**Table S1:** **Experimental and ideal CMC (Cm, Ci), degree of dissociation (g), mixed micellar mole fractions (X1, Xi), Excess free energy (gM, E), interaction parameter (β), Standard Gibbs free energy, enthalpy and entropy (ΔGom, ΔHom, ΔSom) of micellization for the mixtures of DTAB and gemini surfactants in aqueous and aqueous solvent solutions as a function of temperature using conductivity measurements at different mole fractions (α) of DTAB.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **α** | **Cm**  **(mmol dm-3)** | **Ci**  **(mmol dm-3)** | **X1** | **gM, E**  **(kJ mol-1)** | | **Xi** | | **β** | | **g** | | **ΔGom**  **(kJ mol-1)** | | **ΔHom**  **(kJ mol-1)** | | **ΔSom**  **(J mol-1K-1)** |
| ***Water*** | | | | | | | | | | | | | | | | |
| ***10-2-10 + DTAB*** | | | | | | | | | | | | | | | | |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 6.47 (6.67)a | 6.47 |  | |  | |  | |  | | 0.19 | | -60.71 | | -6.63 | 175.54 |
| 0.128 | 7.96 | 7.13 | - | | - | | - | | - | | 0.25 | | -56.63 | | -17.82 | 126.63 |
| 0.268 | 8.44 | 7.94 | - | | - | | - | | - | | 0.26 | | -55.78 | | -18.28 | 122.15 |
| 0.449 | 9.17 | 8.96 | 0.23 | | - | | 0.24 | | 0.14 | | 0.26 | | -55.18 | | -14.73 | 131.81 |
| 0.604 | 10.76 | 10.26 | 0.35 | | - | | 0.37 | | 0.25 | | 0.25 | | -54.92 | | -12.47 | 138.36 |
| 0.753 | 12.75 | 12.72 | - | | - | | - | | - | | 0.27 | | -52.77 | | -14.04 | 126.25 |
| 0.902 | 14.55 | 14.72 | - | | - | | - | | - | | 0.29 | | -51.74 | | -14.45 | 104.14 |
| 1.000 | 16.68 | 16.68 |  | |  | |  | |  | | 0.30 | | -35.40 | | -5.45 | 97.18 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 6.75 (6.70)a | 6.75 |  | |  | |  | |  | | 0.19 | | -62.06 | | -7.03 | 173.47 |
| 0.128 | 8.89 | 7.44 | - | | - | | - | | - | | 0.31 | | -54.98 | | -18.09 | 116.18 |
| 0.268 | 9.38 | 8.29 | - | | - | | - | | - | | 0.26 | | -57.06 | | -19.54 | 118.62 |
| 0.449 | 10.21 | 9.36 | 0.18 | | - | | 0.24 | | 0.58 | | 0.26 | | -54.46 | | -15.20 | 123.17 |
| 0.604 | 11.74 | 10.73 | 0.32 | | - | | 0.37 | | 0.52 | | 0.25 | | -54.85 | | -13.00 | 132.38 |
| 0.753 | 14.25 | 13.30 | 0.59 | | - | | 0.61 | | 0.62 | | 0.27 | | -53.46 | | -14.89 | 121.64 |
| 0.902 | 15.77 | 16.25 | 0.54 | | - | | 0.67 | | 0.63 | | 0.24 | | -53.14 | | -14.23 | 107.15 |
| 1.000 | 17.46 | 17.46 |  | |  | |  | |  | | 0.31 | | -36.03 | | -5.76 | 95.24 |
| ***12-2-12 + DTAB*** | | | | | | | | | | | | | | | | |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.09 | 1.09 |  | |  | |  | |  | | 0.24 | | -69.59 | | -29.53 | 130.61 |
| 0.128 | 1.30 | 1.24 | - | | - | | - | | - | | 0.25 | | -67.93 | | -45.83 | 69.53 |
| 0.268 | 1.47 | 1.45 | - | | - | | - | | - | | 0.26 | | -67.08 | | -49.11 | 56.08 |
| 0.449 | 1.53 | 1.75 | 0.14 | | -1.49 | | 0.04 | | -1.80 | | 0.37 | | -60.47 | | -29.40 | 98.41 |
| 0.604 | 1.93 | 2.26 | 0.18 | | -1.78 | | 0.07 | | -1.54 | | 0.43 | | -56.40 | | -30.49 | 81.05 |
| 0.753 | 2.91 | 3.87 | 0.30 | | -1.34 | | 0.18 | | -1.64 | | 0.61 | | -44.75 | | -16.91 | 87.31 |
| 0.902 | 4.56 | 6.99 | 0.28 | | -1.47 | | 0.21 | | -2.47 | | 0.57 | | -40.54 | | -10.24 | 91.47 |
| 1.000 | 16.68 | 16.68 |  | |  | |  | |  | | 0.30 | | -35.40 | | -5.45 | 97.18 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.24 | 1.24 |  | |  | |  | |  | | 0.28 | | -69.06 | | -30.62 | 121.49 |
| 0.128 | 1.45 | 1.39 | - | | - | | - | | - | | 0.23 | | -69.75 | | -49.67 | 63.18 |
| 0.268 | 1.76 | 1.61 | - | | - | | - | | - | | 0.35 | | -63.02 | | -48.49 | 46.25 |
| 0.449 | 1.99 | 1.92 | - | | - | | - | | - | | 0.36 | | -61.37 | | -31.59 | 94.41 |
| 0.604 | 2.38 | 2.46 | - | | - | | - | | - | | 0.41 | | -57.85 | | -32.96 | 78.62 |
| 0.753 | 3.58 | 4.13 | 0.25 | | -1.31 | | 0.18 | | -0.86 | | 0.59 | | -46.26 | | -18.43 | 87.31 |
| 0.902 | 8.54 | 7.48 | 0.24 | | -1.56 | | 0.17 | | -0.99 | | 0.45 | | -44.23 | | -17.48 | 91.47 |
| 1.000 | 17.46 | 17.46 |  | |  | |  | |  | | 0.31 | | -36.03 | | -5.76 | 95.24 |
| ***14-2-14 + DTAB*** | | | | | | | | | | | | | | | | |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.17 | 0.17 |  | |  | |  | |  | | 0.26 | | -80.64 | | -37.45 | 141.36 |
| 0.128 | 0.22 | 0.19 | - | | - | | - | | - | | 0.28 | | -77.69 | | -60.36 | 54.21 |
| 0.268 | 0.25 | 0.23 | - | | - | | - | | - | | 0.44 | | -67.01 | | -51.15 | 50.42 |
| 0.449 | 0.30 | 0.29 | - | | - | | - | | - | | 0.36 | | -70.83 | | -42.56 | 89.37 |
| 0.604 | 0.36 | 0.39 | 0.09 | | -2.32 | | 0.01 | | -2.37 | | 0.46 | | -63.62 | | -47.96 | 49.85 |
| 0.753 | 0.49 | 0.75 | 0.23 | | -1.34 | | 0.03 | | -3.88 | | 0.57 | | -55.15 | | -20.82 | 108.80 |
| 0.902 | 0.44 | 0.73 | 0.21 | | -2.08 | | 0.02 | | -3.45 | | 0.65 | | -44.17 | | -11.56 | 102.17 |
| 1.000 | 16.68 | 16.68 |  | |  | |  | |  | | 0.30 | | -35.40 | | -5.45 | 97.18 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.20 | 0.20 |  | |  | |  | |  | | 0.27 | | -78.94 | | -40.15 | 131.08 |
| 0.128 | 0.33 | 0.23 | - | | - | | - | | - | | 0.40 | | -70.15 | | -58.20 | 38.17 |
| 0.268 | 0.32 | 0.27 | - | | - | | - | | - | | 0.44 | | -67.80 | | -54.52 | 42.51 |
| 0.449 | 0.37 | 0.33 | - | | - | | - | | - | | 0.44 | | -66.94 | | -42.28 | 77.92 |
| 0.604 | 0.47 | 0.44 | - | | - | | - | | - | | 0.47 | | -63.72 | | -50.66 | 41.34 |
| 0.753 | 0.63 | 0.81 | 0.18 | | -1.36 | | 0.03 | | -2.79 | | 0.57 | | -55.75 | | -22.20 | 105.16 |
| 0.902 | 0.86 | 0.98 | 0.21 | | -1.76 | | 0.02 | | -3.11 | | 0.46 | | -46.12 | | -11.25 | 101.21 |
| 1.000 | 17.46 | 17.46 |  | |  | |  | |  | | 0.31 | | -36.03 | | -5.76 | 95.24 |
| ***10-2-10 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 4.53 | 4.53 |  | |  | |  | |  | | 0.27 | | -57.33 | | -22.88 | 115.34 |
| 0.128 | 4.97 | 5.21 | - | | - | | - | | - | | 0.30 | | -55.31 | | -16.68 | 125.21 |
| 0.268 | 5.97 | 6.05 | - | | - | | - | | - | | 0.24 | | -50.82 | | -15.75 | 133.36 |
| 0.449 | 6.90 | 7.12 | 0.26 | | -1.60 | | 0.24 | | -0.17 | | 0.26 | | -55.19 | | -19.71 | 115.44 |
| 0.604 | 8.09 | 8.46 | 0.39 | | -1.71 | | 0.37 | | -0.25 | | 0.29 | | -53.06 | | -19.66 | 108.26 |
| 0.753 | 10.69 | 11.01 | 0.61 | | -2.04 | | 0.61 | | -0.17 | | 0.28 | | -51.55 | | -21.90 | 96.18 |
| 0.902 | 11.43 | 12.54 | 0.38 | | -1.74 | | 0.33 | | -0.31 | | 0.36 | | -44.23 | | -11.25 | 87.61 |
| 1.000 | 15.12 | 15.12 |  | |  | |  | |  | | 0.31 | | -34.29 | | -9.89 | 79.24 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 5.05 | 5.05 |  | |  | |  | |  | | 0.26 | | -59.20 | | -24.72 | 112.52 |
| 0.128 | 5.73 | 5.73 | - | | - | | - | | - | | 0.28 | | -57.45 | | -18.18 | 123.27 |
| 0.268 | 6.63 | 6.56 | - | | - | | - | | - | | 0.29 | | -56.11 | | -16.26 | 125.55 |
| 0.449 | 7.84 | 7.61 | - | | - | | - | | - | | 0.28 | | -55.54 | | -20.79 | 109.14 |
| 0.604 | 9.06 | 8.94 | - | | - | | - | | - | | 0.33 | | -52.39 | | -20.33 | 101.21 |
| 0.753 | 11.18 | 11.45 | 0.61 | | -1.53 | | 0.70 | | -0.13 | | 0.33 | | -51.10 | | -22.55 | 90.62 |
| 0.902 | 13.24 | 13.78 | 0.63 | | -1.35 | | 0.72 | | -0.14 | | 0.38 | | -45.85 | | -14.56 | 88.74 |
| 1.000 | 15.51 | 15.51 |  | |  | |  | |  | | 0.31 | | -35.32 | | -10.56 | 78.21 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 5.83 | 5.83 |  | |  | |  | |  | | 0.26 | | -60.04 | | -26.29 | 106.08 |
| 0.128 | 7.45 | 6.52 | - | | - | | - | | - | | 0.37 | | -53.19 | | -17.89 | 111.24 |
| 0.268 | 8.00 | 7.36 | 0.07 | | - | | 0.14 | | 0.93 | | 0.40 | | -51.24 | | -15.66 | 112.21 |
| 0.449 | 8.98 | 8.43 | 0.20 | | - | | 0.24 | | 0.41 | | 0.42 | | -49.72 | | -19.51 | 95.62 |
| 0.604 | 9.89 | 9.79 | - | | - | | - | | - | | 0.35 | | -52.41 | | -21.21 | 98.21 |
| 0.753 | 12.85 | 12.35 | 0.60 | | - | | 0.61 | | 0.37 | | 0.33 | | -51.85 | | -24.02 | 87.34 |
| 0.902 | 13.69 | 14.23 | 0.64 | | - | | 0.66 | | 0.38 | | 0.33 | | -44.23 | | -14.53 | 80.27 |
| 1.000 | 16.48 | 16.48 |  | |  | |  | |  | | 0.35 | | -35.39 | | -11.01 | 77.94 |
| ***5.0% PrOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 5.73 | 5.73 |  | |  | |  | |  | | 0.28 | | -55.30 | | -16.82 | 129.26 |
| 0.128 | 5.60 | 6.23 | 0.14 | | -1.65 | | 0.06 | | -1.19 | | 0.36 | | -51.89 | | -27.22 | 80.52 |
| 0.268 | 6.36 | 6.85 | 0.19 | | -1.46 | | 0.14 | | -0.53 | | 0.31 | | -53.31 | | -27.26 | 84.25 |
| 0.449 | 7.24 | 7.63 | 0.27 | | -1.63 | | 0.24 | | -0.28 | | 0.30 | | -52.98 | | -24.75 | 92.31 |
| 0.604 | 8.71 | 8.62 | - | | - | | - | | - | | 0.34 | | -50.52 | | -27.22 | 76.47 |
| 0.753 | 10.04 | 10.49 | 0.59 | | -1.56 | | 0.61 | | -0.67 | | 0.35 | | -48.48 | | -13.78 | 113.62 |
| 0.902 | 12.32 | 12.58 | 0.55 | | -1.47 | | 0.63 | | -0.68 | | 0.33 | | -34.56 | | -11.23 | 102.29 |
| 1.000 | 13.50 | 13.50 |  | |  | |  | |  | | 0.47 | | -31.46 | | -6.73 | 83.38 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 6.59 | 6.59 |  | |  | |  | |  | | 0.34 | | -53.79 | | -17.17 | 119.64 |
| 0.128 | 5.56 | 5.67 | - | | - | | - | | - | | 0.35 | | -54.43 | | -29.48 | 78.26 |
| 0.268 | 6.32 | 6.43 | - | | - | | - | | - | | 0.31 | | -55.11 | | -29.11 | 82.31 |
| 0.449 | 7.33 | 7.39 | - | | - | | - | | - | | 0.35 | | -52.44 | | -25.36 | 85.21 |
| 0.604 | 9.11 | 8.61 | 0.34 | | - | | 0.83 | | 0.33 | | 0.36 | | -50.70 | | -28.38 | 57.47 |
| 0.753 | 13.12 | 10.90 | 0.61 | | - | | 0.93 | | 1.46 | | 0.35 | | -48.98 | | -14.64 | 108.65 |
| 0.902 | 14.22 | 14.92 | 0.66 | | - | | 0.95 | | 2.23 | | 0.28 | | -37.58 | | -10.56 | 99.95 |
| 1.000 | 14.61 | 14.61 |  | |  | |  | |  | | 0.37 | | -34.43 | | -7.69 | 87.08 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 6.91 | 6.91 |  | |  | |  | |  | | 0.34 | | -55.16 | | -18.27 | 116.94 |
| 0.128 | 8.50 | 8.80 | - | | - | | - | | - | | 0.39 | | -51.73 | | -30.33 | 67.51 |
| 0.268 | 9.65 | 9.39 | - | | - | | - | | - | | 0.37 | | -51.62 | | -29.52 | 69.24 |
| 0.449 | 10.69 | 10.15 | 0.21 | | - | | 0.24 | | 0.33 | | 0.43 | | -48.21 | | -25.13 | 72.51 |
| 0.604 | 12.22 | 11.11 | 0.31 | | - | | 0.37 | | 0.58 | | 0.48 | | -45.22 | | -27.04 | 57.63 |
| 0.753 | 14.17 | 12.92 | 0.58 | | - | | 0.61 | | 0.82 | | 0.47 | | -45.24 | | -14.09 | 98.74 |
| 0.902 | 15.23 | 14.25 | 0.47 | | - | | 0.31 | | 0.77 | | 0.62 | | -40.23 | | -10.62 | 85.14 |
| 1.000 | 15.85 | 15.85 |  | |  | |  | |  | | 0.50 | | -32.38 | | -7.54 | 78.11 |
| ***12-2-12 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.83 | 0.83 |  | |  | |  | |  | | 0.29 | | -66.34 | | -21.46 | 150.63 |
| 0.128 | 0.81 | 0.96 | 0.13 | | -3.43 | | 0.01 | | -3.70 | | 0.29 | | -66.71 | | -42.18 | 79.17 |
| 0.268 | 0.97 | 1.15 | 0.14 | | -3.68 | | 0.02 | | -2.69 | | 0.30 | | -65.05 | | -44.05 | 68.62 |
| 0.449 | 1.10 | 1.43 | 0.19 | | -3.60 | | 0.04 | | -2.70 | | 0.30 | | -64.45 | | -38.40 | 86.25 |
| 0.604 | 1.43 | 1.90 | 0.23 | | -3.84 | | 0.07 | | -2.37 | | 0.44 | | -55.37 | | -32.00 | 76.08 |
| 0.753 | 2.12 | 3.37 | 0.33 | | -2.68 | | 0.18 | | -2.41 | | 0.62 | | -44.45 | | -25.94 | 60.06 |
| 0.902 | 4.56 | 5.63 | 0.38 | | -2.96 | | 0.26 | | -2.75 | | 0.64 | | -40.25 | | -11.23 | 77.41 |
| 1.000 | 15.12 | 15.12 |  | |  | |  | |  | | 0.31 | | -34.29 | | -9.89 | 79.24 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.93 | 0.93 |  | |  | |  | |  | | 0.31 | | -66.77 | | -22.54 | 143.22 |
| 0.128 | 1.01 | 1.07 | 0.06 | | -1.99 | | 0.01 | | -1.56 | | 0.28 | | -68.05 | | -45.37 | 71.25 |
| 0.268 | 1.18 | 1.26 | 0.08 | | -2.34 | | 0.02 | | -2.16 | | 0.27 | | -67.60 | | -48.18 | 61.37 |
| 0.449 | 1.35 | 1.54 | 0.14 | | -1.69 | | 0.04 | | -1.80 | | 0.35 | | -62.12 | | -38.58 | 74.61 |
| 0.604 | 1.66 | 2.02 | 0.20 | | -1.92 | | 0.07 | | -1.84 | | 0.43 | | -55.88 | | -33.85 | 69.08 |
| 0.753 | 2.58 | 3.52 | 0.30 | | -1.76 | | 0.18 | | -1.70 | | 0.82 | | -44.64 | | -27.45 | 54.14 |
| 0.902 | 5.57 | 6.23 | 0.36 | | -1.60 | | 0.16 | | -1.55 | | 0.80 | | -41.25 | | -18.47 | 41.62 |
| 1.000 | 15.51 | 15.51 |  | |  | |  | |  | | 0.31 | | -35.32 | | -10.56 | 78.21 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.06 | 1.06 |  | |  | |  | |  | | 0.33 | | -67.20 | | -23.71 | 136.08 |
| 0.128 | 1.32 | 1.20 | - | | - | | - | | - | | 0.28 | | -68.76 | | -48.52 | 64.62 |
| 0.268 | 1.54 | 1.41 | - | | - | | - | | - | | 0.36 | | -63.15 | | -47.64 | 49.25 |
| 0.449 | 1.73 | 1.71 | - | | - | | - | | - | | 0.37 | | -62.06 | | -40.75 | 67.51 |
| 0.604 | 2.20 | 2.22 | - | | - | | - | | - | | 0.43 | | -57.54 | | -37.00 | 64.63 |
| 0.753 | 3.18 | 3.80 | 0.27 | | -1.50 | | 0.18 | | -1.12 | | 0.61 | | -46.17 | | -29.94 | 51.25 |
| 0.902 | 7.68 | 8.69 | 0.32 | | -1.71 | | 0.20 | | -1.82 | | 0.66 | | -38.65 | | -19.62 | 65.41 |
| 1.000 | 16.48 | 16.48 |  | |  | |  | |  | | 0.35 | | -35.39 | | -11.01 | 77.94 |
| ***5.0% PrOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.84 | 0.84 |  | |  | |  | |  | | 0.26 | | -68.11 | | -16.68 | 167.36 |
| 0.128 | 0.76 | 0.95 | 0.15 | | -3.90 | | 0.01 | | -4.15 | | 0.35 | | -63.64 | | -43.95 | 64.21 |
| 0.268 | 0.86 | 1.11 | 0.18 | | -3.01 | | 0.02 | | -3.47 | | 0.40 | | -60.30 | | -35.33 | 81.42 |
| 0.449 | 1.01 | 1.36 | 0.21 | | -2.18 | | 0.04 | | -3.06 | | 0.39 | | -59.80 | | -38.37 | 69.17 |
| 0.604 | 1.29 | 1.77 | 0.24 | | -2.32 | | 0.07 | | -2.58 | | 0.42 | | -57.10 | | -35.41 | 70.21 |
| 0.753 | 2.12 | 3.06 | 0.32 | | -2.82 | | 0.18 | | -2.08 | | 0.59 | | -45.96 | | -23.92 | 71.41 |
| 0.902 | 4.65 | 6.26 | 0.34 | | -2.96 | | 0.17 | | -3.05 | | 0.63 | | -38.59 | | -17.58 | 63.68 |
| 1.000 | 13.50 | 13.50 |  | |  | |  | |  | | 0.47 | | -31.46 | | -6.73 | 83.38 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.90 | 0.90 |  | |  | |  | |  | | 0.26 | | -69.92 | | -17.81 | 164.12 |
| 0.128 | 0.97 | 1.03 | 0.06 | | -2.06 | | 0.01 | | -2.16 | | 0.35 | | -64.55 | | -47.10 | 55.05 |
| 0.268 | 1.07 | 1.21 | 0.12 | | -1.90 | | 0.02 | | -2.30 | | 0.40 | | -61.24 | | -37.84 | 74.21 |
| 0.449 | 1.21 | 1.48 | 0.17 | | -2.12 | | 0.04 | | -2.31 | | 0.41 | | -59.78 | | -40.32 | 61.62 |
| 0.604 | 1.65 | 1.93 | 0.18 | | -1.68 | | 0.07 | | -1.53 | | 0.42 | | -57.54 | | -37.75 | 62.21 |
| 0.753 | 2.63 | 3.34 | 0.29 | | -1.87 | | 0.18 | | -1.44 | | 0.56 | | -47.85 | | -26.30 | 68.14 |
| 0.902 | 5.23 | 7.45 | 0.29 | | -2.10 | | 0.18 | | -1.54 | | 0.58 | | -42.32 | | -16.25 | 74.64 |
| 1.000 | 14.61 | 14.61 |  | |  | |  | |  | | 0.37 | | -34.43 | | -7.69 | 87.08 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.09 | 1.09 |  | |  | |  | |  | | 0.37 | | -64.61 | | -17.29 | 149.62 |
| 0.128 | 1.35 | 1.23 | - | | - | | - | | - | | 0.40 | | -61.79 | | -47.99 | 43.21 |
| 0.268 | 1.46 | 1.42 | - | | - | | - | | - | | 0.41 | | -60.81 | | -39.92 | 66.46 |
| 0.449 | 1.74 | 1.71 | - | | - | | - | | - | | 0.44 | | -58.32 | | -42.03 | 51.85 |
| 0.604 | 2.16 | 2.20 | - | | - | | - | | - | | 0.45 | | -56.60 | | -39.35 | 54.92 |
| 0.753 | 3.22 | 3.72 | 0.26 | | -1.40 | | 0.16 | | -0.95 | | 0.53 | | -50.15 | | -29.05 | 66.91 |
| 0.902 | 5.76 | 7.86 | 0.25 | | -1.48 | | 0.14 | | -1.45 | | 0.65 | | -45.25 | | -18.65 | 77.32 |
| 1.000 | 15.85 | 15.85 |  | |  | |  | |  | | 0.50 | | -32.38 | | -7.54 | 78.11 |
| ***14-2-14 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.11 | 0.11 |  | |  | |  | |  | | 0.21 | | -83.81 | | -39.42 | 149.25 |
| 0.128 | 0.10 | 0.13 | 0.14 | | -3.47 | | 0.00 | | -6.32 | | 0.38 | | -72.85 | | -36.26 | 112.32 |
| 0.268 | 0.15 | 0.17 | 0.11 | | -4.68 | | 0.00 | | -4.35 | | 0.47 | | -65.74 | | -26.97 | 126.15 |
| 0.449 | 0.17 | 0.22 | 0.16 | | -4.75 | | 0.01 | | -4.70 | | 0.49 | | -63.54 | | -28.36 | 114.08 |
| 0.604 | 0.23 | 0.31 | 0.18 | | -4.08 | | 0.01 | | -4.27 | | 0.56 | | -57.86 | | -26.47 | 102.61 |
| 0.753 | 0.47 | 0.64 | 0.20 | | -4.02 | | 0.03 | | -3.19 | | 0.72 | | -45.16 | | -16.14 | 94.47 |
| 0.902 | 2.45 | 1.21 | 0.29 | | -5.17 | | 0.06 | | -4.55 | | 0.74 | | -44.15 | | -15.22 | 88.62 |
| 1.000 | 15.12 | 15.12 |  | |  | |  | |  | | 0.31 | | -34.29 | | -9.89 | 79.24 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.14 | 0.14 |  | |  | |  | |  | | 0.24 | | -82.99 | | -41.10 | 136.62 |
| 0.128 | 0.13 | 0.16 | 0.13 | | -3.54 | | 0.00 | | -6.04 | | 0.39 | | -73.76 | | -38.64 | 110.32 |
| 0.268 | 0.18 | 0.20 | 0.08 | | -3.97 | | 0.00 | | -3.64 | | 0.50 | | -64.67 | | -27.88 | 116.14 |
| 0.449 | 0.21 | 0.25 | 0.13 | | -3.95 | | 0.01 | | -4.00 | | 0.53 | | -62.04 | | -29.12 | 103.18 |
| 0.604 | 0.30 | 0.35 | 0.11 | | -3.54 | | 0.03 | | -3.17 | | 0.56 | | -58.25 | | -28.12 | 95.60 |
| 0.753 | 0.46 | 0.68 | 0.23 | | -2.88 | | 0.03 | | -3.82 | | 0.67 | | -49.91 | | -18.40 | 99.21 |
| 0.902 | 3.26 | 1.66 | 0.20 | | -1.64 | | 0.08 | | -2.45 | | 0.54 | | -41.56 | | -11.25 | 86.74 |
| 1.000 | 15.51 | 15.51 |  | |  | |  | |  | | 0.31 | | -35.32 | | -10.56 | 78.21 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.16 | 0.16 |  | |  | |  | |  | | 0.31 | | -80.02 | | -41.47 | 121.15 |
| 0.128 | 0.16 | 0.19 | 0.11 | | -2.30 | | 0.00 | | -5.50 | | 0.51 | | -66.61 | | -36.60 | 94.62 |
| 0.268 | 0.21 | 0.23 | 0.07 | | -3.68 | | 0.00 | | -3.38 | | 0.51 | | -65.29 | | -29.45 | 113.35 |
| 0.449 | 0.25 | 0.29 | 0.11 | | -3.72 | | 0.01 | | -3.55 | | 0.57 | | -60.59 | | -29.75 | 97.43 |
| 0.604 | 0.34 | 0.39 | 0.11 | | -3.33 | | 0.01 | | -2.79 | | 0.62 | | -55.59 | | -28.01 | 87.81 |
| 0.753 | 0.53 | 0.74 | 0.21 | | -2.54 | | 0.03 | | -3.38 | | 0.67 | | -50.75 | | -19.57 | 98.62 |
| 0.902 | 4.15 | 2.15 | 0.33 | | -2.76 | | 0.07 | | -2.17 | | 0.64 | | -44.12 | | -15.54 | 91.18 |
| 1.000 | 16.48 | 16.48 |  | |  | |  | |  | | 0.35 | | -35.39 | | -11.01 | 77.94 |
| ***5.0% PrOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.14 | 0.14 |  | |  | |  | |  | | 0.57 | | -59.09 | | -23.83 | 114.42 |
| 0.128 | 0.14 | 0.17 | 0.11 | | -2.99 | | 0.00 | | -5.50 | | 0.49 | | -64.56 | | -49.66 | 48.15 |
| 0.268 | 0.18 | 0.20 | 0.09 | | -3.43 | | 0.00 | | -3.89 | | 0.45 | | -65.79 | | -56.44 | 30.26 |
| 0.449 | 0.19 | 0.25 | 0.16 | | -2.76 | | 0.01 | | -4.69 | | 0.53 | | -60.62 | | -44.91 | 51.31 |
| 0.604 | 0.22 | 0.33 | 0.21 | | -3.21 | | 0.01 | | -5.01 | | 0.60 | | -55.40 | | -39.50 | 52.02 |
| 0.753 | 0.40 | 0.62 | 0.24 | | -3.08 | | 0.03 | | -4.07 | | 0.68 | | -47.87 | | -37.42 | 34.04 |
| 0.902 | 1.45 | 0.98 | 0.25 | | -3.24 | | 0.02 | | -4.61 | | 0.61 | | -46.25 | | -17.42 | 77.74 |
| 1.000 | 13.50 | 13.50 |  | |  | |  | |  | | 0.47 | | -31.46 | | -06.73 | 83.38 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  | |  | |  | |  | | 0.62 | | -57.69 | | -24.13 | 105.30 |
| 0.128 | 0.19 | 0.18 | - | | - | | - | | - | | 0.50 | | -64.31 | | -52.28 | 38.21 |
| 0.268 | 0.21 | 0.21 | - | | - | | - | | - | | 0.52 | | -62.44 | | -56.12 | 19.36 |
| 0.449 | 0.23 | 0.26 | 0.10 | | -2.13 | | 0.01 | | -3.33 | | 0.54 | | -60.59 | | -47.14 | 42.24 |
| 0.604 | 0.28 | 0.35 | 0.16 | | -2.49 | | 0.03 | | -3.82 | | 0.61 | | -55.55 | | -41.70 | 43.19 |
| 0.753 | 0.53 | 0.66 | 0.18 | | -2.65 | | 0.03 | | -2.75 | | 0.68 | | -48.27 | | -39.94 | 26.18 |
| 0.902 | 2.65 | 1.23 | 0.21 | | -2.04 | | 0.05 | | -2.22 | | 0.47 | | -41.25 | | -19.56 | 45.21 |
| 1.000 | 14.61 | 14.61 |  | |  | |  | |  | | 0.37 | | -34.43 | | -7.69 | 87.08 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.19 | 0.19 |  | |  | |  | |  | | 0.60 | | -60.04 | | -26.40 | 106.41 |
| 0.128 | 0.26 | 0.22 | - | | - | | - | | - | | 0.58 | | -59.70 | | -51.39 | 26.62 |
| 0.268 | 0.31 | 0.25 | - | | - | | - | | - | | 0.65 | | -54.02 | | -51.73 | 17.15 |
| 0.449 | 0.34 | 0.31 | - | | - | | - | | - | | 0.56 | | -59.71 | | -49.55 | 32.37 |
| 0.604 | 0.41 | 0.41 | - | | - | | - | | - | | 0.63 | | -54.59 | | -43.71 | 34.21 |
| 0.753 | 0.67 | 0.74 | 0.12 | | -1.76 | | 0.03 | | -1.71 | | 0.67 | | -49.52 | | -43.19 | 20.62 |
| 0.902 | 3.26 | 1.77 | 0.18 | | -1.43 | | 0.05 | | -1.84 | | 0.62 | | -41.65 | | -25.25 | 44.95 |
| 1.000 | 15.85 | 15.85 |  | |  | |  | |  | | 0.50 | | -32.38 | | -7.54 | 78.11 |
| ***10-2-10 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 5.43 | 5.43 |  | |  | |  | |  | | 0.42 | | -49.27 | | -7.54 | 140.45 |
| 0.128 | 4.00 | 5.80 | 0.24 | | -1.45 | | 0.06 | | -2.91 | | 0.40 | | -51.78 | | -10.46 | 134.32 |
| 0.268 | 4.70 | 6.26 | 0.28 | | -1.56 | | 0.14 | | -1.83 | | 0.33 | | -54.24 | | -16.47 | 123.60 |
| 0.449 | 5.10 | 6.83 | 0.34 | | -1.69 | | 0.24 | | -1.43 | | 0.35 | | -52.74 | | -16.92 | 116.32 |
| 0.604 | 5.63 | 7.56 | 0.42 | | -1.77 | | 0.37 | | -1.24 | | 0.39 | | -54.64 | | -17.40 | 117.25 |
| 0.753 | 6.58 | 8.94 | 0.57 | | -2.19 | | 0.61 | | -1.28 | | 0.33 | | -52.23 | | -17.57 | 112.61 |
| 0.902 | 8.68 | 9.99 | 0.59 | | -3.55 | | 0.63 | | -2.15 | | 0.38 | | -44.15 | | -16.27 | 110.42 |
| 1.000 | 11.17 | 11.17 |  | |  | |  | |  | | 0.46 | | -45.31 | | -11.76 | 109.35 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 5.57 | 5.57 |  | |  | |  | |  | | 0.44 | | -49.76 | | -7.89 | 136.67 |
| 0.128 | 5.07 | 5.96 | 0.17 | | -1.47 | | 0.06 | | -1.63 | | 0.34 | | -55.08 | | -11.79 | 136.25 |
| 0.268 | 5.13 | 6.44 | 0.26 | | -1.71 | | 0.14 | | -1.49 | | 0.36 | | -54.13 | | -17.15 | 116.91 |
| 0.449 | 5.43 | 7.05 | 0.34 | | -2.05 | | 0.24 | | -1.36 | | 0.38 | | -52.86 | | -17.64 | 111.01 |
| 0.604 | 6.52 | 7.82 | 0.41 | | -2.17 | | 0.37 | | -0.80 | | 0.32 | | -54.64 | | -17.41 | 117.14 |
| 0.753 | 7.02 | 9.28 | 0.58 | | -2.76 | | 0.61 | | -1.28 | | 0.40 | | -50.47 | | -17.67 | 103.18 |
| 0.902 | 9.62 | 8.88 | 0.60 | | -2.73 | | 0.65 | | -1.02 | | 0.47 | | -48.25 | | -15.26 | 105.45 |
| 1.000 | 11.63 | 11.63 |  | |  | |  | |  | | 0.46 | | -46.69 | | -12.57 | 107.32 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 5.97 | 5.97 |  | |  | |  | |  | | 0.43 | | -51.60 | | -8.51 | 135.62 |
| 0.128 | 5.39 | 6.42 | 0.18 | | -1.85 | | 0.06 | | -1.77 | | 0.40 | | -53.52 | | -11.91 | 131.14 |
| 0.268 | 5.82 | 6.97 | 0.24 | | -2.27 | | 0.14 | | -1.20 | | 0.36 | | -55.46 | | -18.39 | 116.18 |
| 0.449 | 6.40 | 7.66 | 0.32 | | -2.15 | | 0.24 | | -0.98 | | 0.40 | | -52.75 | | -18.51 | 108.95 |
| 0.604 | 7.11 | 8.55 | 0.41 | | -2.63 | | 0.37 | | -0.81 | | 0.43 | | -50.92 | | -16.91 | 107.26 |
| 0.753 | 7.85 | 10.22 | 0.58 | | -3.05 | | 0.61 | | -1.19 | | 0.46 | | -48.67 | | -17.82 | 97.41 |
| 0.902 | 10.45 | 11.25 | 0.55 | | -2.07 | | 0.67 | | -1.06 | | 0.42 | | -44.75 | | -16.25 | 99.21 |
| 1.000 | 12.92 | 12.92 |  | |  | |  | |  | | 0.47 | | -45.45 | | -12.39 | 104.33 |
| ***5.0% BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 4.03 | 4.03 |  | |  | |  | |  | | 0.48 | | -47.93 | | -13.11 | 117.36 |
| 0.128 | 2.52 | 4.43 | 0.28 | | -2.78 | | 0.06 | | -3.92 | | 0.45 | | -52.01 | | -40.27 | 38.21 |
| 0.268 | 2.67 | 4.93 | 0.34 | | -2.88 | | 0.14 | | -3.38 | | 0.46 | | -51.07 | | -36.64 | 47.01 |
| 0.449 | 3.31 | 5.55 | 0.38 | | -2.64 | | 0.24 | | -2.50 | | 0.48 | | -49.20 | | -33.96 | 49.14 |
| 0.604 | 3.43 | 6.35 | 0.45 | | -2.59 | | 0.37 | | -2.67 | | 0.47 | | -49.66 | | -39.05 | 34.12 |
| 0.753 | 4.22 | 7.85 | 0.56 | | -2.23 | | 0.61 | | -2.75 | | 0.56 | | -44.05 | | -33.88 | 33.62 |
| 0.902 | 6.21 | 8.62 | 0.52 | | -1.88 | | 0.63 | | -3.01 | | 0.52 | | -40.15 | | -19.25 | 44.14 |
| 1.000 | 10.28 | 10.28 |  | |  | |  | |  | | 0.60 | | -29.89 | | -15.42 | 47.75 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 4.20 | 4.20 |  | |  | |  | |  | | 0.49 | | -48.82 | | -13.86 | 117.62 |
| 0.128 | 2.69 | 4.76 | 0.29 | | -1.99 | | 0.06 | | -4.10 | | 0.52 | | -49.68 | | -40.02 | 30.14 |
| 0.268 | 3.56 | 5.44 | 0.31 | | -2.03 | | 0.14 | | -2.50 | | 0.50 | | -49.63 | | -37.90 | 37.47 |
| 0.449 | 3.97 | 6.30 | 0.37 | | -1.97 | | 0.24 | | -2.22 | | 0.54 | | -47.13 | | -34.26 | 40.23 |
| 0.604 | 4.73 | 7.41 | 0.44 | | -1.88 | | 0.37 | | -1.97 | | 0.58 | | -44.20 | | -37.16 | 22.92 |
| 0.753 | 6.53 | 9.48 | 0.57 | | -1.72 | | 0.61 | | -1.63 | | 0.59 | | -42.11 | | -35.09 | 22.52 |
| 0.902 | 7.58 | 10.25 | 0.47 | | -1.64 | | 0.60 | | -1.78 | | 0.64 | | -33.21 | | -17.45 | 31.31 |
| 1.000 | 12.83 | 12.83 |  | |  | |  | |  | | 0.64 | | -29.15 | | -15.95 | 41.04 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 4.80 | 4.80 |  | |  | |  | |  | | 0.50 | | -49.30 | | -14.66 | 109.41 |
| 0.128 | 4.25 | 5.37 | 0.20 | | -1.33 | | 0.06 | | -2.12 | | 0.54 | | -48.04 | | -41.88 | 19.52 |
| 0.268 | 4.53 | 6.08 | 0.28 | | -1.50 | | 0.14 | | -1.84 | | 0.53 | | -48.38 | | -39.12 | 29.71 |
| 0.449 | 5.07 | 6.96 | 0.35 | | -1.64 | | 0.24 | | -1.60 | | 0.54 | | -47.30 | | -36.43 | 34.64 |
| 0.604 | 6.05 | 8.10 | 0.42 | | -1.80 | | 0.37 | | -1.23 | | 0.62 | | -42.39 | | -37.78 | 14.68 |
| 0.753 | 7.50 | 10.23 | 0.57 | | -3.34 | | 0.61 | | -1.29 | | 0.61 | | -41.97 | | -36.67 | 16.21 |
| 0.902 | 11.23 | 12.47 | 0.45 | | -2.58 | | 0.55 | | -2.35 | | 0.45 | | -31.54 | | -21.32 | 22.35 |
| 1.000 | 13.67 | 13.67 |  | |  | |  | |  | | 0.65 | | -29.57 | | -16.84 | 40.22 |
| ***12-2-12 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.59 | 0.59 |  | |  | |  | |  | | 0.37 | | -63.84 | | -24.26 | 133.25 |
| 0.128 | 0.45 | 0.69 | 0.20 | | -3.42 | | 0.01 | | -5.44 | | 0.32 | | -68.48 | | -36.40 | 104.34 |
| 0.268 | 0.53 | 0.83 | 0.23 | | -3.50 | | 0.02 | | -4.67 | | 0.37 | | -64.80 | | -32.92 | 103.10 |
| 0.449 | 0.66 | 1.04 | 0.25 | | -3.53 | | 0.04 | | -3.98 | | 0.44 | | -61.34 | | -31.73 | 90.54 |
| 0.604 | 0.75 | 1.38 | 0.30 | | -3.43 | | 0.07 | | -4.08 | | 0.50 | | -55.65 | | -29.11 | 86.62 |
| 0.753 | 1.26 | 2.47 | 0.36 | | -3.30 | | 0.18 | | -3.37 | | 0.68 | | -44.19 | | -21.51 | 72.12 |
| 0.902 | 4.56 | 3.21 | 0.34 | | -2.11 | | 0.18 | | -4.33 | | 0.54 | | -44.02 | | -18.76 | 88.84 |
| 1.000 | 11.17 | 11.17 |  | |  | |  | |  | | 0.46 | | -45.31 | | -11.76 | 109.35 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.68 | 0.68 |  | |  | |  | |  | | 0.44 | | -61.11 | | -24.30 | 119.08 |
| 0.128 | 0.58 | 0.78 | 0.17 | | -3.09 | | 0.01 | | -4.62 | | 0.37 | | -66.44 | | -37.34 | 91.21 |
| 0.268 | 0.68 | 0.93 | 0.19 | | -3.48 | | 0.02 | | -3.70 | | 0.39 | | -64.34 | | -34.54 | 94.33 |
| 0.449 | 0.82 | 1.14 | 0.21 | | -3.22 | | 0.04 | | -3.09 | | 0.42 | | -61.34 | | -34.55 | 84.42 |
| 0.604 | 1.09 | 1.50 | 0.24 | | -3.41 | | 0.07 | | -2.56 | | 0.47 | | -57.16 | | -31.97 | 79.16 |
| 0.753 | 1.58 | 2.63 | 0.34 | | -2.99 | | 0.18 | | -2.66 | | 0.68 | | -44.19 | | -21.51 | 71.21 |
| 0.902 | 5.64 | 3.56 | 0.47 | | -1.88 | | 0.11 | | -3.14 | | 0.64 | | -44.32 | | -18.78 | 64.82 |
| 1.000 | 11.63 | 11.63 |  | |  | |  | |  | | 0.46 | | -46.69 | | -12.57 | 107.32 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.79 | 0.79 |  | |  | |  | |  | | 0.53 | | -56.87 | | -23.66 | 104.62 |
| 0.128 | 0.73 | 0.90 | 0.14 | | -2.20 | | 0.01 | | -3.93 | | 0.35 | | -68.54 | | -40.55 | 88.18 |
| 0.268 | 0.91 | 1.06 | 0.13 | | -2.43 | | 0.02 | | -2.51 | | 0.43 | | -62.22 | | -35.38 | 84.42 |
| 0.449 | 1.08 | 1.30 | 0.16 | | -2.39 | | 0.04 | | -2.15 | | 0.45 | | -60.29 | | -35.93 | 76.35 |
| 0.604 | 1.29 | 1.70 | 0.23 | | -2.13 | | 0.07 | | -2.35 | | 0.50 | | -56.65 | | -33.23 | 74.93 |
| 0.753 | 2.02 | 2.95 | 0.32 | | -1.87 | | 0.18 | | -2.09 | | 0.66 | | -45.16 | | -23.24 | 69.21 |
| 0.902 | 7.45 | 4.68 | 0.37 | | -1.76 | | 0.14 | | -3.11 | | 0.63 | | -47.85 | | -33.25 | 47.13 |
| 1.000 | 12.92 | 12.92 |  | |  | |  | |  | | 0.47 | | -45.45 | | -12.39 | 104.33 |
| ***5.0% BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.52 | 0.52 |  | |  | |  | |  | | 0.53 | | -55.76 | | -41.74 | 47.26 |
| 0.128 | 0.39 | 0.61 | 0.21 | | -2.52 | | 0.01 | | -5.68 | | 0.52 | | -57.27 | | -30.22 | 88.15 |
| 0.268 | 0.53 | 0.74 | 0.20 | | -2.50 | | 0.02 | | -1.89 | | 0.58 | | -52.72 | | -26.09 | 86.21 |
| 0.449 | 0.65 | 0.93 | 0.22 | | -2.96 | | 0.04 | | -3.30 | | 0.61 | | -49.83 | | -29.62 | 65.24 |
| 0.604 | 0.77 | 1.25 | 0.28 | | -2.45 | | 0.07 | | -3.48 | | 0.64 | | -47.46 | | -37.48 | 32.62 |
| 0.753 | 1.60 | 2.26 | 0.31 | | -2.08 | | 0.18 | | -3.90 | | 0.69 | | -42.17 | | -26.30 | 51.38 |
| 0.902 | 2.25 | 4.23 | 0.34 | | -1.87 | | 0.20 | | -3.48 | | 0.60 | | -31.47 | | -20.14 | 47.51 |
| 1.000 | 10.28 | 10.28 |  | |  | |  | |  | | 0.60 | | -29.89 | | -15.42 | 47.74 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.65 | 0.65 |  | |  | |  | |  | | 0.61 | | -51.58 | | -40.69 | 35.41 |
| 0.128 | 0.58 | 0.76 | 0.17 | | -2.22 | | 0.01 | | -4.61 | | 0.67 | | -48.86 | | -27.54 | 67.47 |
| 0.268 | 0.73 | 0.93 | 0.17 | | -2.50 | | 0.02 | | -3.27 | | 0.69 | | -46.74 | | -24.56 | 70.21 |
| 0.449 | 0.92 | 1.16 | 0.18 | | -2.96 | | 0.04 | | -2.50 | | 0.66 | | -47.23 | | -29.94 | 54.05 |
| 0.604 | 1.07 | 1.56 | 0.25 | | -2.45 | | 0.07 | | -2.82 | | 0.68 | | -45.37 | | -38.14 | 23.06 |
| 0.753 | 2.08 | 2.82 | 0.30 | | -2.08 | | 0.18 | | -1.68 | | 0.78 | | -37.31 | | -24.67 | 40.25 |
| 0.902 | 2.31 | 3.62 | 0.34 | | -1.87 | | 0.15 | | -2.31 | | 0.74 | | -34.25 | | -20.32 | 46.14 |
| 1.000 | 12.83 | 12.83 |  | |  | |  | |  | | 0.64 | | -29.15 | | -15.95 | 41.04 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.93 | 0.93 |  | |  | |  | |  | | 0.64 | | -49.94 | | -41.99 | 25.62 |
| 0.128 | 0.88 | 1.05 | 0.13 | | -1.96 | | 0.01 | | -3.69 | | 0.69 | | -47.42 | | -35.19 | 38.09 |
| 0.268 | 0.95 | 1.22 | 0.17 | | -1.98 | | 0.02 | | -3.28 | | 0.69 | | -46.87 | | -26.05 | 65.21 |
| 0.449 | 1.18 | 1.47 | 0.18 | | -1.93 | | 0.04 | | -2.48 | | 0.67 | | -47.19 | | -31.58 | 49.47 |
| 0.604 | 1.68 | 1.89 | 0.16 | | -2.14 | | 0.07 | | -1.24 | | 0.69 | | -44.62 | | -40.40 | 13.95 |
| 0.753 | 2.47 | 3.20 | 0.29 | | -1.74 | | 0.18 | | -1.48 | | 0.68 | | -43.20 | | -29.99 | 41.91 |
| 0.902 | 3.61 | 5.23 | 0.47 | | -1.59 | | 0.24 | | -2.14 | | 0.55 | | -34.62 | | -17.25 | 42.28 |
| 1.000 | 13.67 | 13.67 |  | |  | |  | |  | | 0.65 | | -29.57 | | -16.84 | 40.22 |
| ***14-2-14 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.12 | 0.12 |  | |  | |  | |  | | 0.51 | | -63.93 | | -18.82 | 151.92 |
| 0.128 | 0.11 | 0.14 | 0.14 | | -2.48 | | 0.00 | | -6.35 | | 0.41 | | -71.13 | | -50.70 | 66.31 |
| 0.268 | 0.12 | 0.16 | 0.16 | | -3.39 | | 0.00 | | -5.65 | | 0.58 | | -59.65 | | -52.56 | 23.41 |
| 0.449 | 0.15 | 0.20 | 0.17 | | -349 | | 0.01 | | -4.97 | | 0.57 | | -58.82 | | -52.84 | 19.25 |
| 0.604 | 0.16 | 0.27 | 0.24 | | -3.89 | | 0.01 | | -5.90 | | 0.66 | | -53.18 | | -35.89 | 56.62 |
| 0.753 | 0.29 | 0.51 | 0.26 | | -3.82 | | 0.03 | | -4.68 | | 0.76 | | -44.58 | | -28.13 | 53.67 |
| 0.902 | 0.38 | 0.54 | 0.27 | | -3.78 | | 0.08 | | -5.54 | | 0.57 | | -44.13 | | -17.23 | 77.01 |
| 1.000 | 11.17 | 11.17 |  | |  | |  | |  | | 0.46 | | -45.31 | | -11.76 | 109.35 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.13 | 0.13 |  | |  | |  | |  | | 0.48 | | -67.68 | | -20.76 | 150.04 |
| 0.128 | 0.14 | 0.15 | - | | - | | - | | - | | 0.44 | | -69.99 | | -52.84 | 54.21 |
| 0.268 | 0.15 | 0.18 | 0.12 | | -2.91 | | 0.00 | | -4.61 | | 0.62 | | -57.58 | | -53.33 | 13.17 |
| 0.449 | 0.19 | 0.22 | 0.10 | | -3.44 | | 0.01 | | -3.32 | | 0.59 | | -58.74 | | -55.76 | 19.19 |
| 0.604 | 0.30 | 0.29 | - | | - | | - | | - | | 0.68 | | -51.19 | | -37.62 | 43.62 |
| 0.753 | 0.39 | 0.54 | 0.21 | | -2.94 | | 0.03 | | -3.38 | | 0.74 | | -46.43 | | -31.03 | 48.14 |
| 0.902 | 0.34 | 0.77 | 0.31 | | -3.31 | | 0.08 | | -3.62 | | 0.55 | | -46.47 | | -28.54 | 54.31 |
| 1.000 | 11.63 | 11.63 |  | |  | |  | |  | | 0.46 | | -46.69 | | -12.57 | 107.32 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  | |  | |  | |  | | 0.47 | | -69.69 | | -22.34 | 149.81 |
| 0.128 | 0.18 | 0.17 | - | | - | | - | | - | | 0.63 | | -57.95 | | -45.93 | 38.21 |
| 0.268 | 0.21 | 0.20 | - | | - | | - | | - | | 0.66 | | -55.09 | | -54.18 | 30.62 |
| 0.449 | 0.27 | 0.25 | - | | - | | - | | - | | 0.59 | | -58.56 | | -58.85 | 10.14 |
| 0.604 | 0.29 | 0.33 | 0.11 | | -2.61 | | 0.01 | | -2.77 | | 0.71 | | -50.49 | | -38.24 | 38.91 |
| 0.753 | 0.54 | 0.60 | 0.13 | | -2.77 | | 0.01 | | -1.88 | | 0.70 | | -48.83 | | -34.65 | 45.14 |
| 0.902 | 0.77 | 0.99 | 0.14 | | -2.71 | | 0.02 | | -1.41 | | 0.55 | | -47.12 | | -17.25 | 64.16 |
| 1.000 | 12.92 | 12.92 |  | |  | |  | |  | | 0.47 | | -45.45 | | -12.39 | 104.33 |
| ***5.0% BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.14 | 0.14 |  | |  | |  | |  | | 0.70 | | -51.00 | | -17.54 | 108.63 |
| 0.128 | 0.11 | 0.15 | 0.16 | | -4.00 | | 0.00 | | -6.94 | | 0.75 | | -49.08 | | -27.69 | 69.14 |
| 0.268 | 0.17 | 0.18 | - | | - | | - | | - | | 0.75 | | -47.12 | | -24.80 | 72.16 |
| 0.449 | 0.20 | 0.21 | 0.07 | | -3.24 | | 0.01 | | -2.65 | | 0.68 | | -51.14 | | -31.11 | 65.32 |
| 0.604 | 0.25 | 0.28 | 0.10 | | -3.03 | | 0.01 | | -2.58 | | 0.75 | | -45.93 | | -29.63 | 53.17 |
| 0.753 | 0.37 | 0.49 | 0.20 | | -2.59 | | 0.03 | | -3.17 | | 0.80 | | -41.52 | | -32.72 | 28.82 |
| 0.902 | 0.45 | 0.88 | 0.25 | | -2.63 | | 0.07 | | -3.11 | | 0.84 | | -31.25 | | -17.45 | 36.60 |
| 1.000 | 10.28 | 10.28 |  | |  | |  | |  | | 0.60 | | -29.89 | | -15.42 | 47.74 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  | |  | |  | |  | | 0.72 | | -53.84 | | -17.78 | 121.10 |
| 0.128 | 0.17 | 0.17 | - | | - | | - | | - | | 0.79 | | -46.13 | | -27.83 | 57.14 |
| 0.268 | 0.18 | 0.20 | 0.09 | | -2.52 | | 0.00 | | -3.88 | | 0.80 | | -45.45 | | -24.85 | 65.16 |
| 0.449 | 0.22 | 0.25 | 0.09 | | -2.86 | | 0.01 | | -3.11 | | 0.79 | | -45.10 | | -28.64 | 52.95 |
| 0.604 | 0.30 | 0.33 | 0.09 | | -3.41 | | 0.01 | | -2.38 | | 0.76 | | -46.04 | | -31.18 | 47.28 |
| 0.753 | 0.47 | 0.60 | 0.18 | | -2.88 | | 0.03 | | -2.78 | | 0.82 | | -40.80 | | -33.94 | 22.47 |
| 0.902 | 0.61 | 1.25 | 0.21 | | -2.80 | | 0.04 | | -1.32 | | 0.72 | | -30.14 | | -19.65 | 33.84 |
| 1.000 | 12.83 | 12.83 |  | |  | |  | |  | | 0.64 | | -29.15 | | -15.95 | 41.04 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.20 | 0.20 |  | |  | |  | |  | | 0.73 | | -51.37 | | -19.40 | 100.35 |
| 0.128 | 0.25 | 0.22 | - | | - | | - | | - | | 0.80 | | -45.39 | | -29.20 | 51.21 |
| 0.268 | 0.27 | 0.25 | - | | - | | - | | - | | 0.81 | | -44.83 | | -26.11 | 59.83 |
| 0.449 | 0.31 | 0.30 | - | | - | | - | | - | | 0.84 | | -42.36 | | -28.48 | 44.28 |
| 0.604 | 0.39 | 0.38 | - | | - | | - | | - | | 0.84 | | -41.09 | | -29.40 | 37.62 |
| 0.753 | 0.69 | 0.67 | - | | - | | - | | - | | 0.82 | | -40.29 | | -35.77 | 14.14 |
| 0.902 | 0.77 | 1.87 | - | | - | | - | | - | | 0.77 | | -41.25 | | -25.41 | 11.87 |
| 1.000 | 13.67 | 13.67 |  | |  | |  | |  | | 0.65 | | -29.57 | | -16.84 | 40.22 |
| ***10-2-10 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 6.36 | 6.36 |  | |  | |  | |  | | 0.55 | | -42.57 | | -10.69 | 107.65 |
| 0.128 | 6.01 | 6.85 | 0.16 | | -1.58 | | 0.06 | | -1.47 | | 0.34 | | -52.64 | | -24.76 | 93.21 |
| 0.268 | 6.98 | 7.45 | 0.19 | | -1.81 | | 0.14 | | -0.52 | | 0.27 | | -54.85 | | -21.92 | 110.02 |
| 0.449 | 7.56 | 8.22 | 0.29 | | -3.17 | | 0.24 | | -0.50 | | 0.31 | | -52.56 | | -18.70 | 113.52 |
| 0.604 | 8.72 | 9.18 | 0.39 | | -1.94 | | 0.37 | | -0.27 | | 0.26 | | -53.59 | | -15.29 | 128.62 |
| 0.753 | 9.07 | 11.01 | 0.60 | | -2.16 | | 0.61 | | -0.43 | | 0.36 | | -48.48 | | -6.23 | 142.41 |
| 0.902 | 11.23 | 12.31 | 0.64 | | -2.86 | | 0.65 | | -0.57 | | 0.31 | | -32.15 | | -11.45 | 145.92 |
| 1.000 | 13.96 | 13.96 |  | |  | |  | |  | | 0.33 | | -34.40 | | -2.90 | 102.11 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 7.30 | 7.30 |  | |  | |  | |  | | 0.54 | | -44.13 | | -11.63 | 105.63 |
| 0.128 | 7.51 | 7.74 | 0.09 | | -1.38 | | 0.06 | | -0.44 | | 0.30 | | -54.80 | | -27.31 | 89.17 |
| 0.268 | 8.18 | 8.29 | - | | - | | - | | - | | 0.32 | | -53.38 | | -22.44 | 100.41 |
| 0.449 | 8.83 | 8.98 | - | | - | | - | | - | | 0.32 | | -52.87 | | -19.78 | 107.62 |
| 0.604 | 9.72 | 9.85 | - | | - | | - | | - | | 0.29 | | -53.64 | | -16.01 | 122.34 |
| 0.753 | 10.62 | 11.50 | 0.60 | | -1.61 | | 0.61 | | -0.37 | | 0.35 | | -50.54 | | -6.75 | 142.92 |
| 0.902 | 11.42 | 12.41 | 0.61 | | -1.56 | | 0.60 | | -0.34 | | 0.37 | | -40.12 | | -5.46 | 135.06 |
| 1.000 | 14.17 | 14.17 |  | |  | |  | |  | | 0.33 | | -35.29 | | -3.08 | 101.14 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 7.41 | 7.41 |  | |  | |  | |  | | 0.45 | | -49.40 | | -13.46 | 103.18 |
| 0.128 | 8.36 | 7.87 | - | | - | | - | | - | | 0.35 | | -53.27 | | -27.74 | 80.95 |
| 0.268 | 9.23 | 8.43 | - | | - | | - | | - | | 0.28 | | -56.34 | | -24.79 | 99.17 |
| 0.449 | 9.58 | 9.15 | 0.33 | | - | | 0.35 | | 0.41 | | 0.32 | | -53.92 | | -21.03 | 103.62 |
| 0.604 | 10.76 | 10.06 | - | | - | | - | | - | | 0.33 | | -53.05 | | -16.54 | 115.14 |
| 0.753 | 11.83 | 11.77 | - | | - | | - | | - | | 0.34 | | -51.72 | | -7.22 | 140.38 |
| 0.753 | 12.45 | 13.21 | - | | - | | - | | - | | 0.45 | | -36.54 | | -7.45 | 134.21 |
| 1.000 | 14.54 | 14.54 |  | |  | |  | |  | | 0.49 | | -32.86 | | -2.97 | 94.64 |
| ***5.0% tert BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 5.80 | 5.80 |  | |  | |  | |  | | 0.36 | | -51.65 | | -18.40 | 111.06 |
| 0.128 | 5.03 | 6.27 | 0.20 | | -1.40 | | 0.06 | | -2.11 | | 0.34 | | -53.56 | | -22.33 | 101.25 |
| 0.268 | 5.67 | 6.86 | 0.25 | | -1.53 | | 0.14 | | -1.32 | | 0.29 | | -55.25 | | -20.42 | 113.82 |
| 0.449 | 6.21 | 7.60 | 0.32 | | -1.64 | | 0.24 | | -1.02 | | 0.30 | | -54.09 | | -19.66 | 111.16 |
| 0.604 | 6.94 | 8.54 | 0.41 | | -1.74 | | 0.37 | | -0.88 | | 0.29 | | -53.75 | | -22.32 | 102.31 |
| 0.753 | 9.03 | 10.31 | 0.59 | | -1.80 | | 0.61 | | -0.57 | | 0.27 | | -53.02 | | -15.54 | 122.21 |
| 0.902 | 9.45 | 11.47 | 0.55 | | -1.61 | | 0.63 | | -1.19 | | 0.31 | | -51.32 | | -10.23 | 98.62 |
| 1.000 | 13.17 | 13.17 |  | |  | |  | |  | | 0.38 | | -33.48 | | -5.79 | 90.11 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 6.73 | 6.73 |  | |  | |  | |  | | 0.40 | | -50.66 | | -18.96 | 103.64 |
| 0.128 | 6.94 | 7.12 | - | | - | | - | | - | | 0.31 | | -54.61 | | -24.37 | 95.82 |
| 0.268 | 7.11 | 7.60 | 0.19 | | -1.59 | | 0.14 | | -0.53 | | 0.32 | | -54.10 | | -21.19 | 103.16 |
| 0.449 | 7.20 | 8.21 | 0.30 | | -1.69 | | 0.24 | | -0.68 | | 0.35 | | -52.64 | | -20.11 | 102.93 |
| 0.604 | 7.94 | 8.98 | 0.40 | | -1.72 | | 0.37 | | -0.55 | | 0.38 | | -50.80 | | -22.13 | 90.97 |
| 0.753 | 9.65 | 10.44 | 0.60 | | -1.81 | | 0.61 | | -0.37 | | 0.37 | | -49.92 | | -15.24 | 109.10 |
| 0.902 | 10.42 | 11.62 | 0.56 | | -1.61 | | 0.62 | | -0.34 | | 0.40 | | -33.26 | | -10.46 | 104.12 |
| 1.000 | 12.79 | 12.79 |  | |  | |  | |  | | 0.48 | | -32.59 | | -5.80 | 84.44 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 7.22 | 7.22 |  | |  | |  | |  | | 0.38 | | -52.92 | | -20.60 | 101.31 |
| 0.128 | 7.64 | 7.76 | - | | - | | - | | - | | 0.33 | | -55.15 | | -25.69 | 93.42 |
| 0.268 | 7.91 | 8.43 | 0.19 | | -1.78 | | 0.14 | | -0.52 | | 0.36 | | -53.13 | | -21.75 | 99.65 |
| 0.449 | 8.76 | 9.27 | 0.28 | | -1.68 | | 0.24 | | -0.37 | | 0.36 | | -52.70 | | -21.25 | 99.98 |
| 0.604 | 10.00 | 10.34 | 0.38 | | -1.74 | | 0.37 | | -0.14 | | 0.39 | | -50.49 | | -23.31 | 85.21 |
| 0.753 | 11.59 | 12.35 | 0.60 | | -1.61 | | 0.61 | | -0.28 | | 0.46 | | -46.78 | | -15.07 | 100.45 |
| 0.902 | 11.94 | 12.67 | 0.54 | | -1.64 | | 0.64 | | -0.47 | | 0.35 | | -33.25 | | -14.75 | 101.05 |
| 1.000 | 15.61 | 15.61 |  | |  | |  | |  | | 0.49 | | -32.65 | | -6.15 | 83.47 |
| ***12-2-12 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.83 | 0.83 |  | |  | |  | |  | | 0.29 | | -66.32 | | -22.60 | 146.25 |
| 0.128 | 0.79 | 0.95 | 0.13 | | -2.46 | | 0.01 | | -3.72 | | 0.27 | | -68.03 | | -31.92 | 117.62 |
| 0.268 | 0.90 | 1.13 | 0.16 | | -2.57 | | 0.02 | | -3.08 | | 0.32 | | -64.72 | | -34.22 | 99.74 |
| 0.449 | 1.06 | 1.38 | 0.20 | | -2.79 | | 0.04 | | -2.84 | | 0.31 | | -63.89 | | -34.38 | 96.94 |
| 0.604 | 1.30 | 1.82 | 0.24 | | -2.76 | | 0.07 | | -2.59 | | 0.48 | | -55.65 | | -25.89 | 93.63 |
| 0.753 | 2.07 | 3.17 | 0.33 | | -2.41 | | 0.18 | | -2.32 | | 0.59 | | -45.86 | | -14.92 | 102.25 |
| 0.902 | 4.51 | 5.87 | 0.21 | | -2.33 | | 0.11 | | -2.94 | | 0.57 | | -41.24 | | -8.74 | 104.71 |
| 1.000 | 13.96 | 13.96 |  | |  | |  | |  | | 0.33 | | -34.40 | | -2.90 | 102.11 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.89 | 0.89 |  | |  | |  | |  | | 0.31 | | -66.96 | | -23.73 | 140.96 |
| 0.128 | 1.00 | 1.01 | - | | - | | - | | - | | 0.27 | | -68.90 | | -34.14 | 109.08 |
| 0.268 | 1.03 | 1.19 | 0.13 | | -2.02 | | 0.02 | | -2.50 | | 0.30 | | -66.77 | | -36.93 | 94.14 |
| 0.449 | 1.27 | 1.45 | 0.14 | | -2.24 | | 0.04 | | -1.80 | | 0.41 | | -59.75 | | -33.80 | 82.42 |
| 0.604 | 1.49 | 1.89 | 0.21 | | -2.21 | | 0.07 | | -2.02 | | 0.47 | | -55.65 | | -25.89 | 94.61 |
| 0.753 | 2.28 | 3.25 | 0.31 | | -2.26 | | 0.18 | | -1.91 | | 0.62 | | -45.54 | | -14.95 | 96.38 |
| 0.902 | 5.46 | 7.45 | 0.34 | | -1.78 | | 0.26 | | -1.47 | | 0.44 | | -40.74 | | -10.24 | 91.34 |
| 1.000 | 14.17 | 14.17 |  | |  | |  | |  | | 0.33 | | -35.29 | | -3.08 | 101.14 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.07 | 1.07 |  | |  | |  | |  | | 0.38 | | -64.38 | | -23.96 | 127.94 |
| 0.128 | 1.25 | 1.20 | - | | - | | - | | - | | 0.37 | | -64.01 | | -33.43 | 96.41 |
| 0.268 | 1.46 | 1.38 | - | | - | | - | | - | | 0.39 | | -61.93 | | -36.94 | 80.25 |
| 0.449 | 1.68 | 1.64 | - | | - | | - | | - | | 0.35 | | -63.33 | | -37.96 | 80.21 |
| 0.604 | 1.96 | 2.08 | - | | - | | - | | - | | 0.42 | | -58.30 | | -28.74 | 93.75 |
| 0.753 | 2.90 | 3.47 | 0.27 | | -1.31 | | 0.28 | | -1.12 | | 0.58 | | -47.67 | | -16.55 | 98.62 |
| 0.902 | 6.46 | 8.94 | 0.24 | | -1.52 | | 0.21 | | -1.47 | | 0.45 | | -40.12 | | -14.47 | 99.41 |
| 1.000 | 14.54 | 14.54 |  | |  | |  | |  | | 0.49 | | -32.86 | | -2.97 | 94.64 |
| ***5.0% tert BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.77 | 0.77 |  | |  | |  | |  | | 0.23 | | -70.19 | | -30.67 | 128.25 |
| 0.128 | 0.64 | 0.89 | 0.18 | | -3.59 | | 0.00 | | -4.87 | | 0.33 | | -65.78 | | -45.74 | 65.14 |
| 0.268 | 0.71 | 1.05 | 0.21 | | -2.30 | | 0.02 | | -4.19 | | 0.33 | | -65.11 | | -42.05 | 75.47 |
| 0.449 | 0.87 | 1.29 | 0.23 | | -2.40 | | 0.04 | | -3.52 | | 0.37 | | -61.70 | | -43.54 | 59.65 |
| 0.604 | 1.12 | 1.70 | 0.26 | | -2.77 | | 0.07 | | -3.03 | | 0.45 | | -56.05 | | -39.40 | 54.84 |
| 0.753 | 1.85 | 2.98 | 0.34 | | -2.58 | | 0.18 | | -2.58 | | 0.60 | | -45.94 | | -27.35 | 60.12 |
| 0.753 | 2.74 | 3.65 | 0.33 | | -2.33 | | 0.17 | | -3.51 | | 0.55 | | -44.23 | | -17.45 | 78.10 |
| 1.000 | 13.17 | 13.17 |  | |  | |  | |  | | 0.38 | | -33.48 | | -5.79 | 90.11 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.93 | 0.93 |  | |  | |  | |  | | 0.30 | | -67.36 | | -30.95 | 114.62 |
| 0.128 | 0.86 | 1.04 | 0.13 | | -2.90 | | 0.01 | | -3.72 | | 0.36 | | -64.79 | | -47.80 | 53.14 |
| 0.268 | 0.97 | 1.20 | 0.16 | | -2.87 | | 0.02 | | -3.06 | | 0.37 | | -63.34 | | -43.47 | 62.78 |
| 0.449 | 1.04 | 1.43 | 0.21 | | -3.09 | | 0.04 | | -3.08 | | 0.40 | | -61.54 | | -45.59 | 50.61 |
| 0.604 | 1.36 | 1.82 | 0.23 | | -2.95 | | 0.07 | | -2.38 | | 0.46 | | -56.80 | | -42.02 | 46.03 |
| 0.753 | 2.08 | 3.04 | 0.32 | | -2.58 | | 0.18 | | -2.09 | | 0.66 | | -43.74 | | -27.23 | 52.27 |
| 0.902 | 3.26 | 4.44 | 0.33 | | -2.26 | | 0.14 | | -2.07 | | 0.63 | | -41.24 | | -17.54 | 51.42 |
| 1.000 | 12.79 | 12.79 |  | |  | |  | |  | | 0.48 | | -32.59 | | -5.80 | 84.44 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.07 | 1.07 |  | |  | |  | |  | | 0.40 | | -63.05 | | -30.29 | 103.63 |
| 0.128 | 1.13 | 1.21 | 0.07 | | -2.10 | | 0.01 | | -2.39 | | 0.43 | | -61.18 | | -47.79 | 42.25 |
| 0.268 | 1.31 | 1.40 | 0.08 | | -2.07 | | 0.02 | | -1.56 | | 0.39 | | -62.79 | | -45.75 | 53.86 |
| 0.449 | 1.48 | 1.68 | 0.14 | | -2.01 | | 0.04 | | -1.80 | | 0.46 | | -57.83 | | -45.71 | 38.95 |
| 0.604 | 1.97 | 2.16 | 0.15 | | -2.08 | | 0.07 | | -1.08 | | 0.46 | | -56.50 | | -44.72 | 37.41 |
| 0.753 | 3.06 | 3.66 | 0.27 | | -1.84 | | 0.18 | | -1.12 | | 0.56 | | -48.91 | | -32.67 | 51.63 |
| 0.902 | 4.78 | 6.31 | 0.21 | | -1.90 | | 0.14 | | -1.64 | | 0.51 | | -45.62 | | -22.31 | 78.27 |
| 1.000 | 15.61 | 15.61 |  | |  | |  | |  | | 0.49 | | -32.65 | | -6.15 | 83.47 |
| ***14-2-14 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.11 | 0.11 |  | |  | |  | |  | | 0.21 | | -83.74 | | -39.73 | 147.31 |
| 0.128 | 0.10 | 0.13 | 0.14 | | -3.91 | | 0.00 | | -6.35 | | 0.40 | | -72.14 | | -50.21 | 71.52 |
| 0.268 | 0.13 | 0.17 | 0.14 | | -4.05 | | 0.00 | | -5.10 | | 0.45 | | -67.57 | | -43.73 | 77.17 |
| 0.449 | 0.15 | 0.22 | 0.18 | | -4.36 | | 0.01 | | -5.23 | | 0.45 | | -66.65 | | -46.15 | 66.53 |
| 0.604 | 0.18 | 0.30 | 0.22 | | -4.62 | | 0.01 | | -5.35 | | 0.48 | | -63.41 | | -43.66 | 64.20 |
| 0.753 | 0.36 | 0.60 | 0.25 | | -3.82 | | 0.03 | | -4.40 | | 0.69 | | -48.20 | | -38.19 | 32.14 |
| 0.902 | 0.45 | 0.89 | 0.27 | | -3.83 | | 0.04 | | -5.31 | | 0.74 | | -33.25 | | -14.57 | 66.95 |
| 1.000 | 13.96 | 13.96 |  | |  | |  | |  | | 0.33 | | -34.40 | | -2.90 | 102.11 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.14 | 0.14 |  | |  | |  | |  | | 0.23 | | -84.02 | | -41.93 | 136.62 |
| 0.128 | 0.15 | 0.16 | 0.07 | | -3.95 | | 0.00 | | -4.42 | | 0.42 | | -70.78 | | -52.40 | 58.21 |
| 0.268 | 0.18 | 0.20 | 0.08 | | -3.90 | | 0.00 | | -3.64 | | 0.46 | | -67.35 | | -46.10 | 67.14 |
| 0.449 | 0.22 | 0.25 | 0.11 | | -3.85 | | 0.01 | | -3.54 | | 0.47 | | -65.91 | | -48.50 | 55.58 |
| 0.604 | 0.25 | 0.33 | 0.17 | | -3.72 | | 0.01 | | -4.06 | | 0.53 | | -60.93 | | -44.43 | 52.62 |
| 0.753 | 0.42 | 0.64 | 0.23 | | -3.20 | | 0.03 | | -3.87 | | 0.67 | | -49.84 | | -41.95 | 27.14 |
| 0.902 | 0.88 | 1.74 | 0.21 | | -2.81 | | 0.08 | | -3.44 | | 0.64 | | -29.11 | | -11.67 | 21.75 |
| 1.000 | 14.17 | 14.17 |  | |  | |  | |  | | 0.33 | | -35.29 | | -3.08 | 101.14 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.17 | 0.17 |  | |  | |  | |  | | 0.29 | | -81.13 | | -42.42 | 121.95 |
| 0.128 | 0.21 | 0.19 | - | | - | | - | | - | | 0.47 | | -68.33 | | -53.56 | 46.08 |
| 0.268 | 0.27 | 0.23 | - | | - | | - | | - | | 0.52 | | -63.42 | | -46.27 | 54.46 |
| 0.449 | 0.30 | 0.28 | - | | - | | - | | - | | 0.58 | | -59.00 | | -46.08 | 41.37 |
| 0.604 | 0.37 | 0.37 | - | | - | | - | | - | | 0.63 | | -54.99 | | -42.79 | 38.82 |
| 0.753 | 0.65 | 0.68 | - | | - | | - | | - | | 0.67 | | -49.84 | | -44.39 | 17.10 |
| 0.902 | 1.46 | 2.78 | - | | - | | - | | - | | 0.64 | | -37.46 | | -11.64 | 44.47 |
| 1.000 | 14.54 | 14.54 |  | |  | |  | |  | | 0.49 | | -32.86 | | -2.97 | 94.64 |
| ***5.0% tert BuOH*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.11 | 0.11 |  | |  | |  | |  | | 0.39 | | -72.29 | | -33.27 | 127.08 |
| 0.128 | 0.10 | 0.13 | 0.14 | | -2.92 | | 0.00 | | -6.33 | | 0.53 | | -63.79 | | -58.60 | 27.24 |
| 0.268 | 0.12 | 0.16 | 0.14 | | -3.12 | | 0.00 | | -5.11 | | 0.50 | | -64.46 | | -55.20 | 30.15 |
| 0.449 | 0.15 | 0.20 | 0.17 | | -3.02 | | 0.01 | | -4.96 | | 0.50 | | -63.74 | | -58.69 | 26.02 |
| 0.604 | 0.21 | 0.28 | 0.19 | | -3.16 | | 0.01 | | -4.49 | | 0.56 | | -58.18 | | -41.57 | 54.61 |
| 0.753 | 0.39 | 0.57 | 0.22 | | -3.12 | | 0.03 | | -3.59 | | 0.64 | | -50.62 | | -32.57 | 58.74 |
| 0.902 | 0.74 | 1.56 | 0.32 | | -2.66 | | 008 | | -2.46 | | 0.61 | | -40.23 | | -11.45 | 71.84 |
| 1.000 | 13.17 | 13.17 |  | |  | |  | |  | | 0.38 | | -33.48 | | -5.79 | 90.11 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.13 | 0.13 |  | |  | |  | |  | | 0.49 | | -67.23 | | -32.50 | 109.62 |
| 0.128 | 0.16 | 0.15 | - | | - | | - | | - | | 0.57 | | -60.73 | | -59.69 | 30.15 |
| 0.268 | 0.20 | 0.18 | - | | - | | - | | - | | 0.55 | | -60.95 | | -55.94 | 26.21 |
| 0.449 | 0.23 | 0.23 | - | | - | | - | | - | | 0.52 | | -61.96 | | -61.04 | 31.04 |
| 0.604 | 0.29 | 0.30 | 0.07 | | -2.13 | | 0.04 | | -1.95 | | 0.60 | | -55.88 | | -42.39 | 42.17 |
| 0.753 | 0.55 | 0.58 | - | | - | | - | | - | | 0.69 | | -47.65 | | -32.60 | 47.62 |
| 0.902 | 0.98 | 2.14 | - | | - | | - | | - | | 0.64 | | -40.56 | | -17.23 | 52.32 |
| 1.000 | 12.79 | 12.79 |  | |  | |  | |  | | 0.48 | | -32.59 | | -5.80 | 84.44 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.18 | 0.18 |  | |  | |  | |  | | 0.58 | | -61.20 | | -31.37 | 94.10 |
| 0.128 | 0.27 | 0.21 | - | | - | | - | | - | | 0.64 | | -55.72 | | -59.07 | 20.25 |
| 0.268 | 0.30 | 0.24 | - | | - | | - | | - | | 0.60 | | -57.78 | | -56.64 | 30.32 |
| 0.449 | 0.41 | 0.30 | - | | - | | - | | - | | 0.54 | | -60.03 | | -64.00 | 32.12 |
| 0.604 | 0.42 | 0.39 | - | | - | | - | | - | | 0.59 | | -56.89 | | -45.98 | 34.14 |
| 0.753 | 0.66 | 0.73 | 0.11 | | -1.05 | | 0.09 | | -1.55 | | 0.64 | | -51.38 | | -36.86 | 46.63 |
| 0.902 | 0.62 | 0.84 | 0.12 | | -1.24 | | 0.07 | | -1.31 | | 0.65 | | -41.74 | | -14.25 | 66.21 |
| 1.000 | 15.61 | 15.61 |  | |  | |  | |  | | 0.49 | | -32.65 | | -6.15 | 83.47 |
| ***10-2-10 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 7.33 | 7.33 |  | |  | |  | |  | | 0.31 | | -52.50 | | -6.48 | 154.23 |
| 0.128 | 7.53 | 7.91 | - | | - | | - | | - | | 0.35 | | -50.57 | | -20.37 | 98.15 |
| 0.268 | 8.53 | 8.62 | - | | - | | - | | - | | 0.42 | | -46.93 | | -26.87 | 65.42 |
| 0.449 | 9.24 | 9.52 | 0.26 | | -1.70 | | 0.24 | | -0.16 | | 0.38 | | -48.41 | | -23.67 | 80.61 |
| 0.604 | 10.76 | 10.66 | - | | - | | - | | - | | 0.35 | | -48.60 | | -28.27 | 66.47 |
| 0.753 | 12.66 | 12.81 | 0.61 | | -1.90 | | 0.61 | | -0.06 | | 0.32 | | -49.22 | | -24.52 | 80.20 |
| 0.902 | 14.25 | 15.23 | 0.64 | | -1.95 | | 0.63 | | -0.15 | | 0.28 | | -39.42 | | -14.74 | 87.85 |
| 1.000 | 16.29 | 16.29 |  | |  | |  | |  | | 0.25 | | -35.21 | | -5.93 | 95.14 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 7.80 | 7.80 |  | |  | |  | |  | | 0.35 | | -52.06 | | -6.69 | 147.38 |
| 0.128 | 8.93 | 7.78 | - | | - | | - | | - | | 0.29 | | -54.34 | | -23.07 | 98.25 |
| 0.268 | 9.21 | 8.52 | - | | - | | - | | - | | 0.39 | | -49.54 | | -29.57 | 63.41 |
| 0.449 | 10.35 | 9.45 | 0.18 | | - | | 0.24 | | 0.59 | | 0.30 | | -52.91 | | -27.09 | 81.09 |
| 0.604 | 11.87 | 10.64 | 0.30 | | - | | 0.37 | | 0.66 | | 0.28 | | -52.79 | | -32.10 | 65.27 |
| 0.753 | 14.00 | 12.87 | 0.58 | | - | | 0.61 | | 0.78 | | 0.32 | | -50.14 | | -26.13 | 75.14 |
| 0.902 | 16.25 | 15.78 | 0.54 | | - | | 0.66 | | 0.34 | | 0.31 | | -40.17 | | -15.42 | 78.53 |
| 1.000 | 16.48 | 16.48 |  | |  | |  | |  | | 0.27 | | -36.03 | | -6.28 | 93.61 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 7.49 | 7.49 |  | |  | |  | |  | | 0.36 | | -53.57 | | -07.12 | 146.60 |
| 0.128 | 8.93 | 8.15 | - | | - | | - | | - | | 0.44 | | -49.03 | | -21.49 | 86.14 |
| 0.268 | 10.76 | 8.95 | - | | - | | - | | - | | 0.40 | | -49.83 | | -31.27 | 58.72 |
| 0.449 | 11.60 | 9.98 | 0.13 | | - | | 0.24 | | 1.03 | | 0.36 | | -50.96 | | -27.30 | 74.16 |
| 0.604 | 13.40 | 11.26 | 0.26 | | - | | 0.37 | | 0.97 | | 0.33 | | -51.64 | | -32.89 | 59.12 |
| 0.753 | 16.08 | 13.71 | 0.55 | | - | | 0.61 | | 1.32 | | 0.33 | | -50.58 | | -27.68 | 72.54 |
| 0.902 | 16.45 | 16.87 | 0.52 | | - | | 0.58 | | 1.11 | | 0.34 | | -43.25 | | -14.25 | 79.82 |
| 1.000 | 17.65 | 17.65 |  | |  | |  | |  | | 0.37 | | -34.77 | | -6.31 | 89.63 |
| ***5.0% PG*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 6.79 | 6.79 |  | |  | |  | |  | | 0.24 | | -56.11 | | -15.23 | 137.82 |
| 0.128 | 7.37 | 7.43 | - | | - | | - | | - | | 0.35 | | -50.88 | | -18.53 | 105.21 |
| 0.268 | 8.03 | 8.23 | - | | - | | - | | - | | 0.43 | | -46.81 | | -12.91 | 110.47 |
| 0.449 | 9.24 | 9.23 | - | | - | | - | | - | | 0.33 | | -54.53 | | -15.78 | 122.62 |
| 0.604 | 10.42 | 10.50 | - | | - | | - | | - | | 0.38 | | -47.50 | | -12.35 | 114.10 |
| 0.753 | 12.58 | 12.90 | 0.61 | | -1.73 | | 0.61 | | -0.14 | | 0.25 | | -52.01 | | -11.27 | 132.31 |
| 0.902 | 13.62 | 14.25 | 0.67 | | -1.55 | | 0.63 | | -0.24 | | 0.21 | | -42.53 | | -10.23 | 122.21 |
| 1.000 | 16.78 | 16.78 |  | |  | |  | |  | | 0.24 | | -35.44 | | -6.00 | 95.52 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 7.26 | 7.26 |  | |  | |  | |  | | 0.23 | | -58.29 | | -16.47 | 136.82 |
| 0.128 | 9.51 | 7.90 | - | | - | | - | | - | | 0.22 | | -56.84 | | -22.02 | 109.16 |
| 0.268 | 10.21 | 8.69 | - | | - | | - | | - | | 0.23 | | -56.00 | | -16.42 | 124.37 |
| 0.449 | 11.48 | 9.68 | 0.11 | | - | | 0.24 | | 1.22 | | 0.24 | | -54.53 | | -15.78 | 122.94 |
| 0.604 | 11.80 | 10.94 | 0.33 | | - | | 0.37 | | 0.43 | | 0.30 | | -51.86 | | -14.14 | 118.25 |
| 0.753 | 14.75 | 13.33 | 0.58 | | - | | 0.61 | | 0.88 | | 0.28 | | -51.30 | | -11.71 | 124.20 |
| 0.902 | 15.03 | 15.23 | 0.54 | | - | | 0.63 | | 0.44 | | 0.64 | | -41.25 | | -10.25 | 102.62 |
| 1.000 | 17.17 | 17.17 |  | |  | |  | |  | | 0.27 | | -35.82 | | -6.28 | 93.14 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 8.00 | 8.00 |  | |  | |  | |  | | 0.21 | | -60.56 | | -17.86 | 134.27 |
| 0.128 | 9.93 | 8.70 | - | | - | | - | | - | | 0.26 | | -56.37 | | -22.66 | 106.46 |
| 0.268 | 10.11 | 9.57 | 0.10 | | - | | 0.14 | | 0.52 | | 0.27 | | -56.13 | | -16.97 | 123.25 |
| 0.449 | 11.15 | 10.67 | 0.22 | | - | | 0.24 | | 0.25 | | 0.29 | | -54.51 | | -16.23 | 120.18 |
| 0.604 | 12.43 | 12.06 | 0.36 | | - | | 0.37 | | 0.15 | | 0.33 | | -52.05 | | -14.75 | 117.35 |
| 0.753 | 14.67 | 14.68 | - | | - | | - | | - | | 0.32 | | -51.24 | | -11.71 | 124.41 |
| 0.902 | 15.42 | 15.84 | - | | - | | - | | - | | 0.30 | | -40.23 | | -8.78 | 115.74 |
| 1.000 | 18.92 | 18.92 |  | |  | |  | |  | | 0.30 | | -35.83 | | -6.57 | 92.35 |
| ***12-2-12 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.92 | 0.92 |  | |  | |  | |  | | 0.22 | | -69.55 | | -22.34 | 158.45 |
| 0.128 | 0.92 | 1.06 | 0.11 | | -2.22 | | 0.01 | | -3.29 | | 0.29 | | -66.25 | | -46.25 | 65.15 |
| 0.268 | 1.13 | 1.27 | 0.11 | | -1.57 | | 0.02 | | -2.14 | | 0.27 | | -65.90 | | -40.67 | 82.85 |
| 0.449 | 1.22 | 1.57 | 0.19 | | -1.56 | | 0.04 | | -2.68 | | 0.29 | | -64.45 | | -39.33 | 81.26 |
| 0.604 | 1.72 | 2.07 | 0.19 | | -1.63 | | 0.07 | | -1.70 | | 0.41 | | -56.16 | | -30.32 | 84.34 |
| 0.753 | 2.19 | 3.66 | 0.34 | | -1.50 | | 0.18 | | -2.66 | | 0.59 | | -46.42 | | -28.07 | 58.17 |
| 0.902 | 4.15 | 6.34 | 0.23 | | -2.47 | | 0.11 | | -2.45 | | 0.45 | | -41.23 | | -15.65 | 74.95 |
| 1.000 | 16.29 | 16.29 |  | |  | |  | |  | | 0.25 | | -35.21 | | -5.93 | 95.14 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.03 | 1.03 |  | |  | |  | |  | | 0.28 | | -68.25 | | -22.89 | 147.16 |
| 0.128 | 1.13 | 1.17 | - | | - | | - | | - | | 0.24 | | -69.72 | | -51.26 | 58.94 |
| 0.268 | 1.38 | 1.38 | - | | - | | - | | - | | 0.25 | | -67.59 | | -43.92 | 74.24 |
| 0.449 | 1.51 | 1.68 | 0.13 | | -1.52 | | 0.04 | | -1.63 | | 0.36 | | -61.27 | | -39.43 | 69.78 |
| 0.604 | 1.84 | 2.19 | 0.19 | | -1.69 | | 0.07 | | -1.68 | | 0.40 | | -58.15 | | -32.65 | 80.61 |
| 0.753 | 2.56 | 3.78 | 0.32 | | -2.00 | | 0.18 | | -2.11 | | 0.59 | | -46.42 | | -28.07 | 58.31 |
| 0.902 | 5.24 | 6.78 | 0.31 | | -1.63 | | 0.13 | | -1.04 | | 0.54 | | -33.12 | | -14.45 | 77.47 |
| 1.000 | 16.48 | 16.48 |  | |  | |  | |  | | 0.27 | | -36.03 | | -6.28 | 93.61 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.17 | 1.17 |  | |  | |  | |  | | 0.31 | | -67.92 | | -23.79 | 138.20 |
| 0.128 | 1.56 | 1.32 | - | | - | | - | | - | | 0.30 | | -66.36 | | -51.92 | 45.15 |
| 0.268 | 1.76 | 1.54 | - | | - | | - | | - | | 0.29 | | -66.41 | | -48.05 | 58.47 |
| 0.449 | 1.99 | 1.86 | - | | - | | - | | - | | 0.32 | | -63.95 | | -43.63 | 64.95 |
| 0.604 | 2.32 | 2.41 | - | | - | | - | | - | | 0.40 | | -58.82 | | -34.89 | 75.62 |
| 0.753 | 3.51 | 4.10 | 0.26 | | -1.25 | | 0.29 | | -0.98 | | 0.55 | | -48.53 | | -31.29 | 54.15 |
| 0.902 | 6.31 | 7.48 | 0.22 | | -1.84 | | 0.24 | | -0.91 | | 0.51 | | -33.25 | | -15.41 | 64.46 |
| 1.000 | 17.65 | 17.65 |  | |  | |  | |  | | 0.37 | | -34.77 | | -6.31 | 89.63 |
| ***5.0% PG*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.85 | 0.85 |  | |  | |  | |  | | 0.21 | | -70.82 | | -28.92 | 136.62 |
| 0.128 | 0.98 | 1.00 | - | | - | | - | | - | | 0.28 | | -66.16 | | -52.98 | 43.14 |
| 0.268 | 1.06 | 1.22 | 0.13 | | -1.29 | | 0.02 | | -2.49 | | 0.30 | | -64.33 | | -50.38 | 45.54 |
| 0.449 | 1.29 | 1.54 | 0.16 | | -1.42 | | 0.04 | | -2.14 | | 0.27 | | -65.13 | | -42.87 | 72.47 |
| 0.604 | 1.58 | 2.08 | 0.22 | | -1.70 | | 0.07 | | -2.21 | | 0.41 | | -56.39 | | -38.15 | 59.85 |
| 0.753 | 2.45 | 3.75 | 0.33 | | -1.90 | | 0.18 | | -2.33 | | 0.57 | | -46.03 | | -30.04 | 52.32 |
| 0.902 | 4.34 | 5.64 | 0.24 | | -1.87 | | 0.15 | | -2.34 | | 0.45 | | -33.58 | | -14.25 | 77.16 |
| 1.000 | 16.78 | 16.78 |  | |  | |  | |  | | 0.24 | | -35.44 | | -6.00 | 95.52 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.12 | 1.12 |  | |  | |  | |  | | 0.21 | | -71.27 | | -30.84 | 127.25 |
| 0.128 | 1.39 | 1.27 | - | | - | | - | | - | | 0.31 | | -66.16 | | -52.98 | 43.14 |
| 0.268 | 1.54 | 1.48 | - | | - | | - | | - | | 0.32 | | -63.35 | | -53.10 | 32.58 |
| 0.449 | 1.79 | 1.78 | - | | - | | - | | - | | 0.35 | | -60.91 | | -42.74 | 57.65 |
| 0.604 | 1.97 | 2.30 | 0.18 | | -0.92 | | 0.07 | | -1.53 | | 0.41 | | -57.20 | | -40.86 | 51.45 |
| 0.753 | 2.62 | 3.91 | 0.32 | | -1.59 | | 0.18 | | -2.13 | | 0.57 | | -47.61 | | -32.32 | 74.77 |
| 0.902 | 5.63 | 7.15 | 0.22 | | -1.51 | | 0.44 | | -1.26 | | 0.47 | | -34.25 | | -15.23 | 88.46 |
| 1.000 | 17.17 | 17.17 |  | |  | |  | |  | | 0.27 | | -35.82 | | -6.28 | 93.14 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.23 | 1.23 |  | |  | |  | |  | | 0.22 | | -72.36 | | -32.62 | 125.62 |
| 0.128 | 1.77 | 1.40 | - | | - | | - | | - | | 0.30 | | -65.66 | | -59.29 | 30.14 |
| 0.268 | 2.06 | 1.63 | - | | - | | - | | - | | 0.42 | | -58.18 | | -51.79 | 30.15 |
| 0.449 | 2.25 | 1.97 | - | | - | | - | | - | | 0.35 | | -61.28 | | -45.41 | 50.22 |
| 0.604 | 2.61 | 2.56 | - | | - | | - | | - | | 0.42 | | -56.65 | | -42.95 | 43.32 |
| 0.753 | 3.80 | 4.38 | 0.25 | | -1.24 | | 0.24 | | -0.86 | | 0.54 | | -48.44 | | -35.27 | 41.41 |
| 0.902 | 7.45 | 8.99 | 0.33 | | -1.77 | | 0.14 | | -1.44 | | 0.47 | | -32.14 | | -15.23 | 87.21 |
| 1.000 | 18.92 | 18.92 |  | |  | |  | |  | | 0.30 | | -35.83 | | -6.57 | 92.35 |
| ***14-2-14 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  | |  | |  | |  | | 0.21 | | -82.13 | | -22.57 | 199.05 |
| 0.128 | 0.16 | 0.17 | 0.07 | | -3.66 | | 0.00 | | -4.41 | | 0.28 | | -76.89 | | -56.66 | 66.21 |
| 0.268 | 0.18 | 0.21 | 0.10 | | -3.69 | | 0.00 | | -4.13 | | 0.33 | | -73.35 | | -51.85 | 70.62 |
| 0.449 | 0.23 | 0.27 | 0.12 | | -3.15 | | 0.01 | | -3.77 | | 0.35 | | -70.80 | | -45.93 | 81.14 |
| 0.604 | 0.29 | 0.37 | 0.16 | | -3.26 | | 0.01 | | -3.80 | | 0.45 | | -63.22 | | -38.09 | 82.75 |
| 0.753 | 0.48 | 0.72 | 0.23 | | -3.03 | | 0.03 | | -3.83 | | 0.64 | | -49.38 | | -30.79 | 60.62 |
| 0.902 | 0.88 | 1.45 | 0.26 | | -2.94 | | 0.08 | | -3.94 | | 0.57 | | -36.58 | | -20.12 | 77.18 |
| 1.000 | 16.29 | 16.29 |  | |  | |  | |  | | 0.25 | | -35.21 | | -5.93 | 95.14 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.16 | 0.16 |  | |  | |  | |  | | 0.22 | | -83.74 | | -23.90 | 194.96 |
| 0.128 | 0.22 | 0.19 | - | | - | | - | | - | | 0.36 | | -72.68 | | -56.67 | 50.25 |
| 0.268 | 0.25 | 0.23 | - | | - | | - | | - | | 0.33 | | -73.65 | | -55.06 | 58.86 |
| 0.449 | 0.29 | 0.29 | - | | - | | - | | - | | 0.35 | | -70.80 | | -45.93 | 81.35 |
| 0.604 | 0.34 | 0.39 | 0.10 | | -1.75 | | 0.01 | | -2.59 | | 0.47 | | -63.21 | | -39.88 | 73.21 |
| 0.753 | 0.58 | 0.74 | 0.18 | | -2.67 | | 0.03 | | -2.77 | | 0.61 | | -52.19 | | -34.19 | 56.14 |
| 0.902 | 1.42 | 2.53 | 0.12 | | -2.56 | | 0.04 | | -2.15 | | 0.64 | | -42.13 | | -15.46 | 74.25 |
| 1.000 | 16.48 | 16.48 |  | |  | |  | |  | | 0.27 | | -36.03 | | -6.28 | 93.61 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.19 | 0.19 |  | |  | |  | |  | | 0.23 | | -84.81 | | -25.34 | 187.63 |
| 0.128 | 0.30 | 0.22 | - | | - | | - | | - | | 0.38 | | -71.44 | | -59.10 | 39.14 |
| 0.268 | 0.35 | 0.27 | - | | - | | - | | - | | 0.36 | | -72.36 | | -57.50 | 47.48 |
| 0.449 | 0.44 | 0.33 | - | | - | | - | | - | | 0.41 | | -67.51 | | -49.28 | 57.95 |
| 0.604 | 0.52 | 0.44 | - | | - | | - | | - | | 0.47 | | -62.91 | | -42.43 | 64.27 |
| 0.753 | 0.75 | 0.81 | 0.10 | | -1.28 | | 0.03 | | -1.37 | | 0.58 | | -54.33 | | -37.58 | 53.21 |
| 0.902 | 2.56 | 3.21 | 0.11 | | -1.13 | | 0.05 | | -1.02 | | 0.64 | | -44.26 | | -15.68 | 74.65 |
| 1.000 | 17.65 | 17.65 |  | |  | |  | |  | | 0.37 | | -34.77 | | -6.31 | 89.63 |
| ***5.0% PG*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.14 | 0.14 |  | |  | |  | |  | | 0.52 | | -62.35 | | -27.98 | 111.14 |
| 0.128 | 0.16 | 0.16 | - | | - | | - | | - | | 0.26 | | -78.60 | | -78.73 | 30.45 |
| 0.268 | 0.20 | 0.21 | 0.04 | | -2.31 | | 0.00 | | -2.52 | | 0.41 | | -67.58 | | -55.56 | 39.62 |
| 0.449 | 0.24 | 0.26 | 0.09 | | -2.36 | | 0.01 | | -3.11 | | 0.38 | | -68.51 | | -56.23 | 40.31 |
| 0.604 | 0.30 | 0.37 | 0.15 | | -2.56 | | 0.01 | | -3.59 | | 0.50 | | -60.26 | | -47.40 | 42.47 |
| 0.753 | 0.49 | 0.73 | 0.23 | | -2.75 | | 0.03 | | -3.83 | | 0.45 | | -60.36 | | -38.80 | 70.18 |
| 0.902 | 0.77 | 1.46 | 0.45 | | -2.46 | | 0.03 | | -3.35 | | 0.42 | | -40.25 | | -18.75 | 80.92 |
| 1.000 | 16.78 | 16.78 |  | |  | |  | |  | | 0.24 | | -35.44 | | -6.00 | 95.52 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.18 | 0.18 |  | |  | |  | |  | | 0.55 | | -61.86 | | -29.22 | 103.58 |
| 0.128 | 0.23 | 0.20 | - | | - | | - | | - | | 0.34 | | -73.50 | | -78.40 | 25.42 |
| 0.268 | 0.28 | 0.24 | - | | - | | - | | - | | 0.46 | | -64.80 | | -56.61 | 26.62 |
| 0.449 | 0.31 | 0.30 | - | | - | | - | | - | | 0.46 | | -64.69 | | -56.06 | 27.47 |
| 0.604 | 0.40 | 0.41 | - | | - | | - | | - | | 0.49 | | -60.96 | | -51.03 | 31.58 |
| 0.753 | 0.55 | 0.78 | 0.21 | | -2.75 | | 0.19 | | -3.41 | | 0.46 | | -61.35 | | -41.18 | 63.34 |
| 0.902 | 0.88 | 1.86 | 0.18 | | -3.20 | | 0.14 | | -3.64 | | 0.47 | | -41.78 | | -31.25 | 77.14 |
| 1.000 | 17.17 | 17.17 |  | |  | |  | |  | | 0.27 | | -35.82 | | -6.28 | 93.14 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.20 | 0.20 |  | |  | |  | |  | | 0.56 | | -62.33 | | -30.66 | 99.96 |
| 0.128 | 0.34 | 0.23 | - | | - | | - | | - | | 0.40 | | -69.77 | | -79.25 | 30.21 |
| 0.268 | 0.39 | 0.27 | - | | - | | - | | - | | 0.54 | | -60.30 | | -55.90 | 24.42 |
| 0.449 | 0.47 | 0.34 | - | | - | | - | | - | | 0.47 | | -63.67 | | -58.94 | 25.36 |
| 0.604 | 0.58 | 0.45 | - | | - | | - | | - | | 0.56 | | -56.81 | | -50.63 | 29.27 |
| 0.753 | 0.76 | 0.86 | 0.13 | | -1.86 | | 0.11 | | -1.87 | | 0.52 | | -57.74 | | -41.19 | 52.62 |
| 0.902 | 1.45 | 2.65 | 0.14 | | -2.03 | | 0.13 | | -1.11 | | 0.50 | | -47.48 | | -11.46 | 64.14 |
| 1.000 | 18.92 | 18.92 |  | |  | |  | |  | | 0.30 | | -35.83 | | -6.57 | 92.35 |
| ***10-2-10 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 5.33 | 5.33 |  | |  | |  | |  | | 0.18 | | -60.56 | | -17.24 | 145.31 |
| 0.128 | 6.28 | 6.04 | - | | - | | - | | - | | 0.27 | | -55.52 | | -10.22 | 147.14 |
| 0.268 | 6.98 | 6.92 | - | | - | | - | | - | | 0.31 | | -52.74 | | -6.00 | 152.25 |
| 0.449 | 8.71 | 8.04 | 0.19 | | - | | 0.24 | | 0.51 | | 0.27 | | -53.55 | | -8.93 | 145.32 |
| 0.604 | 9.64 | 9.44 | 0.36 | | - | | 0.37 | | 0.13 | | 0.33 | | -50.16 | | -11.85 | 124.18 |
| 0.753 | 12.50 | 12.10 | 0.60 | | - | | 0.61 | | 0.33 | | 0.29 | | -50.50 | | -14.55 | 117.64 |
| 0.902 | 13.94 | 13.46 | 0.55 | | - | | 0.44 | | 0.38 | | 0.44 | | -20.31 | | -10.46 | 108.47 |
| 1.000 | 16.39 | 16.39 |  | |  | |  | |  | | 0.25 | | -35.18 | | -3.85 | 102.51 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 5.80 | 5.80 |  | |  | |  | |  | | 0.25 | | -58.68 | | -16.43 | 137.83 |
| 0.128 | 7.49 | 6.54 | - | | - | | - | | - | | 0.28 | | -55.62 | | -10.80 | 141.25 |
| 0.268 | 8.80 | 7.46 | - | | - | | - | | - | | 0.34 | | -52.14 | | -6.30 | 144.68 |
| 0.449 | 9.64 | 8.62 | 0.16 | | - | | 0.24 | | 0.76 | | 0.25 | | -55.33 | | -9.65 | 143.74 |
| 0.604 | 11.04 | 10.08 | 0.32 | | - | | 0.37 | | 0.52 | | 0.34 | | -50.64 | | -12.56 | 120.18 |
| 0.753 | 13.89 | 12.86 | 0.59 | | - | | 0.61 | | 0.68 | | 0.32 | | -50.11 | | -15.11 | 110.94 |
| 0.902 | 15.65 | 14.78 | 0.64 | | - | | 0.66 | | 0.61 | | 0.38 | | -44.51 | | -11.46 | 101.63 |
| 1.000 | 17.33 | 17.33 |  | |  | |  | |  | | 0.32 | | -34.81 | | -3.96 | 97.25 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 6.30 | 6.30 |  | |  | |  | |  | | 0.33 | | -56.06 | | -16.36 | 125.92 |
| 0.128 | 8.13 | 7.07 | - | | - | | - | | - | | 0.29 | | -56.43 | | -11.41 | 141.12 |
| 0.268 | 8.69 | 8.02 | - | | - | | - | | - | | 0.39 | | -51.45 | | -6.41 | 141.42 |
| 0.449 | 10.24 | 9.22 | 0.17 | | - | | 0.24 | | 0.68 | | 0.31 | | -54.51 | | -9.82 | 139.61 |
| 0.604 | 12.15 | 10.74 | 0.29 | | - | | 0.37 | | 0.73 | | 0.37 | | -50.49 | | -13.08 | 118.58 |
| 0.753 | 15.50 | 13.61 | 0.56 | | - | | 0.61 | | 1.13 | | 0.32 | | -51.08 | | -16.12 | 110.98 |
| 0.902 | 16.43 | 15.45 | 0.46 | | - | | 0.64 | | 1.03 | | 0.44 | | -41.25 | | -11.45 | 111.47 |
| 1.000 | 18.24 | 18.24 |  | |  | |  | |  | | 0.32 | | -35.68 | | -4.22 | 99.65 |
| ***5.0% Gly*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 6.79 | 6.79 |  | |  | |  | |  | | 0.24 | | -55.99 | | -15.19 | 137.21 |
| 0.128 | 7.06 | 7.43 | 0.11 | | -1.41 | | 0.06 | | -0.73 | | 0.30 | | -53.39 | | -29.25 | 78.58 |
| 0.268 | 8.18 | 8.23 | - | | - | | - | | - | | 0.29 | | -52.97 | | -23.39 | 96.62 |
| 0.449 | 9.37 | 9.23 | - | | - | | - | | - | | 0.28 | | -52.30 | | -26.39 | 84.34 |
| 0.604 | 11.39 | 10.50 | 0.32 | | - | | 0.37 | | 0.50 | | 0.25 | | -52.51 | | -28.21 | 79.17 |
| 0.753 | 13.42 | 12.90 | 0.60 | | - | | 0.61 | | 0.37 | | 0.28 | | -50.40 | | -24.81 | 83.15 |
| 0.902 | 14.66 | 13.25 | 0.64 | | - | | 0.64 | | 0.43 | | 0.24 | | -40.25 | | -15.64 | 87.62 |
| 1.000 | 16.77 | 16.77 |  | |  | |  | |  | | 0.21 | | -35.85 | | -7.18 | 93.41 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 7.26 | 7.26 |  | |  | |  | |  | | 0.23 | | -58.29 | | -16.47 | 136.49 |
| 0.128 | 10.22 | 8.86 | - | | - | | - | | - | | 0.31 | | -52.57 | | -31.05 | 68.42 |
| 0.268 | 10.83 | 9.58 | - | | - | | - | | - | | 0.35 | | -36.83 | | -23.88 | 41.51 |
| 0.449 | 12.50 | 10.49 | 0.11 | | - | | 0.24 | | 1.23 | | 0.29 | | -51.86 | | -27.97 | 75.62 |
| 0.604 | 12.99 | 11.65 | 0.30 | | - | | 0.37 | | 0.66 | | 0.29 | | -51.81 | | -29.22 | 71.48 |
| 0.753 | 16.00 | 13.83 | 0.56 | | - | | 0.61 | | 1.21 | | 0.28 | | -50.99 | | -26.41 | 77.95 |
| 0.902 | 15.54 | 14.26 | 0.50 | | - | | 0.56 | | 1.11 | | 0.27 | | -40.31 | | -17.45 | 74.63 |
| 1.000 | 17.36 | 17.36 |  | |  | |  | |  | | 0.27 | | -35.73 | | -7.43 | 89.15 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 8.36 | 8.36 |  | |  | |  | |  | | 0.21 | | -60.26 | | -22.65 | 118.36 |
| 0.128 | 10.69 | 9.07 | - | | - | | - | | - | | 0.31 | | -53.93 | | -33.06 | 66.62 |
| 0.268 | 11.25 | 9.93 | - | | - | | - | | - | | 0.35 | | -51.49 | | -25.18 | 83.58 |
| 0.449 | 12.64 | 11.04 | 0.14 | | - | | 0.24 | | 0.94 | | 0.33 | | -51.96 | | -28.98 | 72.47 |
| 0.604 | 14.50 | 12.42 | 0.27 | | - | | 0.37 | | 0.89 | | 0.29 | | -52.61 | | -31.04 | 68.95 |
| 0.753 | 16.89 | 15.06 | 0.57 | | - | | 0.61 | | 1.01 | | 0.30 | | -51.41 | | -27.78 | 74.63 |
| 0.902 | 17.45 | 15.43 | 0.47 | | - | | 0.66 | | 1.21 | | 0.34 | | -46.55 | | -17.78 | 76.21 |
| 1.000 | 19.30 | 19.30 |  | |  | |  | |  | | 0.30 | | -35.71 | | -7.77 | 88.14 |
| ***12-2-12 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.91 | 0.91 |  | |  | |  | |  | | 0.23 | | -69.17 | | -25.11 | 148.45 |
| 0.128 | 0.96 | 1.05 | 0.09 | | -2.43 | | 0.01 | | -2.84 | | 0.28 | | -66.26 | | -39.67 | 86.62 |
| 0.268 | 0.99 | 1.26 | 0.17 | | -2.57 | | 0.02 | | -3.27 | | 0.39 | | -60.26 | | -33.72 | 86.47 |
| 0.449 | 1.25 | 1.56 | 0.18 | | -2.67 | | 0.04 | | -2.49 | | 0.41 | | -57.54 | | -32.70 | 81.25 |
| 0.604 | 1.45 | 2.07 | 0.25 | | -2.86 | | 0.07 | | -2.77 | | 0.51 | | -51.93 | | -27.82 | 78.61 |
| 0.753 | 2.35 | 3.67 | 0.33 | | -2.66 | | 0.18 | | -2.36 | | 0.63 | | -43.57 | | -21.97 | 70.20 |
| 0.902 | 4.25 | 5.64 | 0.32 | | -2.89 | | 0.22 | | -2.54 | | 0.54 | | -41.23 | | -18.49 | 74.35 |
| 1.000 | 16.39 | 16.39 |  | |  | |  | |  | | 0.25 | | -35.18 | | -3.85 | 102.51 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.01 | 1.01 |  | |  | |  | |  | | 0.27 | | -68.57 | | -25.97 | 138.63 |
| 0.128 | 1.11 | 1.16 | - | | - | | - | | - | | 0.24 | | -69.90 | | -43.80 | 82.14 |
| 0.268 | 1.35 | 1.38 | - | | - | | - | | - | | 0.30 | | -65.21 | | -38.82 | 83.58 |
| 0.449 | 1.55 | 1.70 | 0.12 | | -1.93 | | 0.04 | | -1.47 | | 0.36 | | -61.12 | | -36.64 | 77.62 |
| 0.604 | 1.87 | 2.24 | 0.19 | | -2.20 | | 0.07 | | -1.68 | | 0.48 | | -53.77 | | -30.51 | 73.10 |
| 0.753 | 3.08 | 3.91 | 0.29 | | -2.65 | | 0.18 | | -1.44 | | 0.62 | | -44.23 | | -23.68 | 64.18 |
| 0.902 | 5.78 | 6.97 | 0.26 | | -2.43 | | 0.17 | | -1.22 | | 0.64 | | -40.56 | | -15.86 | 62.02 |
| 1.000 | 17.33 | 17.33 |  | |  | |  | |  | | 0.32 | | -34.81 | | -3.96 | 97.25 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.19 | 1.19 |  | |  | |  | |  | | 0.33 | | -66.18 | | -26.27 | 125.80 |
| 0.128 | 1.51 | 1.35 | - | | - | | - | | - | | 0.35 | | -63.71 | | -42.46 | 67.14 |
| 0.268 | 1.74 | 1.58 | - | | - | | - | | - | | 0.35 | | -63.19 | | -39.79 | 74.25 |
| 0.449 | 2.01 | 1.91 | - | | - | | - | | - | | 0.41 | | -59.08 | | -37.50 | 68.65 |
| 0.604 | 2.42 | 2.47 | - | | - | | - | | - | | 0.46 | | -55.18 | | -33.16 | 69.17 |
| 0.753 | 3.80 | 4.22 | 0.24 | | -1.45 | | 0.26 | | -0.70 | | 0.59 | | -46.32 | | -26.17 | 63.68 |
| 0.902 | 6.54 | 7.36 | 0.21 | | -1.12 | | 0.29 | | -0.76 | | 0.31 | | -38.45 | | -16.89 | 64.32 |
| 1.000 | 18.24 | 18.24 |  | |  | |  | |  | | 0.32 | | -35.68 | | -4.22 | 99.65 |
| ***5.0% Gly*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.92 | 0.92 |  | |  | |  | |  | | 0.24 | | -68.66 | | -30.03 | 125.62 |
| 0.128 | 0.96 | 1.07 | 0.10 | | -2.50 | | 0.01 | | -3.05 | | 0.31 | | -64.75 | | -48.05 | 54.14 |
| 0.268 | 1.07 | 1.28 | 0.14 | | -2.56 | | 0.02 | | -2.70 | | 0.33 | | -63.13 | | -50.06 | 42.52 |
| 0.449 | 1.31 | 1.59 | 0.17 | | -2.80 | | 0.04 | | -2.30 | | 0.35 | | -60.58 | | -43.61 | 55.32 |
| 0.604 | 1.57 | 2.11 | 0.23 | | -2.98 | | 0.07 | | -2.39 | | 0.50 | | -52.10 | | -39.44 | 41.17 |
| 0.753 | 2.52 | 3.74 | 0.32 | | -2.65 | | 0.18 | | -2.12 | | 0.64 | | -42.59 | | -26.07 | 54.85 |
| 0.902 | 3.86 | 4.75 | 0.22 | | -2.82 | | 0.20 | | -2.51 | | 0.62 | | -33.12 | | -15.58 | 74..63 |
| 1.000 | 16.77 | 16.77 |  | |  | |  | |  | | 0.21 | | -35.85 | | -7.18 | 93.41 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.01 | 1.01 |  | |  | |  | |  | | 0.23 | | -70.91 | | -32.33 | 121.60 |
| 0.128 | 1.15 | 1.16 | - | | - | | - | | - | | 0.28 | | -67.52 | | -52.65 | 47.14 |
| 0.268 | 1.37 | 1.38 | - | | - | | - | | - | | 0.33 | | -63.33 | | -53.11 | 32.25 |
| 0.449 | 1.60 | 1.70 | - | | - | | - | | - | | 0.37 | | -60.39 | | -45.79 | 46.51 |
| 0.604 | 1.79 | 2.24 | 0.21 | | -1.27 | | 0.07 | | -2.00 | | 0.47 | | -54.47 | | -43.15 | 35.36 |
| 0.753 | 2.87 | 3.92 | 0.30 | | -1.31 | | 0.18 | | -1.70 | | 0.59 | | -46.03 | | -29.50 | 52.85 |
| 0.902 | 4.86 | 6.02 | 0.36 | | -1.52 | | 0.20 | | -1.11 | | 0.47 | | -40.23 | | -19.54 | 76.14 |
| 1.000 | 17.36 | 17.36 |  | |  | |  | |  | | 0.27 | | -35.73 | | -7.43 | 89.15 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 1.25 | 1.25 |  | |  | |  | |  | | 0.29 | | -68.34 | | -32.82 | 111.63 |
| 0.128 | 1.61 | 1.42 | - | | - | | - | | - | | 0.34 | | -64.24 | | -53.38 | 34.21 |
| 0.268 | 1.95 | 1.66 | - | | - | | - | | - | | 0.33 | | -63.31 | | -56.61 | 31.90 |
| 0.449 | 2.25 | 2.01 | - | | - | | - | | - | | 0.39 | | -59.23 | | -47.93 | 35.25 |
| 0.604 | 2.62 | 2.61 | - | | - | | - | | - | | 0.47 | | -53.99 | | -45.85 | 26.14 |
| 0.753 | 4.11 | 4.46 | 0.23 | | -1.23 | | 0.22 | | -0.57 | | 0.63 | | -43.94 | | -30.18 | 43.61 |
| 0.902 | 5.65 | 7.48 | 0.25 | | -1.43 | | 0.23 | | -0.44 | | 0.53 | | -40.25 | | -17.84 | 74.80 |
| 1.000 | 19.30 | 19.30 |  | |  | |  | |  | | 0.30 | | -35.71 | | -7.77 | 88.14 |
| ***14-2-14 + DTAB*** | | | | | | | | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.13 | 0.13 |  | |  | |  | |  | | 0.12 | | -88.49 | | -33.06 | 186.21 |
| 0.128 | 0.16 | 0.16 | - | | - | | - | | - | | 0.36 | | -71.77 | | -46.95 | 80.14 |
| 0.268 | 0.20 | 0.20 | - | | - | | - | | - | | 0.38 | | -69.82 | | -40.45 | 95.62 |
| 0.449 | 0.21 | 0.26 | 0.14 | | -3.37 | | 0.01 | | -4.22 | | 0.43 | | -66.34 | | -37.03 | 95.31 |
| 0.604 | 0.26 | 0.36 | 0.18 | | -3.48 | | 0.01 | | -4.28 | | 0.49 | | -61.52 | | -33.94 | 89.52 |
| 0.753 | 0.42 | 0.71 | 0.25 | | -3.50 | | 0.03 | | -4.39 | | 0.63 | | -50.69 | | -26.73 | 78.80 |
| 0.902 | 0.87 | 1.68 | 0.22 | | -4.22 | | 0.04 | | -4.06 | | 0.54 | | -40.23 | | -15.28 | 88.44 |
| 1.000 | 16.39 | 16.39 |  | |  | |  | |  | | 0.25 | | -35.18 | | -3.85 | 102.51 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  | |  | |  | |  | | 0.15 | | -88.23 | | -34.43 | 174.66 |
| 0.128 | 0.19 | 0.18 | - | | - | | - | | - | | 0.39 | | -71.89 | | -49.18 | 71.12 |
| 0.268 | 0.26 | 0.22 | - | | - | | - | | - | | 0.41 | | -68.24 | | -41.74 | 83.15 |
| 0.449 | 0.28 | 0.28 | - | | - | | - | | - | | 0.44 | | -66.09 | | -39.03 | 85.46 |
| 0.604 | 0.33 | 0.39 | 0.13 | | -2.47 | | 0.01 | | -3.19 | | 0.50 | | -61.81 | | -35.89 | 81.32 |
| 0.753 | 0.51 | 0.76 | 0.23 | | -2.63 | | 0.03 | | -3.83 | | 0.62 | | -52.20 | | -28.90 | 73.14 |
| 0.902 | 1.46 | 2.13 | 0.45 | | -2.41 | | 0.05 | | -2.16 | | 0.64 | | -45.65 | | -15.64 | 77.84 |
| 1.000 | 17.33 | 17.33 |  | |  | |  | |  | | 0.32 | | -34.81 | | -3.96 | 97.25 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.19 | 0.19 |  | |  | |  | |  | | 0.18 | | -87.64 | | -35.84 | 163.62 |
| 0.128 | 0.33 | 0.22 | 0.11 | | -2.51 | | 0.00 | | -5.50 | | 0.44 | | -67.48 | | -49.92 | 55.42 |
| 0.268 | 0.38 | 0.26 | 0.07 | | -2.84 | | 0.00 | | -3.38 | | 0.42 | | -67.61 | | -44.05 | 74.14 |
| 0.449 | 0.39 | 0.32 | 0.11 | | -2.70 | | 0.01 | | -3.55 | | 0.44 | | -66.29 | | -41.50 | 78.51 |
| 0.604 | 0.46 | 0.44 | 0.11 | | -2.48 | | 0.01 | | -2.79 | | 0.50 | | -62.10 | | -38.27 | 75.24 |
| 0.753 | 0.82 | 0.83 | 0.21 | | -3.12 | | 0.03 | | -3.38 | | 0.60 | | -53.05 | | -31.62 | 67.47 |
| 0.902 | 1.87 | 3.65 | 0.24 | | -3.51 | | 0.06 | | -2.41 | | 0.64 | | -45.65 | | -18.48 | 64.63 |
| 1.000 | 18.24 | 18.24 |  | |  | |  | |  | | 0.32 | | -35.68 | | -4.22 | 99.65 |
| ***5.0% Gly*** | | | | | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.22 | 0.22 |  | |  | |  | |  | | 0.52 | | -60.23 | | -22.35 | 123.25 |
| 0.128 | 0.23 | 0.24 | 0.02 | | -2.51 | | 0.00 | | -2.61 | | 0.26 | | -75.74 | | -54.82 | 68.14 |
| 0.268 | 0.33 | 0.28 | - | | - | | - | | - | | 0.34 | | -69.06 | | -45.53 | 76.16 |
| 0.449 | 0.38 | 0.34 | - | | - | | - | | - | | 0.39 | | -65.30 | | -39.07 | 85.48 |
| 0.604 | 0.44 | 0.44 | - | | - | | - | | - | | 0.49 | | -58.85 | | -40.61 | 59.42 |
| 0.753 | 0.53 | 0.80 | 0.23 | | -3.02 | | 0.03 | | -3.86 | | 0.54 | | -55.04 | | -42.07 | 42.16 |
| 0.902 | 0.96 | 1.85 | 0.28 | | -2.84 | | 0.07 | | -3.54 | | 0.64 | | -40.23 | | -22.15 | 78.27 |
| 1.000 | 16.77 | 16.77 |  | |  | |  | |  | | 0.21 | | -35.85 | | -7.18 | 93.41 |
| ***308.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.23 | 0.23 |  | |  | |  | |  | | 0.55 | | -60.65 | | -23.11 | 118.17 |
| 0.128 | 0.24 | 0.23 | - | | - | | - | | - | | 0.35 | | -72.50 | | -54.22 | 57.62 |
| 0.268 | 0.32 | 0.27 | - | | - | | - | | - | | 0.36 | | -70.31 | | -47.78 | 71.13 |
| 0.449 | 0.41 | 0.33 | - | | - | | - | | - | | 0.42 | | -65.10 | | -40.51 | 77.18 |
| 0.604 | 0.45 | 0.43 | - | | - | | - | | - | | 0.49 | | -60.58 | | -43.03 | 54.95 |
| 0.753 | 0.67 | 0.81 | 0.16 | | -2.19 | | 0.13 | | -2.40 | | 0.46 | | -62.07 | | -48.53 | 43.77 |
| 0.902 | 1.87 | 3.46 | 0.17 | | -2.16 | | 0.16 | | -3.65 | | 0.35 | | -42.34 | | -18.66 | 76.46 |
| 1.000 | 17.36 | 17.36 |  | |  | |  | |  | | 0.27 | | -35.73 | | -7.43 | 89.15 |
| ***318.15 K*** | | | | | | | | | | | | | | | | |
| 0.000 | 0.25 | 0.25 |  | |  | |  | |  | | 0.57 | | -60.13 | | -24.09 | 113.13 |
| 0.128 | 0.35 | 0.28 | - | | - | | - | | - | | 0.39 | | -70.37 | | -56.12 | 45.44 |
| 0.268 | 0.46 | 0.33 | - | | - | | - | | - | | 0.42 | | -66.55 | | -48.15 | 58.62 |
| 0.449 | 0.53 | 0.39 | - | | - | | - | | - | | 0.46 | | -63.78 | | -41.92 | 69.35 |
| 0.604 | 0.66 | 0.51 | - | | - | | - | | - | | 0.55 | | -56.67 | | -43.22 | 42.85 |
| 0.753 | 0.86 | 0.92 | 0.09 | | -1.49 | | 0.07 | | -1.20 | | 0.53 | | -57.00 | | -48.56 | 26.47 |
| 0.902 | 2.69 | 5.76 | 0.10 | | -1.64 | | 0.05 | | -2.22 | | 0.54 | | -42.31 | | -22.45 | 56.96 |
| 1.000 | 19.30 | 19.30 |  | |  | |  | |  | | 0.30 | | -35.71 | | -7.77 | 88.14 |

a Akbas et al., 2012

**Table S2: Experimental and ideal CMC (Cm, Ci), degree of dissociation (g), mixed micellar mole fractions (X1, Xi), Excess free energy (gM, E), interaction parameter (β), Standard Gibbs free energy, enthalpy and entropy (ΔGom, ΔHom, ΔSom) of micellization for the mixtures of TTAB and gemini surfactants in aqueous and aqueous solvent solutions as a function of temperature using conductivity measurements at different mole fractions (α) of TTAB.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **α** | | **Cm**  **(mmol dm-3)** | | **Ci**  **(mmol dm-3)** | **X1** | **gM, E**  **(kJ mol-1)** | **Xi** | **β** | **g** | **ΔGom**  **(kJ mol-1)** | **ΔHom**  **(kJ mol-1)** | **ΔSom**  **(J mol-1 K-1)** |
| ***Water*** | | | | | | | | | | | | |
| ***10-2-10 + TTAB*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 6.33 | | 6.33 |  |  |  |  | 0.15 | -60.35 | -6.35 | 181.14 |
| 0.128 | | 5.60 | | 5.85 | 0.22 | -1.70 | 0.19 | -0.28 | 0.28 | -55.40 | -11.96 | 146.23 |
| 0.268 | | 5.16 | | 5.41 | 0.39 | -1.99 | 0.37 | -0.23 | 0.33 | -53.96 | -16.77 | 125.14 |
| 0.449 | | 4.47 | | 4.92 | 0.56 | -2.48 | 0.57 | -0.39 | 0.36 | -53.17 | -18.91 | 115.56 |
| 0.604 | | 4.27 | | 4.57 | 0.69 | -1.60 | 0.71 | -0.34 | 0.34 | -54.31 | -16.68 | 126.24 |
| 0.753 | | 3.97 | | 4.28 | 0.79 | -2.00 | 0.83 | -0.50 | 0.32 | -55.80 | -14.67 | 138.41 |
| 0.902 | | 3.93 | | 4.02 | 0.92 | -0.55 | 0.94 | -0.56 | 0.31 | -56.29 | -9.45 | 157.25 |
| 1.000 | | 3.87 (3.74)c | | 3.87 |  |  |  |  | 0.29 | -40.58 | -4.73 | 120.87 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 6.47 | | 6.47 |  |  |  |  | 0.19 | -60.71 | -6.63 | 175.54 |
| 0.128 | | 5.85 | | 6.00 | 0.21 | -1.70 | 0.19 | -0.17 | 0.31 | -55.56 | -12.53 | 139.61 |
| 0.268 | | 5.43 | | 5.57 | 0.39 | -1.82 | 0.37 | -0.17 | 0.35 | -54.21 | -17.05 | 119.24 |
| 0.449 | | 4.93 | | 5.10 | 0.57 | -1.34 | 0.57 | -0.17 | 0.37 | -54.02 | -20.07 | 110.47 |
| 0.604 | | 4.58 | | 4.75 | 0.70 | -1.36 | 0.71 | -0.19 | 0.37 | -54.37 | -17.39 | 120.85 |
| 0.753 | | 4.38 | | 4.47 | 0.83 | -0.77 | 0.83 | -0.48 | 0.34 | -56.13 | -15.52 | 132.91 |
| 0.902 | | 4.19 | | 4.22 | - | - | - | - | 0.33 | -56.78 | -9.92 | 152.32 |
| 1.000 | | 4.07 | | 4.07 |  |  |  |  | 0.26 | -42.44 | -5.13 | 121.70 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 6.75 | | 6.75 |  |  |  |  | 0.19 | -62.06 | -7.03 | 173.47 |
| 0.128 | | 6.65 | | 6.25 | 0.15 | - | 0.19 | 0.44 | 0.33 | -55.62 | -13.08 | 134.65 |
| 0.268 | | 6.27 | | 5.78 | 0.33 | - | 0.37 | 0.46 | 0.36 | -54.58 | -18.48 | 113.21 |
| 0.449 | | 5.60 | | 5.27 | 0.55 | - | 0.57 | 0.49 | 0.37 | -54.95 | -21.37 | 105.45 |
| 0.604 | | 5.21 | | 4.91 | 0.70 | - | 0.71 | 0.87 | 0.36 | -54.37 | -18.72 | 117.72 |
| 0.753 | | 4.71 | | 4.60 | 0.83 | - | 0.83 | 0.86 | 0.36 | -56.40 | -16.22 | 126.16 |
| 0.902 | | 4.38 | | 4.33 | 0.94 | - | 0.94 | 2.49 | 0.35 | -57.45 | -10.41 | 148.34 |
| 1.000 | | 4.17 | | 4.17 |  |  |  |  | 0.29 | -42.92 | -5.37 | 118.93 |
| ***12-2-12 + TTAB*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.92 | | 0.92 |  |  |  |  | 0.20 | -70.76 | -28.60 | 141.46 |
| 0.128 | | 0.87 | | 0.94 | 0.38 | -1.04 | 0.33 | -0.79 | 0.20 | -71.10 | -44.81 | 89.58 |
| 0.268 | | 0.97 | | 1.05 | 0.63 | -0.74 | 0.67 | -0.96 | 0.23 | -68.75 | -42.14 | 79.17 |
| 0.449 | | 1.10 | | 1.20 | 0.74 | -1.11 | 0.79 | -0.60 | 0.23 | -68.30 | -44.72 | 90.14 |
| 0.604 | | 1.35 | | 1.50 | 0.84 | -1.19 | 0.89 | -1.20 | 0.29 | -63.62 | -36.54 | 137.26 |
| 0.753 | | 1.55 | | 1.87 | 0.88 | -1.02 | 0.94 | -1.24 | 0.30 | -62.25 | -40.87 | 72.41 |
| 0.902 | | 2.43 | | 2.86 | 0.92 | -1.63 | 0.97 | -2.71 | 0.34 | -57.40 | -24.00 | 112.58 |
| 1.000 | | 3.87 | | 3.87 |  |  |  |  | 0.29 | -40.58 | -4.73 | 120.87 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.09 | | 1.09 |  |  |  |  | 0.24 | -69.59 | -29.53 | 130.61 |
| 0.128 | | 1.14 | | 1.16 | 0.36 | -1.71 | 0.33 | -0.40 | 0.39 | -56.15 | -26.13 | 97.41 |
| 0.268 | | 1.26 | | 1.28 | 0.65 | -1.52 | 0.67 | -0.40 | 0.32 | -61.83 | -42.88 | 62.98 |
| 0.449 | | 1.40 | | 1.42 | 0.77 | -1.49 | 0.79 | -0.43 | 0.32 | -63.14 | -38.19 | 126.40 |
| 0.604 | | 1.84 | | 1.72 | 0.89 | -1.12 | 0.89 | 0.31 | 0.27 | -66.59 | -46.19 | 81.62 |
| 0.753 | | 2.34 | | 2.08 | 0.94 | -1.34 | 0.94 | 1.76 | 0.25 | -68.31 | -44.43 | 66.13 |
| 0.902 | | 3.33 | | 3.08 | 0.98 | -1.62 | 0.97 | 2.74 | 0.23 | -70.02 | -46.86 | 77.71 |
| 1.000 | | 4.07 | | 4.07 |  |  |  |  | 0.26 | -42.44 | -5.13 | 121.70 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.24 | | 1.24 |  |  |  |  | 0.28 | -69.06 | -30.62 | 121.49 |
| 0.128 | | 1.39 | | 1.31 | 0.33 | - | 0.33 | 0.03 | 0.42 | -55.69 | -27.04 | 90.25 |
| 0.268 | | 1.62 | | 1.42 | 0.64 | - | 0.66 | 1.11 | 0.36 | -60.54 | -44.37 | 51.10 |
| 0.449 | | 1.77 | | 1.56 | 0.77 | - | 0.79 | 2.18 | 0.34 | -62.53 | -39.86 | 115.24 |
| 0.604 | | 2.03 | | 1.86 | 0.88 | - | 0.89 | 9.41 | 0.29 | -66.29 | -48.45 | 71.47 |
| 0.753 | | 2.46 | | 2.22 | 0.94 | - | 0.94 | 18.52 | 0.28 | -67.44 | -45.99 | 56.62 |
| 0.902 | | 3.32 | | 3.19 | 0.98 | - | 0.97 | 136 | 0.28 | -70.02 | -48.09 | 67.31 |
| 1.000 | | 4.17 | | 4.17 |  |  |  |  | 0.29 | -42.92 | -5.37 | 118.93 |
| ***14-2-14 + TTAB*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.15 | | 0.15 |  |  |  |  | 0.24 | -82.46 | -36.21 | 148.25 |
| 0.128 | | 0.13 | | 0.17 | 0.67 | -2.62 | 0.79 | -2.22 | 0.67 | -46.90 | -16.97 | 100.42 |
| 0.268 | | 0.17 | | 0.20 | 0.72 | -2.61 | 0.91 | -3.38 | 0.54 | -57.61 | -35.85 | 73.15 |
| 0.449 | | 0.20 | | 0.24 | 0.79 | -2.56 | 0.95 | -2.96 | 0.38 | -68.25 | -40.01 | 95.62 |
| 0.604 | | 0.24 | | 0.33 | 0.87 | -2.64 | 0.97 | -3.00 | 0.31 | -73.66 | -37.56 | 121.17 |
| 0.753 | | 0.30 | | 0.49 | 0.87 | -1.91 | 0.98 | -3.36 | 0.27 | -77.18 | -40.74 | 122.46 |
| 0.902 | | 0.62 | | 0.93 | 0.87 | -1.24 | 0.99 | -4.72 | 0.21 | -82.46 | -55.23 | 91.21 |
| 1.000 | | 3.87 | | 3.87 |  |  |  |  | 0.29 | -40.58 | -4.73 | 120.87 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.17 | | 0.17 |  |  |  |  | 0.26 | -80.64 | -37.45 | 141.36 |
| 0.128 | | 0.17 | | 0.19 | 0.64 | -4.47 | 0.79 | -2.78 | 0.69 | -47.22 | -17.76 | 95.47 |
| 0.268 | | 0.19 | | 0.23 | 0.81 | -2.96 | 0.91 | -1.54 | 0.53 | -58.00 | -38.58 | 63.25 |
| 0.449 | | 0.25 | | 0.26 | 0.84 | -2.80 | 0.95 | -2.42 | 0.41 | -67.45 | -41.58 | 84.89 |
| 0.604 | | 0.29 | | 0.35 | 0.94 | -2.67 | 0.97 | -2.93 | 0.37 | -71.16 | -38.15 | 107.30 |
| 0.753 | | 0.44 | | 0.52 | 0.88 | -2.49 | 0.98 | -4.32 | 0.35 | -73.38 | -40.83 | 105.14 |
| 0.902 | | 0.56 | | 0.99 | 0.94 | -3.99 | 0.99 | -4.61 | 0.28 | -78.87 | -55.70 | 75.67 |
| 1.000 | | 4.07 | | 4.07 |  |  |  |  | 0.26 | -42.44 | -5.13 | 121.70 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.20 | | 0.20 |  |  |  |  | 0.27 | -78.94 | -40.15 | 131.08 |
| 0.128 | | 0.21 | | 0.22 | 0.70 | -1.44 | 0.79 | -1.30 | 0.69 | -47.66 | -18.86 | 90.21 |
| 0.268 | | 0.24 | | 0.26 | 0.83 | -1.91 | 0.91 | -1.33 | 0.55 | -58.62 | -40.63 | 56.40 |
| 0.449 | | 0.26 | | 0.29 | 0.95 | -2.66 | 0.95 | -1.60 | 0.43 | -66.99 | -43.62 | 73.61 |
| 0.604 | | 0.66 | | 0.39 | 0.98 | - | 0.97 | 120 | 0.42 | -69.12 | -38.94 | 95.74 |
| 0.753 | | 1.04 | | 0.56 | 0.99 | - | 0.98 | 309 | 0.41 | -70.45 | -41.14 | 92.18 |
| 0.902 | | 1.59 | | 1.03 | - | - | - | - | 0.40 | -71.79 | -53.72 | 57.63 |
| 1.000 | | 4.17 | | 4.17 |  |  |  |  | 0.29 | -42.92 | -5.37 | 118.93 |
| ***10-2-10 + TTAB*** | | | | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 4.53 | | 4.53 |  |  |  |  | 0.27 | -57.33 | -22.88 | 115.34 |
| 0.128 | | 3.89 | | 4.29 | 0.25 | -1.81 | 0.19 | -0.63 | 0.28 | -57.77 | -28.83 | 97.24 |
| 0.268 | | 3.71 | | 4.07 | 0.40 | -2.07 | 0.37 | -0.44 | 0.33 | -55.89 | -29.24 | 89.15 |
| 0.449 | | 3.38 | | 3.83 | 0.56 | -1.66 | 0.57 | -0.55 | 0.36 | -54.60 | -27.67 | 90.63 |
| 0.604 | | 3.29 | | 3.65 | 0.68 | -1.42 | 0.71 | -0.55 | 0.37 | -54.54 | -20.30 | 115.21 |
| 0.753 | | 3.20 | | 3.50 | 0.79 | -1.63 | 0.83 | -0.87 | 0.32 | -57.06 | -16.99 | 134.47 |
| 0.902 | | 3.16 | | 3.38 | 0.89 | -1.52 | 0.94 | -0.95 | 0.32 | -56.88 | -15.39 | 139.48 |
| 1.000 | | 3.30 | | 3.30 |  |  |  |  | 0.33 | -40.26 | -9.64 | 102.22 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 5.05 | | 5.05 |  |  |  |  | 0.26 | -59.20 | -24.72 | 112.52 |
| 0.128 | | 4.19 | | 4.74 | 0.26 | -2.05 | 0.19 | -0.77 | 0.34 | -56.43 | -30.20 | 85.18 |
| 0.268 | | 4.11 | | 4.45 | 0.40 | -1.92 | 0.37 | -0.40 | 0.37 | -54.86 | -29.98 | 81.62 |
| 0.449 | | 3.91 | | 4.13 | 0.57 | -1.88 | 0.57 | -0.28 | 0.40 | -53.84 | -28.62 | 82.05 |
| 0.604 | | 3.51 | | 3.90 | 0.68 | -1.72 | 0.71 | -0.55 | 0.42 | -53.66 | -20.78 | 107.43 |
| 0.753 | | 3.28 | | 3.71 | 0.77 | -2.12 | 0.83 | -0.84 | 0.40 | -55.03 | -16.98 | 123.17 |
| 0.902 | | 3.10 | | 3.54 | 0.85 | -1.84 | 0.94 | -1.50 | 0.37 | -56.75 | -15.84 | 133.94 |
| 1.000 | | 3.44 | | 3.44 |  |  |  |  | 0.34 | -41.25 | -7.33 | 110.10 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 5.83 | | 5.83 |  |  |  |  | 0.26 | -60.04 | -26.29 | 106.08 |
| 0.128 | | 5.57 | | 5.42 | - | - | - | - | 0.35 | -55.70 | -31.53 | 76.15 |
| 0.268 | | 5.20 | | 5.03 | 0.36 | - | 0.37 | 0.18 | 0.39 | -54.19 | -31.35 | 72.42 |
| 0.449 | | 4.70 | | 4.61 | 0.57 | - | 0.57 | 0.11 | 0.44 | -52.63 | -29.46 | 73.61 |
| 0.604 | | 4.19 | | 4.30 | 0.70 | - | 0.71 | -0.31 | 0.46 | -52.25 | -21.29 | 97.32 |
| 0.753 | | 3.89 | | 4.05 | 0.81 | - | 0.83 | -0.22 | 0.43 | -54.25 | -17.59 | 115.12 |
| 0.902 | | 3.78 | | 3.82 | 0.93 | - | 0.94 | -0.75 | 0.41 | -55.43 | -16.30 | 123.14 |
| 1.000 | | 3.69 | | 3.69 |  |  |  |  | 0.35 | -41.85 | -7.73 | 107.88 |
| ***5.0% PrOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 5.73 | | 5.73 |  |  |  |  | 0.28 | -55.30 | -16.82 | 129.26 |
| 0.128 | | 4.15 | | 5.21 | 0.29 | -1.74 | 0.19 | -1.26 | 0.44 | -49.70 | -32.55 | 57.13 |
| 0.268 | | 3.77 | | 4.72 | 0.42 | -1.64 | 0.37 | -1.00 | 0.39 | -52.60 | -32.12 | 69.25 |
| 0.449 | | 3.39 | | 4.19 | 0.55 | -1.60 | 0.57 | -0.87 | 0.43 | -51.15 | -24.50 | 89.47 |
| 0.604 | | 2.98 | | 3.81 | 0.65 | -1.27 | 0.71 | -1.22 | 0.45 | -51.36 | -29.20 | 74.08 |
| 0.753 | | 2.85 | | 3.49 | 0.74 | -1.17 | 0.83 | -1.26 | 0.48 | -49.85 | -29.00 | 70.62 |
| 0.902 | | 2.73 | | 3.21 | 0.84 | -1.66 | 0.94 | -2.03 | 0.41 | -53.60 | -24.71 | 97.31 |
| 1.000 | | 3.05 | | 3.05 |  |  |  |  | 0.42 | -38.32 | -14.02 | 81.12 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 6.59 | | 6.59 |  |  |  |  | 0.34 | -53.79 | -17.17 | 119.64 |
| 0.128 | | 5.06 | | 5.93 | 0.27 | -2.03 | 0.19 | -0.91 | 0.48 | -48.37 | -33.45 | 48.18 |
| 0.268 | | 4.60 | | 5.31 | 0.41 | -1.97 | 0.37 | -0.68 | 0.41 | -52.20 | -33.63 | 60.90 |
| 0.449 | | 3.95 | | 4.64 | 0.56 | -1.35 | 0.57 | -0.72 | 0.45 | -51.08 | -25.70 | 82.12 |
| 0.604 | | 3.48 | | 4.15 | 0.66 | -0.97 | 0.71 | -0.82 | 0.47 | -50.78 | -30.32 | 66.13 |
| 0.753 | | 3.20 | | 3.74 | 0.76 | -0.80 | 0.83 | -1.09 | 0.52 | -49.10 | -29.88 | 62.81 |
| 0.902 | | 2.98 | | 3.38 | 0.86 | -1.12 | 0.94 | -1.91 | 0.50 | -50.43 | -24.25 | 85.20 |
| 1.000 | | 3.18 | | 3.18 |  |  |  |  | 0.47 | -38.23 | -14.52 | 77.14 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 6.90 | | 6.90 |  |  |  |  | 0.34 | -55.16 | -18.27 | 116.94 |
| 0.128 | | 6.30 | | 6.32 | - | - | - | - | 0.50 | -48.20 | -35.23 | 41.65 |
| 0.268 | | 5.60 | | 5.77 | 0.39 | -1.59 | 0.37 | -0.19 | 0.45 | -50.94 | -34.61 | 51.21 |
| 0.449 | | 4.63 | | 5.17 | 0.56 | -1.30 | 0.57 | -0.47 | 0.53 | -47.88 | -25.28 | 71.35 |
| 0.604 | | 4.35 | | 4.74 | 0.69 | -0.91 | 0.71 | -0.55 | 0.48 | -50.88 | -32.09 | 59.87 |
| 0.753 | | 4.19 | | 4.38 | 0.81 | -0.81 | 0.83 | -0.49 | 0.53 | -48.61 | -31.40 | 54.46 |
| 0.902 | | 3.71 | | 4.06 | 0.88 | -0.92 | 0.94 | -1.86 | 0.58 | -46.79 | -23.75 | 72.21 |
| 1.000 | | 3.88 | | 3.88 |  |  |  |  | 0.51 | -37.67 | -15.07 | 71.62 |
| ***12-2-12 + TTAB*** | | | | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.83 | | 0.83 |  |  |  |  | 0.29 | -66.34 | -21.46 | 150.63 |
| 0.128 | | 0.71 | | 0.89 | 0.40 | -1.79 | 0.33 | -1.33 | 0.38 | -57.04 | -32.44 | 82.26 |
| 0.268 | | 0.78 | | 0.98 | 0.60 | -1.80 | 0.67 | -1.48 | 0.41 | -57.89 | -32.32 | 86.14 |
| 0.449 | | 0.87 | | 1.10 | 0.68 | -2.07 | 0.79 | -1.74 | 0.34 | -62.48 | -39.00 | 79.15 |
| 0.604 | | 1.01 | | 1.35 | 0.77 | -2.23 | 0.89 | -1.58 | 0.32 | -64.78 | -33.01 | 86.92 |
| 0.753 | | 1.19 | | 1.65 | 0.81 | -2.09 | 0.94 | -2.41 | 0.31 | -65.57 | -36.96 | 96.10 |
| 0.902 | | 1.87 | | 2.47 | 0.87 | -1.44 | 0.97 | -3.53 | 0.27 | -68.62 | -43.18 | 85.43 |
| 1.000 | | 3.30 | | 3.30 |  |  |  |  | 0.33 | -40.26 | -9.64 | 102.22 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.93 | | 0.93 |  |  |  |  | 0.31 | -66.77 | -22.54 | 143.22 |
| 0.128 | | 0.88 | | 0.99 | 0.39 | -1.63 | 0.33 | -0.88 | 0.43 | -57.04 | -32.44 | 82.58 |
| 0.268 | | 0.93 | | 1.09 | 0.61 | -1.81 | 0.67 | -1.15 | 0.40 | -59.54 | -34.89 | 80.15 |
| 0.449 | | 1.02 | | 1.22 | 0.70 | -2.06 | 0.79 | -1.41 | 0.38 | -61.45 | -40.22 | 69.62 |
| 0.604 | | 1.17 | | 1.48 | 0.80 | -2.13 | 0.89 | -1.75 | 0.39 | -62.05 | -33.16 | 94.10 |
| 0.753 | | 1.41 | | 1.80 | 0.84 | -1.89 | 0.94 | -1.90 | 0.38 | -63.18 | -37.39 | 84.14 |
| 0.902 | | 2.18 | | 2.67 | 0.88 | -1.85 | 0.97 | -2.73 | 0.34 | -65.52 | -43.50 | 71.95 |
| 1.000 | | 3.44 | | 3.44 |  |  |  |  | 0.34 | -41.25 | -7.33 | 110.10 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.06 | | 1.06 |  |  |  |  | 0.33 | -67.20 | -23.71 | 136.08 |
| 0.128 | | 1.13 | | 1.13 | 0.35 | -1.59 | 0.33 | -0.10 | 0.46 | -54.63 | -34.48 | 63.60 |
| 0.268 | | 1.19 | | 1.23 | 0.64 | -1.42 | 0.67 | -0.66 | 0.41 | -59.42 | -36.78 | 71.15 |
| 0.449 | | 1.27 | | 1.37 | 0.77 | -1.72 | 0.79 | -0.24 | 0.42 | -59.80 | -41.57 | 57.82 |
| 0.604 | | 1.59 | | 1.65 | 0.84 | -1.28 | 0.89 | -1.19 | 0.45 | -59.45 | -33.48 | 82.14 |
| 0.753 | | 1.78 | | 1.99 | 0.91 | -1.14 | 0.94 | -1.62 | 0.43 | -60.85 | -38.04 | 71.76 |
| 0.902 | | 2.78 | | 2.93 | 0.97 | -1.26 | 0.97 | -2.84 | 0.41 | -62.41 | -43.76 | 59.32 |
| 1.000 | | 3.69 | | 3.69 |  |  |  |  | 0.35 | -41.85 | -7.73 | 107.88 |
| ***5.0% PrOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.84 | | 0.84 |  |  |  |  |  |  |  |  |
| 0.128 | | 0.80 | | 0.94 | 0.43 | -1.55 | 0.40 | -0.74 | 0.41 | -55.57 | -28.59 | 90.25 |
| 0.268 | | 0.78 | | 0.97 | 0.62 | -1.66 | 0.68 | -1.39 | 0.42 | -57.89 | -41.55 | 55.42 |
| 0.449 | | 0.85 | | 1.11 | 0.70 | -2.12 | 0.79 | -1.26 | 0.34 | -62.48 | -39.44 | 77.73 |
| 0.604 | | 1.02 | | 1.29 | 0.75 | -1.99 | 0.87 | -1.78 | 0.30 | -65.93 | -44.34 | 72.17 |
| 0.753 | | 1.14 | | 1.53 | 0.82 | -2.31 | 0.94 | -2.62 | 0.26 | -68.71 | -50.61 | 61.80 |
| 0.902 | | 1.80 | | 2.15 | 0.85 | -2.12 | 0.93 | -2.44 | 0.24 | -68.64 | -40.46 | 91.34 |
| 1.000 | | 3.05 | | 3.05 |  |  |  |  | 0.42 | -38.32 | -14.02 | 81.12 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.90 | | 0.90 |  |  |  |  | 0.26 | -69.92 | -17.81 | 164.12 |
| 0.128 | | 0.99 | | 1.11 | 0.42 | -1.78 | 0.40 | -0.34 | 0.50 | -51.85 | -28.00 | 77.80 |
| 0.268 | | 0.95 | | 1.03 | 0.64 | -1.88 | 0.68 | -1.06 | 0.43 | -58.46 | -43.97 | 47.56 |
| 0.449 | | 1.02 | | 1.18 | 0.71 | -1.72 | 0.79 | -1.29 | 0.42 | -59.75 | -39.24 | 66.45 |
| 0.604 | | 1.10 | | 1.37 | 0.80 | -1.93 | 0.87 | -1.43 | 0.35 | -64.10 | -45.29 | 61.18 |
| 0.753 | | 1.32 | | 1.62 | 0.88 | -1.29 | 0.94 | -1.67 | 0.32 | -66.44 | -51.48 | 48.74 |
| 0.902 | | 2.11 | | 2.26 | 0.85 | -1.46 | 0.97 | -1.56 | 0.34 | -67.45 | -35.84 | 104.32 |
| 1.000 | | 3.18 | | 3.18 |  |  |  |  | 0.47 | -38.23 | -14.52 | 77.14 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.09 | | 1.09 |  |  |  |  | 0.37 | -64.61 | -17.29 | 149.62 |
| 0.128 | | 1.21 | | 1.26 | 0.42 | -1.85 | 0.40 | -0.33 | 0.48 | -53.94 | -30.68 | 73.62 |
| 0.268 | | 1.29 | | 1.35 | 0.68 | -1.94 | 0.68 | -0.21 | 0.42 | -58.53 | -47.09 | 36.14 |
| 0.449 | | 1.40 | | 1.43 | 0.78 | -1.81 | 0.79 | -0.24 | 0.40 | -60.56 | -42.59 | 56.47 |
| 0.604 | | 1.61 | | 1.66 | 0.87 | -1.48 | 0.87 | -0.75 | 0.40 | -61.33 | -46.10 | 48.94 |
| 0.753 | | 2.12 | | 1.97 | 0.94 | - | 0.94 | 20.40 | 0.38 | -62.88 | -51.99 | 34.62 |
| 0.902 | | 3.18 | | 2.75 | 0.95 | - | 0.98 | 13.55 | 0.47 | -63.44 | -41.64 | 69.31 |
| 1.000 | | 3.88 | | 3.88 |  |  |  |  | 0.51 | -37.67 | -15.07 | 71.62 |
| ***14-2-14 + TTAB*** | | | | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.11 | | 0.11 |  |  |  |  | 0.21 | -83.81 | -39.42 | 149.25 |
| 0.128 | | 0.09 | | 0.12 | 0.62 | -3.82 | 0.79 | -3.70 | 0.76 | -43.90 | -21.50 | 75.62 |
| 0.268 | | 0.12 | | 0.15 | 0.69 | -4.66 | 0.91 | -4.07 | 0.61 | -55.01 | -38.57 | 55.15 |
| 0.449 | | 0.13 | | 0.18 | 0.76 | -4.70 | 0.95 | -3.82 | 0.50 | -63.01 | -40.26 | 76.82 |
| 0.604 | | 0.17 | | 0.26 | 0.80 | -4.50 | 0.97 | -4.27 | 0.38 | -71.79 | -47.77 | 80.10 |
| 0.753 | | 0.20 | | 0.40 | 0.83 | -4.80 | 0.98 | -4.04 | 0.40 | -71.49 | -50.37 | 71.13 |
| 0.902 | | 0.36 | | 0.78 | 0.86 | -4.74 | 0.99 | -6.00 | 0.36 | -74.67 | -53.67 | 70.42 |
| 1.000 | | 3.30 | | 3.30 |  |  |  |  | 0.33 | -40.26 | -9.64 | 102.22 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.14 | | 0.14 |  |  |  |  | 0.24 | -82.99 | -41.10 | 136.62 |
| 0.128 | | 0.13 | | 0.15 | 0.64 | -3.81 | 0.79 | -2.84 | 0.74 | -45.58 | -23.60 | 71.81 |
| 0.268 | | 0.16 | | 0.19 | 0.73 | -4.14 | 0.91 | -2.86 | 0.61 | -55.45 | -41.24 | 46.43 |
| 0.449 | | 0.18 | | 0.22 | 0.80 | -3.12 | 0.95 | -2.96 | 0.54 | -61.37 | -41.44 | 65.60 |
| 0.604 | | 0.22 | | 0.29 | 0.86 | -3.44 | 0.97 | -3.11 | 0.43 | -69.20 | -48.78 | 66.17 |
| 0.753 | | 0.28 | | 0.44 | 0.89 | -3.99 | 0.98 | -4.35 | 0.40 | -71.60 | -53.44 | 59.14 |
| 0.902 | | 0.47 | | 0.83 | 0.88 | -4.22 | 0.99 | -5.02 | 0.40 | -72.89 | -55.34 | 57.92 |
| 1.000 | | 3.44 | | 3.44 |  |  |  |  | 0.34 | -41.25 | -7.33 | 110.10 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.16 | | 0.16 |  |  |  |  | 0.31 | -80.02 | -41.47 | 121.25 |
| 0.128 | | 0.18 | | 0.18 | - | - | - | - | 0.77 | -44.33 | -23.95 | 64.62 |
| 0.268 | | 0.22 | | 0.22 | - | - | - | - | 0.65 | -53.32 | -41.82 | 36.10 |
| 0.449 | | 0.24 | | 0.25 | 0.65 | -3.76 | 0.79 | -2.79 | 0.57 | -60.07 | -40.15 | 63.32 |
| 0.604 | | 0.29 | | 0.33 | 0.77 | -3.67 | 0.91 | -2.04 | 0.51 | -64.71 | -48.10 | 52.14 |
| 0.753 | | 0.37 | | 0.48 | 0.86 | -4.12 | 0.95 | -2.19 | 0.55 | -62.52 | -49.34 | 41.47 |
| 0.902 | | 0.53 | | 0.91 | 0.93 | -3.94 | 0.97 | -2.05 | 0.52 | -65.06 | -52.42 | 40.51 |
| 1.000 | | 3.69 | | 3.69 |  |  |  |  | 0.35 | -41.85 | -7.73 | 107.88 |
| ***5.0% PrOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.14 | | 0.14 |  |  |  |  | 0.57 | -59.09 | -23.83 | 114.42 |
| 0.128 | | 0.12 | | 0.15 | 0.64 | -3.92 | 0.85 | -2.94 | 0.72 | -46.02 | -41.93 | 34.34 |
| 0.268 | | 0.12 | | 0.17 | 0.71 | -3.64 | 0.95 | -3.26 | 0.58 | -56.74 | -38.66 | 60.16 |
| 0.449 | | 0.15 | | 0.20 | 0.73 | -4.44 | 0.97 | -3.44 | 0.47 | -64.95 | -53.06 | 40.20 |
| 0.604 | | 0.15 | | 0.24 | 0.77 | -3.52 | 0.98 | -4.43 | 0.46 | -65.85 | -49.03 | 56.14 |
| 0.753 | | 0.21 | | 0.32 | 0.77 | -2.94 | 0.99 | -3.87 | 0.43 | -68.87 | -55.07 | 46.47 |
| 0.902 | | 0.36 | | 0.65 | 0.74 | -2.15 | 0.99 | -4.23 | 0.41 | -68.57 | -52.47 | 75.32 |
| 1.000 | | 3.05 | | 3.05 |  |  |  |  | 0.42 | -38.32 | -14.02 | 81.12 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.15 | | 0.15 |  |  |  |  | 0.62 | -57.69 | -24.13 | 105.30 |
| 0.128 | | 0.12 | | 0.17 | 0.67 | -4.45 | 0.82 | -2.66 | 0.77 | -44.26 | -42.17 | 27.69 |
| 0.268 | | 0.16 | | 0.18 | 0.79 | -3.52 | 0.94 | -2.80 | 0.59 | -57.49 | -41.05 | 53.37 |
| 0.449 | | 0.20 | | 0.21 | 0.81 | -3.84 | 0.96 | -3.45 | 0.56 | -60.44 | -51.82 | 28.83 |
| 0.604 | | 0.19 | | 0.26 | 0.94 | -3.91 | 0.98 | -2.34 | 0.50 | -64.04 | -50.38 | 44.24 |
| 0.753 | | 0.25 | | 0.34 | 0.92 | -2.84 | 0.99 | -2.97 | 0.60 | -58.51 | -49.37 | 30.16 |
| 0.902 | | 0.41 | | 0.68 | 0.77 | -3.08 | 0.99 | -6.87 | 0.43 | -68.87 | -55.07 | 46.62 |
| 1.000 | | 3.18 | | 3.18 |  |  |  |  | 0.47 | -38.23 | -14.52 | 77.14 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.19 | | 0.19 |  |  |  |  | 0.60 | -60.04 | -26.40 | 106.41 |
| 0.128 | | 0.20 | | 0.21 | 0.77 | -2.34 | 0.82 | -0.82 | 0.76 | -43.93 | -41.49 | 35.21 |
| 0.268 | | 0.21 | | 0.22 | 0.87 | -3.32 | 0.94 | -1.86 | 0.68 | -51.73 | -39.41 | 39.45 |
| 0.449 | | 0.23 | | 0.26 | 0.96 | -3.14 | 0.96 | -2.17 | 0.65 | -54.00 | -46.72 | 23.88 |
| 0.604 | | 0.46 | | 0.32 | 0.98 | -2.92 | 0.98 | 232 | 0.69 | -52.27 | -43.71 | 27.47 |
| 0.753 | | 0.88 | | 0.42 | 0.99 | -2.84 | 0.99 | 1127 | 0.59 | -59.09 | -29.56 | 93.62 |
| 0.902 | | 1.55 | | 0.84 | 0.99 | -2.56 | 0.99 | 1542 | 0.58 | -59.64 | -29.61 | 91.33 |
| 1.000 | | 3.88 | | 3.88 |  |  |  |  | 0.51 | -37.67 | -15.07 | 71.62 |
| ***10-2-10 + TTAB*** | | | | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 5.43 | | 5.43 |  |  |  |  | 0.42 | -49.27 | -7.54 | 140.45 |
| 0.128 | | 3.02 | | 3.45 | 0.24 | -1.75 | 0.16 | -0.91 | 0.38 | -54.57 | -8.92 | 153.20 |
| 0.268 | | 2.65 | | 3.23 | 0.38 | -1.91 | 0.32 | -0.90 | 0.40 | -54.15 | -10.18 | 147.13 |
| 0.449 | | 2.35 | | 2.97 | 0.52 | -2.15 | 0.52 | -1.02 | 0.41 | -54.47 | -15.07 | 132.41 |
| 0.604 | | 2.12 | | 2.76 | 0.62 | -2.86 | 0.67 | -1.32 | 0.46 | -52.27 | -11.08 | 138.36 |
| 0.753 | | 1.78 | | 2.59 | 0.68 | -2.04 | 0.80 | -2.06 | 0.52 | -50.44 | -20.26 | 101.54 |
| 0.902 | | 1.62 | | 2.42 | 0.75 | -2.34 | 0.92 | -3.06 | 0.47 | -53.36 | -24.12 | 98.12 |
| 1.000 | | 2.32 | | 2.32 |  |  |  |  | 0.52 | -36.95 | -10.10 | 90.17 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 5.57 | | 5.57 |  |  |  |  | 0.44 | -49.76 | -7.89 | 137.69 |
| 0.128 | | 2.53 | | 3.59 | 0.32 | -1.98 | 0.19 | -1.84 | 0.45 | -53.53 | -9.34 | 143.27 |
| 0.268 | | 2.47 | | 3.30 | 0.43 | -2.34 | 0.37 | -1.32 | 0.49 | -51.98 | -10.03 | 136.62 |
| 0.449 | | 2.15 | | 2.98 | 0.55 | -1.92 | 0.57 | -1.43 | 0.46 | -54.15 | -15.35 | 126.58 |
| 0.604 | | 1.96 | | 2.76 | 0.63 | -1.62 | 0.71 | -1.58 | 0.53 | -50.72 | -11.03 | 129.94 |
| 0.753 | | 1.78 | | 2.56 | 0.70 | -1.38 | 0.83 | -2.14 | 0.54 | -50.93 | -21.15 | 96.77 |
| 0.902 | | 1.59 | | 2.44 | 0.76 | -1.41 | 0.94 | -3.52 | 0.54 | -51.15 | -23.84 | 88.14 |
| 1.000 | | 2.40 | | 2.40 |  |  |  |  | 0.58 | -36.49 | -10.34 | 85.33 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 5.97 | | 5.97 |  |  |  |  | 0.43 | -51.60 | -8.51 | 135.62 |
| 0.128 | | 3.37 | | 4.05 | 0.28 | -1.80 | 0.19 | -1.07 | 0.46 | -53.49 | -9.75 | 137.84 |
| 0.268 | | 3.01 | | 3.77 | 0.42 | -2.01 | 0.37 | -1.01 | 0.52 | -50.66 | -10.29 | 127.26 |
| 0.449 | | 2.83 | | 3.46 | 0.56 | -2.23 | 0.57 | -0.94 | 0.49 | -52.97 | -15.94 | 116.31 |
| 0.604 | | 2.45 | | 3.24 | 0.64 | -2.22 | 0.71 | -1.31 | 0.56 | -49.94 | -11.46 | 121.85 |
| 0.753 | | 2.35 | | 3.05 | 0.73 | -2.41 | 0.83 | -1.77 | 0.58 | -49.14 | -21.65 | 86.94 |
| 0.902 | | 2.23 | | 2.89 | 0.80 | -2.35 | 0.94 | -2.50 | 0.59 | -48.51 | -24.13 | 77.67 |
| 1.000 | | 2.79 | | 2.79 |  |  |  |  | 0.59 | -36.95 | -10.98 | 82.44 |
| ***5.0% BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 4.03 | | 4.03 |  |  |  |  | 0.48 | -47.93 | -13.11 | 117.36 |
| 0.128 | | 2.80 | | 3.45 | 0.24 | -1.88 | 0.17 | -1.22 | 0.48 | -50.05 | -27.46 | 76.16 |
| 0.268 | | 2.11 | | 3.15 | 0.38 | -2.01 | 0.35 | -1.78 | 0.58 | -46.31 | -34.61 | 39.12 |
| 0.449 | | 1.99 | | 2.83 | 0.52 | -2.23 | 0.54 | -1.55 | 0.61 | -45.15 | -37.13 | 27.14 |
| 0.604 | | 1.82 | | 2.59 | 0.62 | -2.22 | 0.69 | -1.69 | 0.62 | -44.75 | -40.76 | 23.52 |
| 0.753 | | 1.73 | | 2.40 | 0.68 | -2.41 | 0.81 | -1.94 | 0.65 | -43.67 | -38.64 | 27.32 |
| 0.902 | | 1.73 | | 2.23 | 0.75 | -2.35 | 0.93 | -2.42 | 0.72 | -40.14 | -35.47 | 26.48 |
| 1.000 | | 2.13 | | 2.13 |  |  |  |  | 0.69 | -32.90 | -29.05 | 33.45 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 4.20 | | 4.20 |  |  |  |  | 0.49 | -48.82 | -13.86 | 117.62 |
| 0.128 | | 2.42 | | 3.69 | 0.34 | -2.54 | 0.19 | -2.26 | 0.55 | -48.85 | -27.29 | 70.89 |
| 0.268 | | 2.16 | | 3.43 | 0.44 | -2.50 | 0.37 | -1.96 | 0.62 | -45.64 | -35.33 | 33.65 |
| 0.449 | | 1.98 | | 3.14 | 0.54 | -2.13 | 0.57 | -1.93 | 0.66 | -44.10 | -37.46 | 21.48 |
| 0.604 | | 1.91 | | 2.94 | 0.62 | -2.55 | 0.71 | -1.98 | 0.72 | -40.93 | -38.73 | 37.75 |
| 0.753 | | 2.06 | | 2.77 | 0.72 | -2.19 | 0.83 | -1.85 | 0.72 | -40.67 | -37.83 | 39.63 |
| 0.902 | | 1.90 | | 2.62 | 0.78 | -2.05 | 0.94 | -2.84 | 0.77 | -38.45 | -35.44 | 30.48 |
| 1.000 | | 2.53 | | 2.53 |  |  |  |  | 0.70 | -33.20 | -30.82 | 28.44 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 4.80 | | 4.80 |  |  |  |  | 0.50 | -49.30 | -14.66 | 109.41 |
| 0.128 | | 4.02 | | 5.06 | 0.29 | -1.72 | 0.19 | -1.26 | 0.60 | -45.52 | -27.67 | 56.92 |
| 0.268 | | 3.52 | | 4.80 | 0.43 | -1.73 | 0.37 | -1.37 | 0.69 | -41.56 | -34.88 | 21.46 |
| 0.449 | | 3.50 | | 4.51 | 0.55 | -1.68 | 0.57 | -1.07 | 0.71 | -40.61 | -37.71 | 29.73 |
| 0.604 | | 3.42 | | 4.30 | 0.65 | -1.64 | 0.71 | -1.11 | 0.69 | -41.57 | -43.03 | 25.81 |
| 0.753 | | 3.22 | | 4.13 | 0.73 | -2.05 | 0.83 | -1.61 | 0.76 | -38.23 | -38.37 | 22.62 |
| 0.902 | | 3.20 | | 3.98 | 0.82 | -2.11 | 0.94 | -2.61 | 0.77 | -37.49 | -37.58 | 20.58 |
| 1.000 | | 3.89 | | 3.89 |  |  |  |  | 0.70 | -32.89 | -32.94 | 31.45 |
| ***12-2-12 + TTAB*** | | | | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.59 | | 0.59 |  |  |  |  | 0.37 | -63.84 | -24.26 | 133.25 |
| 0.128 | | 0.35 | | 0.63 | 0.42 | -2.66 | 0.33 | -1.99 | 0.46 | -55.41 | -34.54 | 70.62 |
| 0.268 | | 0.37 | | 0.70 | 0.59 | -2.38 | 0.67 | -2.36 | 0.43 | -59.69 | -34.55 | 84.15 |
| 0.449 | | 0.39 | | 0.78 | 0.65 | -2.50 | 0.79 | -2.48 | 0.42 | -61.27 | -36.74 | 82.41 |
| 0.604 | | 0.58 | | 0.95 | 0.68 | -3.11 | 0.89 | -4.18 | 0.46 | -61.09 | -51.21 | 33.23 |
| 0.753 | | 0.67 | | 1.17 | 0.72 | -4.03 | 0.94 | -4.73 | 0.46 | -61.31 | -47.80 | 45.81 |
| 0.902 | | 1.12 | | 1.75 | 0.75 | -4.23 | 0.97 | -5.26 | 0.40 | -65.26 | -50.30 | 50.75 |
| 1.000 | | 2.32 | | 2.32 |  |  |  |  | 0.52 | -36.95 | -10.10 | 90.17 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.68 | | 0.68 |  |  |  |  | 0.44 | -61.11 | -24.30 | 119.08 |
| 0.128 | | 0.47 | | 0.72 | 0.41 | -2.19 | 0.33 | -1.66 | 0.55 | -55.41 | -34.53 | 70.21 |
| 0.268 | | 0.51 | | 0.79 | 0.60 | -2.14 | 0.67 | -1.98 | 0.49 | -57.19 | -34.83 | 72.62 |
| 0.449 | | 0.56 | | 0.87 | 0.65 | -3.16 | 0.79 | -2.65 | 0.48 | -59.20 | -36.90 | 72.30 |
| 0.604 | | 0.62 | | 1.04 | 0.72 | -2.54 | 0.89 | -2.94 | 0.51 | -58.49 | -52.27 | 20.44 |
| 0.753 | | 0.82 | | 1.25 | 0.75 | -2.02 | 0.94 | -3.39 | 0.48 | -60.30 | -49.92 | 34.47 |
| 0.902 | | 1.26 | | 1.82 | 0.79 | -1.59 | 0.97 | -4.95 | 0.46 | -62.27 | -50.85 | 37.10 |
| 1.000 | | 2.40 | | 2.40 |  |  |  |  | 0.58 | -36.49 | -10.34 | 85.33 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.79 | | 0.79 |  |  |  |  | 0.53 | -56.87 | -23.66 | 104.62 |
| 0.128 | | 0.65 | | 0.84 | 0.38 | -1.87 | 0.33 | -0.83 | 0.62 | -48.13 | -33.40 | 46.15 |
| 0.268 | | 0.69 | | 0.91 | 0.60 | -2.09 | 0.67 | -1.45 | 0.53 | -55.57 | -35.71 | 62.62 |
| 0.449 | | 0.76 | | 1.01 | 0.69 | -1.96 | 0.79 | -1.46 | 0.55 | -55.52 | -37.01 | 58.31 |
| 0.604 | | 0.92 | | 1.21 | 0.76 | -2.50 | 0.89 | -2.25 | 0.54 | -56.71 | -53.74 | 29.44 |
| 0.753 | | 1.04 | | 1.45 | 0.79 | -2.03 | 0.94 | -2.55 | 0.54 | -57.54 | -50.51 | 22.58 |
| 0.902 | | 1.76 | | 2.12 | 0.83 | -2.19 | 0.97 | -3.22 | 0.52 | -58.91 | -51.08 | 24.12 |
| 1.000 | | 2.79 | | 2.79 |  |  |  |  | 0.59 | -36.95 | -10.98 | 82.44 |
| ***5.0% BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.52 | | 0.52 |  |  |  |  | 0.53 | -55.76 | -41.74 | 47.26 |
| 0.128 | | 0.30 | | 0.55 | 0.42 | -2.26 | 0.33 | -2.22 | 0.70 | -43.25 | -60.05 | 56.46 |
| 0.268 | | 0.31 | | 0.62 | 0.60 | -2.34 | 0.67 | -2.01 | 0.66 | -46.91 | -55.46 | 29.10 |
| 0.449 | | 0.36 | | 0.69 | 0.65 | -2.55 | 0.79 | -2.83 | 0.66 | -48.27 | -62.88 | 49.22 |
| 0.604 | | 0.50 | | 0.85 | 0.69 | -2.44 | 0.89 | -3.99 | 0.67 | -48.74 | -69.66 | 70.47 |
| 0.753 | | 0.69 | | 1.05 | 0.71 | -3.19 | 0.94 | -4.58 | 0.70 | -47.65 | -64.08 | 55.15 |
| 0.902 | | 0.94 | | 1.59 | 0.74 | -2.81 | 0.96 | -5.55 | 0.69 | -48.54 | -58.53 | 33.62 |
| 1.000 | | 2.13 | | 2.13 |  |  |  |  | 0.69 | -32.9 | -29.05 | 33.45 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.65 | | 0.65 |  |  |  |  | 0.61 | -51.58 | -40.69 | 35.41 |
| 0.128 | | 0.50 | | 0.69 | 0.39 | -2.28 | 0.33 | -1.00 | 0.72 | -41.68 | -62.52 | 68.14 |
| 0.268 | | 0.56 | | 0.76 | 0.61 | -2.14 | 0.67 | -1.44 | 0.70 | -44.84 | -56.34 | 37.32 |
| 0.449 | | 0.63 | | 0.85 | 0.69 | -1.92 | 0.79 | -1.78 | 0.69 | -46.24 | -64.67 | 60.21 |
| 0.604 | | 0.76 | | 1.04 | 0.75 | -2.04 | 0.89 | -1.98 | 0.63 | -50.37 | -78.00 | 89.47 |
| 0.753 | | 0.94 | | 1.27 | 0.79 | -2.00 | 0.94 | -2.86 | 0.65 | -50.20 | -73.27 | 75.62 |
| 0.902 | | 1.53 | | 1.90 | 0.81 | -1.44 | 0.96 | -4.01 | 0.66 | -49.83 | -64.76 | 48.18 |
| 1.000 | | 2.53 | | 2.53 |  |  |  |  | 0.70 | -33.20 | -30.82 | 28.44 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.93 | | 0.93 |  |  |  |  | 0.64 | -49.94 | -41.99 | 25.62 |
| 0.128 | | 0.81 | | 1.00 | 0.37 | -2.06 | 0.33 | -0.50 | 0.74 | -39.88 | -65.15 | 79.64 |
| 0.268 | | 0.95 | | 1.11 | 0.64 | -2.13 | 0.67 | -0.67 | 0.70 | -43.77 | -59.98 | 51.25 |
| 0.449 | | 1.15 | | 1.25 | 0.74 | -1.96 | 0.79 | -0.78 | 0.71 | -44.44 | -67.69 | 73.12 |
| 0.604 | | 1.37 | | 1.55 | 0.84 | -1.88 | 0.89 | -0.96 | 0.68 | -46.61 | -78.63 | 100.11 |
| 0.753 | | 1.68 | | 1.91 | 0.84 | -2.35 | 0.94 | -1.96 | 0.68 | -47.54 | -74.98 | 86.32 |
| 0.902 | | 2.63 | | 2.90 | 0.86 | -2.57 | 0.97 | -3.35 | 0.68 | -48.05 | -67.27 | 60.87 |
| 1.000 | | 3.89 | | 3.89 |  |  |  |  | 0.70 | -32.89 | -32.94 | 31.45 |
| ***14-2-14 + TTAB*** | | | | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.12 | | 0.12 |  |  |  |  | 0.51 | -63.93 | -18.82 | 151.92 |
| 0.128 | | 0.09 | | 0.13 | 0.68 | -4.29 | 0.79 | -1.92 | 0.81 | -40.59 | -16.42 | 81.61 |
| 0.268 | | 0.10 | | 0.15 | 0.70 | -4.50 | 0.91 | -3.90 | 0.69 | -50.79 | -33.67 | 57.25 |
| 0.449 | | 0.11 | | 0.17 | 0.76 | -3.24 | 0.95 | -3.75 | 0.61 | -56.92 | -38.21 | 63.14 |
| 0.604 | | 0.14 | | 0.22 | 0.78 | -3.12 | 0.97 | -5.08 | 0.56 | -61.43 | -46.64 | 49.84 |
| 0.753 | | 0.17 | | 0.32 | 0.80 | -2.98 | 0.98 | -5.21 | 0.55 | -62.26 | -37.65 | 82.76 |
| 0.902 | | 0.41 | | 0.58 | 0.84 | -2.89 | 0.99 | -6.46 | 0.54 | -63.00 | -37.43 | 86.37 |
| 1.000 | | 2.32 | | 2.32 |  |  |  |  | 0.52 | -36.95 | -10.10 | 90.17 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.13 | | 0.13 |  |  |  |  | 0.48 | -67.68 | -20.76 | 150.04 |
| 0.128 | | 0.13 | | 0.14 | 0.63 | -3.33 | 0.79 | -3.53 | 0.75 | -46.56 | -17.54 | 94.62 |
| 0.268 | | 0.14 | | 0.16 | 0.74 | -3.73 | 0.91 | -2.78 | 0.68 | -51.88 | -36.33 | 50.14 |
| 0.449 | | 0.15 | | 0.18 | 0.80 | -2.94 | 0.95 | -3.10 | 0.64 | -55.68 | -39.29 | 53.85 |
| 0.604 | | 0.18 | | 0.24 | 0.84 | -3.24 | 0.97 | -3.65 | 0.58 | -60.26 | -48.42 | 38.63 |
| 0.753 | | 0.23 | | 0.34 | 0.87 | -3.97 | 0.98 | -3.81 | 0.57 | -61.35 | -39.28 | 72.91 |
| 0.902 | | 0.30 | | 0.61 | 0.94 | -3.23 | 0.99 | -6.88 | 0.58 | -60.98 | -38.46 | 73.12 |
| 1.000 | | 2.40 | | 2.40 |  |  |  |  | 0.58 | -36.49 | -10.34 | 85.33 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.15 | | 0.15 |  |  |  |  | 0.47 | -69.69 | -22.34 | 149.81 |
| 0.128 | | 0.16 | | 0.16 | 0.71 | -2.28 | 0.79 | -1.39 | 0.70 | -48.47 | -20.20 | 89.81 |
| 0.268 | | 0.17 | | 0.19 | 0.78 | -2.66 | 0.91 | -2.21 | 0.67 | -52.79 | -39.07 | 43.61 |
| 0.449 | | 0.21 | | 0.22 | 0.89 | -2.87 | 0.95 | -1.30 | 0.66 | -54.15 | -38.11 | 50.20 |
| 0.604 | | 0.26 | | 0.28 | 0.95 | -2.94 | 0.97 | -3.11 | 0.67 | -54.49 | -46.51 | 25.33 |
| 0.753 | | 0.30 | | 0.39 | 0.90 | -3.21 | 0.98 | -3.07 | 0.68 | -55.14 | -37.08 | 57.41 |
| 0.902 | | 0.57 | | 0.71 | 0.95 | -2.56 | 0.99 | -3.88 | 0.65 | -57.45 | -37.93 | 61.15 |
| 1.000 | | 2.79 | | 2.79 |  |  |  |  | 0.59 | -36.95 | -10.98 | 82.44 |
| ***5.0% BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.14 | | 0.14 |  |  |  |  | 0.70 | -51.00 | -17.54 | 108.63 |
| 0.128 | | 0.12 | | 0.14 | 0.68 | -2.87 | 0.79 | -1.61 | 0.75 | -43.97 | -34.18 | 33.62 |
| 0.268 | | 0.12 | | 0.16 | 0.69 | -3.27 | 0.91 | -3.97 | 0.60 | -56.80 | -68.37 | 39.15 |
| 0.449 | | 0.10 | | 0.18 | 0.75 | -3.91 | 0.95 | -4.47 | 0.63 | -55.55 | -52.55 | 30.82 |
| 0.604 | | 0.13 | | 0.23 | 0.76 | -4.14 | 0.97 | -5.23 | 0.53 | -63.43 | -56.53 | 23.13 |
| 0.753 | | 0.16 | | 0.31 | 0.78 | -4.45 | 0.98 | -3.12 | 0.58 | -60.10 | -47.57 | 42.41 |
| 0.902 | | 0.40 | | 0.55 | 0.80 | -3.18 | 0.99 | -3.37 | 0.59 | -60.15 | -42.40 | 59.20 |
| 1.000 | | 2.13 | | 2.13 |  |  |  |  | 0.69 | -32.90 | -29.05 | 33.45 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.15 | | 0.15 |  |  |  |  | 0.72 | -53.84 | -17.78 | 121.10 |
| 0.128 | | 0.12 | | 0.16 | 0.63 | -3.48 | 0.79 | -3.84 | 0.76 | -45.65 | -35.71 | 32.22 |
| 0.268 | | 0.13 | | 0.19 | 0.74 | -3.81 | 0.91 | -3.54 | 0.68 | -52.12 | -66.21 | 46.61 |
| 0.449 | | 0.14 | | 0.21 | 0.80 | -4.12 | 0.95 | -3.96 | 0.67 | -54.28 | -53.82 | 21.30 |
| 0.604 | | 0.16 | | 0.26 | 0.84 | -4.47 | 0.97 | -4.37 | 0.54 | -63.27 | -59.57 | 22.15 |
| 0.753 | | 0.21 | | 0.37 | 0.87 | -4.65 | 0.98 | -4.91 | 0.54 | -63.26 | -53.03 | 33.14 |
| 0.902 | | 0.29 | | 0.65 | 0.89 | -4.37 | 0.99 | -6.10 | 0.59 | -60.40 | -45.02 | 50.66 |
| 1.000 | | 2.53 | | 2.53 |  |  |  |  | 0.70 | -33.20 | -30.82 | 28.44 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.20 | | 0.20 |  |  |  |  | 0.73 | -51.37 | -19.40 | 100.35 |
| 0.128 | | 0.17 | | 0.21 | 0.70 | -2.42 | 0.79 | -1.49 | 0.70 | -47.28 | -41.38 | 18.69 |
| 0.268 | | 0.19 | | 0.25 | 0.82 | -2.75 | 0.91 | -1.30 | 0.70 | -49.26 | -68.83 | 61.47 |
| 0.449 | | 0.23 | | 0.28 | 0.85 | -3.53 | 0.95 | -2.74 | 0.69 | -51.76 | -52.34 | 22.58 |
| 0.604 | | 0.31 | | 0.37 | 0.85 | -4.05 | 0.97 | -2.80 | 0.56 | -61.70 | -62.41 | 22.14 |
| 0.753 | | 0.46 | | 0.53 | 0.85 | -3.76 | 0.98 | -4.11 | 0.65 | -56.65 | -50.53 | 19.50 |
| 0.902 | | 0.75 | | 0.97 | 0.88 | -3.36 | 0.99 | -4.72 | 0.65 | -56.91 | -44.94 | 38.23 |
| 1.000 | | 3.89 | | 3.89 |  |  |  |  | 0.70 | -32.89 | -32.94 | 31.45 |
| ***10-2-10 + TTAB*** | | | | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 6.36 | | 6.36 |  |  |  |  | 0.55 | -42.57 | -10.69 | 107.65 |
| 0.128 | | 3.95 | | 4.41 | 0.25 | -2.02 | 0.19 | -0.65 | 0.28 | -57.72 | -24.64 | 111.61 |
| 0.268 | | 3.57 | | 4.16 | 0.41 | -1.91 | 0.37 | -0.69 | 0.37 | -53.96 | -22.83 | 104.25 |
| 0.449 | | 3.35 | | 3.88 | 0.56 | -2.06 | 0.57 | -0.64 | 0.37 | -54.39 | -21.77 | 109.47 |
| 0.604 | | 3.13 | | 3.67 | 0.67 | -1.64 | 0.71 | -0.88 | 0.40 | -53.35 | -19.86 | 112.16 |
| 0.753 | | 2.98 | | 3.50 | 0.76 | -1.17 | 0.83 | -1.19 | 0.38 | -54.44 | -18.68 | 120.30 |
| 0.902 | | 2.78 | | 3.36 | 0.83 | -0.99 | 0.94 | -2.28 | 0.36 | -56.00 | -18.65 | 125.45 |
| 1.000 | | 3.27 | | 3.27 |  |  |  |  | 0.37 | -39.21 | -7.32 | 107.18 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 7.30 | | 7.30 |  |  |  |  | 0.54 | -44.13 | -11.63 | 105.63 |
| 0.128 | | 4.58 | | 4.74 | 0.22 | -2.48 | 0.19 | -0.27 | 0.34 | -56.04 | -25.11 | 100.89 |
| 0.268 | | 3.95 | | 4.43 | 0.40 | -2.72 | 0.37 | -0.49 | 0.43 | -51.93 | -22.96 | 94.46 |
| 0.449 | | 3.46 | | 4.09 | 0.56 | -1.98 | 0.57 | -0.76 | 0.42 | -53.57 | -22.23 | 102.18 |
| 0.604 | | 3.29 | | 3.85 | 0.67 | -1.74 | 0.71 | -0.85 | 0.44 | -52.64 | -20.36 | 105.92 |
| 0.753 | | 3.20 | | 3.64 | 0.77 | -2.10 | 0.83 | -0.97 | 0.43 | -53.54 | -19.12 | 102.50 |
| 0.902 | | 3.08 | | 3.46 | 0.86 | -1.14 | 0.93 | -1.56 | 0.42 | -54.34 | -18.90 | 115.66 |
| 1.000 | | 3.35 | | 3.35 |  |  |  |  | 0.40 | -39.63 | -7.66 | 104.35 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 7.41 | | 7.41 |  |  |  |  | 0.45 | -49.40 | -13.46 | 103.18 |
| 0.128 | | 5.20 | | 5.08 | 0.16 | - | 0.19 | 0.32 | 0.39 | -54.49 | -25.55 | 91.85 |
| 0.268 | | 4.69 | | 4.77 | 0.38 | -1.51 | 0.37 | -0.07 | 0.46 | -51.71 | -24.03 | 87.64 |
| 0.449 | | 4.35 | | 4.43 | 0.57 | -1.30 | 0.57 | -0.08 | 0.44 | -53.00 | -23.26 | 93.12 |
| 0.604 | | 4.00 | | 4.19 | 0.70 | -1.07 | 0.71 | -0.29 | 0.51 | -49.85 | -20.31 | 93.15 |
| 0.753 | | 3.74 | | 3.98 | 0.80 | -0.87 | 0.83 | -0.52 | 0.48 | -51.77 | -19.40 | 102.60 |
| 0.902 | | 3.47 | | 3.80 | 0.88 | -0.70 | 0.94 | -1.97 | 0.49 | -51.38 | -18.68 | 103.12 |
| 1.000 | | 3.69 | | 3.69 |  |  |  |  | 0.44 | -39.79 | -8.02 | 100.49 |
| ***5.0% tert BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 5.80 | | 5.80 |  |  |  |  | 0.36 | -51.65 | -18.40 | 111.06 |
| 0.128 | | 3.72 | | 4.72 | 0.30 | -2.08 | 0.19 | -1.39 | 0.40 | -52.60 | -32.34 | 68.23 |
| 0.268 | | 3.33 | | 4.35 | 0.42 | -2.12 | 0.37 | -1.03 | 0.43 | -51.31 | -33.54 | 59.14 |
| 0.449 | | 3.16 | | 3.94 | 0.55 | -2.14 | 0.57 | -0.91 | 0.43 | -51.78 | -23.03 | 96.65 |
| 0.604 | | 2.73 | | 3.65 | 0.64 | -1.68 | 0.71 | -1.39 | 0.51 | -48.76 | -20.27 | 95.20 |
| 0.753 | | 2.48 | | 3.40 | 0.71 | -1.51 | 0.83 | -1.86 | 0.47 | -50.96 | -24.59 | 88.21 |
| 0.902 | | 2.36 | | 3.18 | 0.79 | -1.31 | 0.94 | -2.86 | 0.46 | -51.81 | -20.11 | 106.17 |
| 1.000 | | 3.06 | | 3.06 |  |  |  |  | 0.43 | -38.15 | -7.63 | 102.22 |
|  |  | | ***308.15 K*** | | | | | | | | | |
| 0.000 | | 6.73 | | 6.73 |  |  |  |  | 0.40 | -50.66 | -18.96 | 103.64 |
| 0.128 | | 4.83 | | 5.41 | 0.26 | -2.15 | 0.19 | -0.75 | 0.44 | -50.54 | -33.02 | 57.91 |
| 0.268 | | 4.05 | | 4.93 | 0.42 | -2.37 | 0.37 | -0.91 | 0.50 | -48.66 | -33.56 | 49.31 |
| 0.449 | | 3.42 | | 4.41 | 0.55 | -1.77 | 0.57 | -1.06 | 0.56 | -46.70 | -21.64 | 81.14 |
| 0.604 | | 3.24 | | 4.03 | 0.65 | -1.43 | 0.71 | -1.02 | 0.53 | -48.32 | -21.12 | 88.66 |
| 0.753 | | 2.84 | | 3.71 | 0.72 | -1.19 | 0.83 | -1.55 | 0.48 | -51.57 | -26.08 | 83.17 |
| 0.902 | | 2.67 | | 3.43 | 0.80 | -1.08 | 0.94 | -2.35 | 0.53 | -49.28 | -20.01 | 95.25 |
| 1.000 | | 3.26 | | 3.26 |  |  |  |  | 0.48 | -37.96 | -7.89 | 97.47 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 7.22 | | 7.22 |  |  |  |  | 0.38 | -52.92 | -20.60 | 101.31 |
| 0.128 | | 5.53 | | 5.90 | 0.23 | -1.68 | 0.19 | -0.41 | 0.51 | -47.99 | -32.85 | 47.84 |
| 0.268 | | 5.10 | | 5.36 | 0.39 | -2.03 | 0.37 | -0.24 | 0.57 | -45.76 | -33.38 | 39.76 |
| 0.449 | | 4.23 | | 4.77 | 0.56 | -1.91 | 0.57 | -0.52 | 0.59 | -45.64 | -22.33 | 73.11 |
| 0.604 | | 3.60 | | 4.34 | 0.66 | -1.26 | 0.71 | -0.94 | 0.59 | -46.26 | -21.11 | 79.21 |
| 0.753 | | 3.43 | | 3.99 | 0.76 | -0.96 | 0.83 | -1.02 | 0.58 | -47.11 | -25.08 | 69.14 |
| 0.902 | | 3.08 | | 3.67 | 0.83 | -0.90 | 0.94 | -1.91 | 0.59 | -46.86 | -19.93 | 84.54 |
| 1.000 | | 3.49 | | 3.49 |  |  |  |  | 0.57 | -36.45 | -7.88 | 90.62 |
| ***12-2-12 + TTAB*** | | | | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.83 | | 0.83 |  |  |  |  | 0.29 | -66.32 | -22.60 | 146.25 |
| 0.128 | | 0.69 | | 0.89 | 0.40 | -1.64 | 0.33 | -1.24 | 0.41 | -55.53 | -24.20 | 105.06 |
| 0.268 | | 0.77 | | 0.98 | 0.62 | -1.67 | 0.67 | -1.27 | 0.36 | -60.35 | -29.37 | 103.14 |
| 0.449 | | 0.83 | | 1.10 | 0.70 | -1.71 | 0.79 | -1.29 | 0.33 | -62.73 | -33.80 | 97.82 |
| 0.604 | | 1.06 | | 1.34 | 0.76 | -1.73 | 0.89 | -2.19 | 0.35 | -63.45 | -33.49 | 100.31 |
| 0.753 | | 1.27 | | 1.64 | 0.81 | -1.75 | 0.94 | -2.70 | 0.33 | -65.03 | -36.26 | 96.15 |
| 0.902 | | 1.89 | | 2.46 | 0.83 | -1.50 | 0.97 | -3.21 | 0.30 | -66.88 | -32.75 | 114.42 |
| 1.000 | | 3.27 | | 3.27 |  |  |  |  | 0.37 | -39.21 | -7.32 | 107.65 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.89 | | 0.89 |  |  |  |  | 0.31 | -66.96 | -23.73 | 140.96 |
| 0.128 | | 0.84 | | 0.95 | 0.38 | -1.79 | 0.33 | -0.83 | 0.44 | -54.96 | -25.02 | 97.90 |
| 0.268 | | 0.92 | | 1.04 | 0.62 | -1.75 | 0.67 | -0.95 | 0.40 | -59.87 | -30.37 | 96.14 |
| 0.449 | | 1.05 | | 1.16 | 0.73 | -1.78 | 0.79 | -1.03 | 0.37 | -61.83 | -34.86 | 87.81 |
| 0.604 | | 1.21 | | 1.41 | 0.83 | -1.75 | 0.89 | -1.23 | 0.38 | -62.04 | -34.57 | 89.62 |
| 0.753 | | 1.39 | | 1.71 | 0.86 | -2.71 | 0.94 | -2.06 | 0.38 | -63.13 | -36.97 | 85.14 |
| 0.902 | | 2.11 | | 2.53 | 0.89 | -2.48 | 0.97 | -2.58 | 0.34 | -66.11 | -34.06 | 104.73 |
| 1.000 | | 3.35 | | 3.35 |  |  |  |  | 0.40 | -39.63 | -7.66 | 104.63 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.07 | | 1.07 |  |  |  |  | 0.38 | -64.38 | -23.96 | 127.94 |
| 0.128 | | 1.10 | | 1.13 | 0.37 | -1.66 | 0.33 | -0.54 | 0.48 | -54.04 | -25.89 | 88.62 |
| 0.268 | | 1.17 | | 1.23 | 0.65 | -1.73 | 0.67 | -0.42 | 0.42 | -58.94 | -31.64 | 86.31 |
| 0.449 | | 1.23 | | 1.36 | 0.78 | -1.24 | 0.79 | -0.41 | 0.40 | -61.11 | -36.46 | 77.18 |
| 0.604 | | 1.57 | | 1.62 | 0.83 | -1.47 | 0.89 | -1.17 | 0.43 | -60.76 | -35.47 | 79.43 |
| 0.753 | | 1.80 | | 1.94 | 0.90 | -1.67 | 0.94 | -1.23 | 0.44 | -60.21 | -37.22 | 72.21 |
| 0.902 | | 2.54 | | 2.82 | 0.96 | -1.81 | 0.97 | -1.77 | 0.39 | -63.96 | -34.56 | 92.72 |
| 1.000 | | 3.69 | | 3.69 |  |  |  |  | 0.44 | -39.79 | -8.02 | 100.18 |
| ***5.0% tert BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.77 | | 0.77 |  |  |  |  | 0.23 | -70.19 | -30.67 | 128.25 |
| 0.128 | | 0.65 | | 0.95 | 0.44 | -1.56 | 0.40 | -1.27 | 0.43 | -55.38 | -23.86 | 106.60 |
| 0.268 | | 0.67 | | 0.90 | 0.60 | -1.72 | 0.68 | -1.83 | 0.41 | -59.11 | -45.65 | 45.15 |
| 0.449 | | 0.75 | | 1.05 | 0.68 | -1.89 | 0.79 | -1.76 | 0.31 | -64.85 | -46.26 | 62.32 |
| 0.604 | | 0.88 | | 1.24 | 0.74 | -1.95 | 0.87 | -2.42 | 0.30 | -66.41 | -50.71 | 53.14 |
| 0.753 | | 0.97 | | 1.49 | 0.79 | -2.02 | 0.94 | -2.84 | 0.30 | -67.51 | -54.15 | 45.42 |
| 0.902 | | 1.57 | | 2.13 | 0.80 | -2.54 | 0.96 | -1.95 | 0.31 | -66.45 | -52.31 | 77.77 |
| 1.000 | | 3.06 | | 3.06 |  |  |  |  | 0.43 | -38.15 | -7.63 | 102.22 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.93 | | 0.93 |  |  |  |  | 0.30 | -67.36 | -30.95 | 114.62 |
| 0.128 | | 0.88 | | 1.64 | 0.45 | -1.69 | 0.40 | -1.47 | 0.54 | -51.31 | -22.98 | 92.62 |
| 0.268 | | 0.90 | | 1.07 | 0.62 | -2.81 | 0.68 | -1.21 | 0.47 | -56.16 | -45.94 | 33.95 |
| 0.449 | | 1.00 | | 1.22 | 0.73 | -2.11 | 0.79 | -1.09 | 0.37 | -62.28 | -47.21 | 49.14 |
| 0.604 | | 1.20 | | 1.41 | 0.78 | -2.48 | 0.87 | -1.59 | 0.36 | -63.41 | -51.36 | 39.80 |
| 0.753 | | 1.27 | | 1.67 | 0.84 | -1.52 | 0.94 | -2.38 | 0.37 | -63.49 | -54.03 | 31.33 |
| 0.902 | | 1.66 | | 2.32 | 0.87 | -2.61 | 0.99 | -1.64 | 0.34 | -66.45 | -44.25 | 65.21 |
| 1.000 | | 3.27 | | 3.27 |  |  |  |  | 0.48 | -37.96 | -7.89 | 97.47 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.07 | | 1.07 |  |  |  |  | 0.40 | -63.05 | -30.29 | 103.63 |
| 0.128 | | 1.15 | | 1.24 | 0.43 | -2.65 | 0.40 | -0.71 | 0.44 | -57.02 | -27.00 | 94.14 |
| 0.268 | | 1.24 | | 1.28 | 0.67 | -2.11 | 0.68 | -0.37 | 0.48 | -55.83 | -48.52 | 23.15 |
| 0.449 | | 1.34 | | 1.37 | 0.78 | -1.68 | 0.79 | -0.47 | 0.40 | -61.05 | -48.81 | 38.62 |
| 0.604 | | 1.50 | | 1.56 | 0.87 | -1.46 | 0.87 | -0.83 | 0.42 | -60.51 | -51.97 | 27.47 |
| 0.753 | | 1.98 | | 1.83 | 0.94 | - | 0.94 | 4.93 | 0.40 | -62.15 | -56.22 | 18.85 |
| 0.902 | | 2.99 | | 2.51 | 0.95 | - | 0.95 | 5.64 | 0.45 | -63.12 | -46.23 | 74.23 |
| 1.000 | | 3.49 | | 3.49 |  |  |  |  | 0.57 | -36.45 | -7.88 | 90.62 |
| ***14-2-14 + TTAB*** | | | | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.11 | | 0.11 |  |  |  |  | 0.21 | -83.74 | -39.73 | 147.31 |
| 0.128 | | 0.09 | | 0.13 | 0.62 | -3.39 | 0.79 | -2.38 | 0.37 | -74.42 | -53.24 | 70.24 |
| 0.268 | | 0.10 | | 0.16 | 0.71 | -3.84 | 0.91 | -3.88 | 0.38 | -72.76 | -57.84 | 50.46 |
| 0.449 | | 0.12 | | 0.19 | 0.75 | -4.04 | 0.95 | -3.95 | 0.43 | -69.29 | -60.00 | 31.25 |
| 0.604 | | 0.16 | | 0.26 | 0.77 | -4.72 | 0.97 | -4.60 | 0.48 | -64.20 | -42.85 | 72.14 |
| 0.753 | | 0.22 | | 0.40 | 0.80 | -5.11 | 0.98 | -5.13 | 0.62 | -53.9 | -37.50 | 53.12 |
| 0.902 | | 0.48 | | 0.77 | 0.83 | -5.74 | 0.99 | -6.21 | 0.73 | -44.48 | -19.06 | 85.30 |
| 1.000 | | 3.27 | | 3.27 |  |  |  |  | 0.37 | -40.27 | -7.45 | 110.65 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.14 | | 0.14 |  |  |  |  | 0.23 | -84.02 | -41.93 | 136.62 |
| 0.128 | | 0.13 | | 0.15 | 0.67 | -2.72 | 0.79 | -2.21 | 0.75 | -44.36 | -19.88 | 79.61 |
| 0.268 | | 0.15 | | 0.19 | 0.81 | -2.84 | 0.91 | -1.69 | 0.62 | -53.86 | -37.50 | 53.31 |
| 0.449 | | 0.20 | | 0.22 | 0.85 | -3.04 | 0.95 | -2.13 | 0.52 | -61.56 | -43.84 | 57.42 |
| 0.604 | | 0.25 | | 0.29 | 0.92 | -3.06 | 0.97 | -2.96 | 0.47 | -65.79 | -61.56 | 34.18 |
| 0.753 | | 0.36 | | 0.43 | 0.86 | -3.01 | 0.98 | -4.38 | 0.50 | -65.47 | -55.30 | 33.91 |
| 0.902 | | 0.54 | | 0.82 | 0.89 | -2.65 | 0.99 | -5.71 | 0.45 | -69.82 | -53.24 | 54.20 |
| 1.000 | | 3.35 | | 3.35 |  |  |  |  | 0.40 | -39.80 | -7.63 | 104.63 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.17 | | 0.17 |  |  |  |  | 0.29 | -81.13 | -42.42 | 121.95 |
| 0.128 | | 0.17 | | 0.19 | 0.68 | -2.40 | 0.79 | -1.61 | 0.78 | -43.15 | -20.31 | 72.82 |
| 0.268 | | 0.21 | | 0.22 | 0.79 | -2.49 | 0.91 | -2.25 | 0.66 | -52.76 | -38.14 | 46.80 |
| 0.449 | | 0.22 | | 0.25 | 0.86 | -2.62 | 0.95 | -1.74 | 0.58 | -59.16 | -44.09 | 47.40 |
| 0.604 | | 0.29 | | 0.34 | 0.96 | -3.02 | 0.97 | -4.61 | 0.52 | -63.17 | -62.27 | 34.16 |
| 0.753 | | 0.38 | | 0.49 | 0.99 | -4.44 | 0.98 | -3.56 | 0.55 | -62.37 | -50.23 | 33.31 |
| 0.902 | | 0.67 | | 0.91 | 0.94 | -4.01 | 0.99 | -4.00 | 0.58 | -61.26 | -49.68 | 38.17 |
| 1.000 | | 3.69 | | 3.69 |  |  |  |  | 0.44 | -39.66 | -7.92 | 100.18 |
| ***5.0% tert BuOH*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.11 | | 0.11 |  |  |  |  | 0.39 | -72.29 | -33.27 | 127.08 |
| 0.128 | | 0.09 | | 0.12 | 0.76 | -2.06 | 0.82 | -1.20 | 0.74 | -43.38 | -13.47 | 100.16 |
| 0.268 | | 0.08 | | 0.13 | 0.74 | -2.98 | 0.93 | -3.50 | 0.56 | -59.07 | -43.32 | 53.24 |
| 0.449 | | 0.12 | | 0.16 | 0.77 | -3.02 | 0.96 | -4.55 | 0.55 | -60.75 | -58.11 | 29.15 |
| 0.604 | | 0.13 | | 0.21 | 0.82 | -4.76 | 0.98 | -4.11 | 0.50 | -64.73 | -61.35 | 31.92 |
| 0.753 | | 0.18 | | 0.29 | 0.79 | -5.12 | 0.99 | -3.16 | 0.50 | -66.29 | -81.10 | 49.30 |
| 0.902 | | 0.53 | | 0.62 | 0.78 | -3.37 | 0.99 | -3.52 | 0.55 | -67.85 | -41.23 | 84.14 |
| 1.000 | | 3.06 | | 3.06 |  |  |  |  | 0.43 | -38.15 | -7.63 | 102.22 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.13 | | 0.13 |  |  |  |  | 0.49 | -67.23 | -32.50 | 109.62 |
| 0.128 | | 0.15 | | 0.16 | 0.72 | -1.57 | 0.82 | -1.78 | 0.72 | -46.36 | -14.84 | 102.44 |
| 0.268 | | 0.15 | | 0.16 | 0.79 | -2.44 | 0.93 | -2.61 | 0.61 | -56.18 | -43.64 | 40.15 |
| 0.449 | | 0.15 | | 0.19 | 0.86 | -3.05 | 0.96 | -2.87 | 0.56 | -60.33 | -61.72 | 24.62 |
| 0.604 | | 0.20 | | 0.24 | 0.85 | -3.94 | 0.98 | -3.30 | 0.54 | -62.89 | -62.83 | 50.30 |
| 0.753 | | 0.24 | | 0.32 | 0.95 | -4.24 | 0.99 | -6.44 | 0.60 | -59.03 | -78.26 | 62.17 |
| 0.902 | | 0.51 | | 0.68 | 0.91 | -5.11 | 0.98 | -2.65 | 0.66 | -55.21 | -48.65 | 89.12 |
| 1.000 | | 3.27 | | 3.27 |  |  |  |  | 0.48 | -37.96 | -7.89 | 97.47 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.18 | | 0.18 |  |  |  |  | 0.57 | -36.45 | -7.88 | 90.62 |
| 0.128 | | 0.20 | | 0.22 | 0.77 | -2.22 | 0.82 | -0.88 | 0.65 | -50.92 | -17.23 | 106.62 |
| 0.268 | | 0.21 | | 0.23 | 0.85 | -3.27 | 0.93 | -2.17 | 0.67 | -52.33 | -43.07 | 29.31 |
| 0.449 | | 0.26 | | 0.24 | - | - | - | - | 0.61 | -57.08 | -62.27 | 36.24 |
| 0.604 | | 0.38 | | 0.30 | 0.98 | - | 0.98 | 251 | 0.58 | -59.53 | -64.29 | 45.51 |
| 0.753 | | 0.59 | | 0.39 | 0.99 | - | 0.99 | 1285 | 0.55 | -62.05 | -88.25 | 82.58 |
| 0.902 | | 0.96 | | 0.76 | - | - | - | - | 0.54 | -62.24 | -44.36 | 91.12 |
| 1.000 | | 3.49 | | 3.49 |  |  |  |  | 0.58 | -61.20 | -31.37 | 94.10 |
| ***10-2-10 + TTAB*** | | | | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 7.33 | | 7.33 |  |  |  |  | 0.31 | -52.50 | -6.48 | 154.23 |
| 0.128 | | 4.83 | | 5.01 | 0.22 | -1.18 | 0.19 | -0.27 | 0.31 | -55.29 | -26.89 | 95.16 |
| 0.268 | | 4.44 | | 4.68 | 0.39 | -2.11 | 0.37 | -0.24 | 0.33 | -54.55 | -27.61 | 91.21 |
| 0.449 | | 4.06 | | 4.32 | 0.57 | -1.13 | 0.57 | -0.31 | 0.36 | -53.72 | -20.67 | 111.15 |
| 0.604 | | 3.80 | | 4.05 | 0.70 | -1.24 | 0.71 | -0.48 | 0.33 | -55.37 | -21.24 | 114.43 |
| 0.753 | | 3.68 | | 3.83 | 0.81 | -1.94 | 0.83 | -0.61 | 0.35 | -54.86 | -17.22 | 126.82 |
| 0.902 | | 3.64 | | 3.65 | 0.93 | -2.03 | 0.94 | -0.63 | 0.24 | -38.45 | -10.41 | 165.11 |
| 1.000 | | 3.53 | | 3.53 |  |  |  |  | 0.28 | -41.17 | -8.57 | 109.12 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 7.80 | | 7.80 |  |  |  |  | 0.35 | -52.06 | -6.69 | 147.38 |
| 0.128 | | 5.53 | | 5.35 | 0.17 | - | 0.19 | 0.23 | 0.34 | -54.88 | -27.98 | 87.23 |
| 0.268 | | 5.13 | | 5.01 | 0.36 | - | 0.37 | 0.16 | 0.36 | -54.41 | -28.59 | 84.14 |
| 0.449 | | 4.70 | | 4.63 | 0.57 | - | 0.57 | 0.09 | 0.36 | -54.68 | -22.08 | 106.62 |
| 0.604 | | 4.39 | | 4.36 | - | - | - | - | 0.36 | -55.20 | -22.21 | 107.31 |
| 0.753 | | 4.20 | | 4.14 | 0.80 | - | 0.83 | 0.84 | 0.38 | -54.27 | -17.87 | 118.24 |
| 0.902 | | 3.95 | | 3.94 | - | - | - | - | 0.34 | -56.85 | -15.39 | 134.45 |
| 1.000 | | 3.82 | | 3.82 |  |  |  |  | 0.30 | -41.58 | -9.02 | 106.67 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 7.49 | | 7.49 |  |  |  |  | 0.36 | -53.57 | -7.12 | 146.60 |
| 0.128 | | 6.55 | | 5.81 | 0.09 | - | 0.19 | 1.06 | 0.39 | -53.17 | -28.52 | 77.23 |
| 0.268 | | 6.11 | | 5.41 | 0.30 | - | 0.37 | 0.70 | 0.37 | -54.50 | -30.12 | 77.46 |
| 0.449 | | 5.22 | | 4.98 | 0.56 | - | 0.57 | 0.32 | 0.41 | -53.32 | -22.08 | 101.85 |
| 0.604 | | 4.86 | | 4.66 | 0.71 | - | 0.71 | 0.56 | 0.45 | -51.81 | -31.76 | 94.12 |
| 0.753 | | 4.46 | | 4.40 | 0.84 | - | 0.83 | 0.22 | 0.41 | -54.40 | -18.62 | 112.14 |
| 0.902 | | 4.26 | | 4.18 | 0.94 | - | 0.94 | 5.26 | 0.38 | -56.19 | -15.83 | 127.44 |
| 1.000 | | 4.04 | | 4.04 |  |  |  |  | 0.31 | -42.58 | -9.59 | 104.19 |
| ***5.0% PG*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 6.79 | | 6.79 |  |  |  |  | 0.24 | -56.11 | -15.23 | 137.82 |
| 0.128 | | 6.06 | | 6.13 | 0.20 | -1.93 | 0.19 | -0.07 | 0.42 | -48.63 | -37.91 | 36.82 |
| 0.268 | | 5.43 | | 5.66 | 0.39 | -1.25 | 0.37 | -0.22 | 0.45 | -47.79 | -33.66 | 47.16 |
| 0.449 | | 5.00 | | 5.16 | 0.57 | -2.02 | 0.57 | -0.16 | 0.39 | -50.99 | -33.30 | 59.93 |
| 0.604 | | 4.66 | | 4.79 | 0.71 | -0.94 | 0.71 | -0.24 | 0.42 | -50.38 | -32.62 | 59.42 |
| 0.753 | | 4.47 | | 4.48 | - | - | - | - | 0.42 | -50.59 | -29.46 | 71.55 |
| 0.902 | | 4.17 | | 4.22 | 0.93 | -1.28 | 0.94 | -0.29 | 0.38 | -52.40 | -33.49 | 63.47 |
| 1.000 | | 4.06 | | 4.06 |  |  |  |  | 0.47 | -36.03 | -13.30 | 76.85 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 7.26 | | 7.26 |  |  |  |  | 0.23 | -58.29 | -16.47 | 136.82 |
| 0.128 | | 7.41 | | 6.99 | 0.15 | - | 0.19 | 0.43 | 0.50 | -45.55 | -37.52 | 26.28 |
| 0.268 | | 6.63 | | 6.39 | 0.36 | - | 0.37 | 0.19 | 0.53 | -44.83 | -33.37 | 37.15 |
| 0.449 | | 6.06 | | 5.73 | 0.55 | - | 0.57 | 0.46 | 0.45 | -48.86 | -33.68 | 49.63 |
| 0.604 | | 5.60 | | 5.26 | 0.70 | - | 0.71 | 0.91 | 0.45 | -49.49 | -33.78 | 51.28 |
| 0.753 | | 5.13 | | 4.86 | 0.83 | - | 0.83 | 1.96 | 0.45 | -49.97 | -30.52 | 63.76 |
| 0.902 | | 4.80 | | 4.51 | 0.94 | - | 0.94 | 15.97 | 0.41 | -52.28 | -35.05 | 56.46 |
| 1.000 | | 4.31 | | 4.31 |  |  |  |  | 0.49 | -36.65 | -14.07 | 69.86 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 8.00 | | 8.00 |  |  |  |  | 0.21 | -60.56 | -17.86 | 134.27 |
| 0.128 | | 9.77 | | 7.69 | - | - | - | - | 0.45 | -47.72 | -41.89 | 38.46 |
| 0.268 | | 8.40 | | 7.12 | 0.27 | - | 0.37 | 0.93 | 0.49 | -46.71 | -36.86 | 31.95 |
| 0.449 | | 7.55 | | 6.49 | 0.51 | - | 0.57 | 4.55 | 0.42 | -50.66 | -34.64 | 50.25 |
| 0.604 | | 7.02 | | 6.04 | 0.67 | - | 0.71 | 1.95 | 0.47 | -48.78 | -35.24 | 42.99 |
| 0.753 | | 6.46 | | 5.66 | 0.82 | - | 0.83 | 1.10 | 0.45 | -50.12 | -32.41 | 55.63 |
| 0.902 | | 6.28 | | 5.33 | 0.93 | - | 0.94 | 34.87 | 0.45 | -50.49 | -35.98 | 45.75 |
| 1.000 | | 5.14 | | 5.14 |  |  |  |  | 0.50 | -36.85 | -14.89 | 69.88 |
| ***12-2-12 + TTAB*** | | | | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.92 | | 0.92 |  |  |  |  | 0.22 | -69.55 | -22.34 | 158.45 |
| 0.128 | | 0.90 | | 0.98 | 0.36 | -1.62 | 0.33 | -0.37 | 0.40 | -54.43 | -27.99 | 88.23 |
| 0.268 | | 0.97 | | 1.08 | 0.65 | -1.69 | 0.67 | -0.50 | 0.35 | -59.31 | -31.22 | 94.25 |
| 0.449 | | 1.11 | | 1.21 | 0.74 | -1.28 | 0.79 | -0.83 | 0.17 | -59.49 | -35.68 | 76.64 |
| 0.604 | | 1.33 | | 1.46 | 0.84 | -2.29 | 0.89 | -1.15 | 0.31 | -63.94 | -32.21 | 106.94 |
| 0.753 | | 1.64 | | 1.78 | 0.87 | -3.04 | 0.94 | -2.05 | 0.30 | -64.78 | -32.35 | 109.15 |
| 0.902 | | 2.48 | | 2.65 | 0.91 | -3.91 | 0.97 | -2.44 | 0.26 | -67.92 | -30.16 | 127.82 |
| 1.000 | | 3.53 | | 3.53 |  |  |  |  | 0.28 | -41.17 | -8.57 | 109.12 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.03 | | 1.03 |  |  |  |  | 0.28 | -68.25 | -22.89 | 147.16 |
| 0.128 | | 1.10 | | 1.10 | 0.35 | -1.72 | 0.33 | -0.20 | 0.46 | -52.50 | -28.24 | 79.62 |
| 0.268 | | 1.15 | | 1.20 | 0.66 | -1.94 | 0.67 | -0.37 | 0.38 | -58.78 | -32.36 | 86.31 |
| 0.449 | | 1.28 | | 1.34 | 0.77 | -2.09 | 0.79 | -0.44 | 0.32 | -63.09 | -40.83 | 72.81 |
| 0.604 | | 1.54 | | 1.62 | 0.86 | -1.98 | 0.89 | -0.67 | 0.36 | -62.15 | -32.79 | 95.20 |
| 0.753 | | 1.86 | | 1.96 | 0.91 | -1.22 | 0.94 | -1.99 | 0.34 | -64.23 | -33.67 | 99.15 |
| 0.902 | | 2.78 | | 2.89 | - |  | - | - | 0.33 | -64.94 | -30.35 | 112.62 |
| 1.000 | | 3.82 | | 3.82 |  |  |  |  | 0.30 | -41.58 | -9.02 | 106.67 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.17 | | 1.17 |  |  |  |  | 0.31 | -67.92 | -23.79 | 138.20 |
| 0.128 | | 1.25 | | 1.24 | 0.25 | - | 0.33 | 0.72 | 0.52 | -50.12 | -28.49 | 68.62 |
| 0.268 | | 1.40 | | 1.35 | 0.63 | - | 0.67 | 1.21 | 0.40 | -58.37 | -33.98 | 77.31 |
| 0.449 | | 1.60 | | 1.49 | 0.77 | - | 0.79 | 2.94 | 0.35 | -61.87 | -42.44 | 61.47 |
| 0.604 | | 2.02 | | 1.77 | 0.89 | - | 0.89 | 5.78 | 0.40 | -60.52 | -33.68 | 84.54 |
| 0.753 | | 2.37 | | 2.13 | 0.94 | - | 0.94 | 9.53 | 0.37 | -63.20 | -34.84 | 89.58 |
| 0.902 | | 3.49 | | 3.08 | 0.98 | - | 0.97 | 7.40 | 0.37 | -63.65 | -31.08 | 102.60 |
| 1.000 | | 4.04 | | 4.04 |  |  |  |  | 0.31 | -42.58 | -9.59 | 104.19 |
| ***5.0% PG*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.85 | | 0.85 |  |  |  |  | 0.21 | -70.82 | -28.92 | 136.62 |
| 0.128 | | 0.98 | | 1.02 | 0.42 | -1.49 | 0.40 | -0.42 | 0.43 | -53.03 | -34.40 | 62.29 |
| 0.268 | | 1.00 | | 1.04 | 0.65 | -1.68 | 0.68 | -0.68 | 0.36 | -58.92 | -43.76 | 51.51 |
| 0.449 | | 1.09 | | 1.24 | 0.73 | -1.71 | 0.79 | -0.93 | 0.35 | -60.72 | -50.60 | 34.26 |
| 0.604 | | 1.30 | | 1.51 | 0.81 | -1.76 | 0.87 | -1.14 | 0.30 | -64.19 | -51.39 | 43.37 |
| 0.753 | | 1.62 | | 1.86 | 0.91 | -1.70 | 0.94 | -1.69 | 0.27 | -66.26 | -54.07 | 41.14 |
| 0.902 | | 2.50 | | 2.76 | 0.88 | -1.85 | 0.96 | -1.02 | 0.24 | -67.64 | -54.64 | 64.82 |
| 1.000 | | 4.06 | | 4.06 |  |  |  |  | 0.47 | -36.03 | -13.30 | 76.85 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.12 | | 1.12 |  |  |  |  | 0.21 | -71.27 | -30.84 | 127.25 |
| 0.128 | | 1.32 | | 1.30 | - | - | - | - | 0.48 | -51.13 | -35.04 | 52.05 |
| 0.268 | | 1.36 | | 1.31 | - | - | - | - | 0.40 | -57.04 | -44.94 | 39.18 |
| 0.449 | | 1.55 | | 1.51 | 0.79 | - | 0.79 | 0.64 | 0.34 | -61.32 | -54.55 | 22.62 |
| 0.604 | | 1.82 | | 1.77 | 0.88 | - | 0.87 | 1.65 | 0.34 | -62.45 | -53.44 | 29.33 |
| 0.753 | | 2.13 | | 2.12 | 0.94 | - | 0.94 | 11.17 | 0.27 | -66.83 | -58.06 | 28.41 |
| 0.902 | | 3.06 | | 3.02 | - | - | - | - | 0.24 | -67.64 | -44.21 | 64.98 |
| 1.000 | | 4.31 | | 4.31 |  |  |  |  | 0.49 | -36.65 | -14.07 | 69.86 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.23 | | 1.23 |  |  |  |  | 0.22 | -72.36 | -32.62 | 125.62 |
| 0.128 | | 1.86 | | 1.47 | 0.37 | - | 0.40 | 0.39 | 0.46 | -52.86 | -38.25 | 46.11 |
| 0.268 | | 1.82 | | 1.46 | 0.65 | - | 0.68 | 1.27 | 0.42 | -56.39 | -47.04 | 29.05 |
| 0.449 | | 1.95 | | 1.71 | 0.77 | - | 0.79 | 3.34 | 0.36 | -60.65 | -57.13 | 21.16 |
| 0.604 | | 2.35 | | 2.03 | 0.86 | - | 0.87 | 7.47 | 0.38 | -60.76 | -54.85 | 28.92 |
| 0.753 | | 2.73 | | 2.46 | 0.93 | - | 0.94 | 45.63 | 0.30 | -65.20 | -60.07 | 36.30 |
| 0.902 | | 3.82 | | 3.56 | 0.95 | - | 0.93 | 55.58 | 0.28 | -66.94 | -48.52 | 89.14 |
| 1.000 | | 5.14 | | 5.14 |  |  |  |  | 0.50 | -36.85 | -14.89 | 69.88 |
| ***14-2-14 + TTAB*** | | | | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.15 | | 0.15 |  |  |  |  | 0.21 | -82.13 | -22.57 | 199.05 |
| 0.128 | | 0.14 | | 0.16 | 0.64 | -3.57 | 0.79 | -3.19 | 0.79 | -41.26 | -32.52 | 29.60 |
| 0.268 | | 0.16 | | 0.20 | 0.71 | -3.94 | 0.91 | -3.43 | 0.60 | -54.62 | -41.18 | 45.12 |
| 0.449 | | 0.18 | | 0.23 | 0.77 | -4.39 | 0.95 | -3.79 | 0.43 | -66.42 | -46.10 | 68.45 |
| 0.604 | | 0.20 | | 0.31 | 0.83 | -4.38 | 0.97 | -3.30 | 0.41 | -68.01 | -49.05 | 64.18 |
| 0.753 | | 0.26 | | 0.45 | 0.86 | -4.16 | 0.98 | -4.49 | 0.37 | -71.29 | -51.46 | 66.90 |
| 0.902 | | 0.46 | | 0.86 | 0.91 | -3.28 | 0.99 | -4.70 | 0.28 | -77.46 | -48.39 | 98.31 |
| 1.000 | | 3.53 | | 3.53 |  |  |  |  | 0.28 | -41.17 | -8.57 | 109.12 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.16 | | 0.16 |  |  |  |  | 0.22 | -83.74 | -23.90 | 194.96 |
| 0.128 | | 0.19 | | 0.18 | 0.64 | -3.05 | 0.79 | -2.88 | 0.77 | -43.39 | -35.72 | 25.28 |
| 0.268 | | 0.22 | | 0.22 | 0.81 | -3.14 | 0.91 | -2.59 | 0.56 | -54.62 | -45.85 | 37.64 |
| 0.449 | | 0.25 | | 0.25 | 0.84 | -3.41 | 0.95 | -1.75 | 0.47 | -63.95 | -47.24 | 54.15 |
| 0.604 | | 0.29 | | 0.34 | 0.94 | -3.51 | 0.97 | -3.13 | 0.38 | -70.41 | -53.91 | 53.74 |
| 0.753 | | 0.36 | | 0.49 | 0.88 | - | 0.98 | 265 | 0.38 | -71.56 | -54.79 | 54.62 |
| 0.902 | | 0.52 | | 0.93 | - | - | - | - | 0.27 | -79.03 | -52.17 | 87.31 |
| 1.000 | | 3.82 | | 3.82 |  |  |  |  | 0.30 | -41.58 | -9.02 | 106.67 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.19 | | 0.19 |  |  |  |  | 0.23 | -84.81 | -25.34 | 187.63 |
| 0.128 | | 0.16 | | 0.21 | 0.72 | -2.56 | 0.79 | -0.96 | 0.74 | -44.51 | -39.53 | 16.23 |
| 0.268 | | 0.21 | | 0.25 | 0.85 | -2.58 | 0.91 | -1.28 | 0.55 | -58.46 | -49.54 | 28.15 |
| 0.449 | | 0.24 | | 0.29 | 0.93 | -3.33 | 0.95 | -2.14 | 0.47 | -65.11 | -47.48 | 55.84 |
| 0.604 | | 0.46 | | 0.38 | - | - | - | - | 0.40 | -70.13 | -56.71 | 42.17 |
| 0.753 | | 0.64 | | 0.54 | - | - | - | - | 0.39 | -70.90 | -57.40 | 42.94 |
| 0.902 | | 1.21 | | 1.00 | - | - | - | - | 0.29 | -78.86 | -54.81 | 76.63 |
| 1.000 | | 4.04 | | 4.04 |  |  |  |  | 0.31 | -42.58 | -9.59 | 104.19 |
| ***5.0% PG*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.14 | | 0.14 |  |  |  |  | 0.52 | -62.35 | -27.98 | 111.14 |
| 0.128 | | 0.15 | | 0.16 | 0.66 | -3.61 | 0.82 | -2.99 | 0.72 | -44.94 | -38.90 | 50.62 |
| 0.268 | | 0.16 | | 0.17 | 0.78 | -3.81 | 0.93 | -2.77 | 0.55 | -57.61 | -48.30 | 61.15 |
| 0.449 | | 0.21 | | 0.21 | 0.94 | -3.65 | 0.96 | -3.44 | 0.38 | -67.98 | -47.55 | 68.28 |
| 0.604 | | 0.26 | | 0.27 | 0.97 | -3.79 | 0.98 | -2.77 | 0.37 | -69.45 | -47.69 | 73.90 |
| 0.753 | | 0.28 | | 0.38 | 0.96 | -3.37 | 0.99 | -3.53 | 0.35 | -72.21 | -41.87 | 102.13 |
| 0.902 | | 0.47 | | 0.82 | 0.95 | -4.42 | 0.98 | -3.25 | 0.34 | -71.24 | -41.54 | 106.19 |
| 1.000 | | 4.06 | | 4.06 |  |  |  |  | 0.47 | -36.03 | -13.30 | 76.85 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.18 | | 0.18 |  |  |  |  | 0.55 | -61.86 | -29.22 | 103.58 |
| 0.128 | | 0.19 | | 0.20 | 0.77 | -2.74 | 0.82 | -0.67 | 0.67 | -47.24 | -44.36 | 49.54 |
| 0.268 | | 0.23 | | 0.21 | 0.90 | -2.95 | 0.93 | -1.23 | 0.49 | -60.84 | -54.45 | 61.47 |
| 0.449 | | 0.31 | | 0.25 | 0.97 | - | 0.96 | 109 | 0.48 | -62.38 | -46.21 | 52.62 |
| 0.604 | | 0.55 | | 0.32 | 0.98 | - | 0.98 | 497 | 0.47 | -63.32 | -46.38 | 55.38 |
| 0.753 | | 0.99 | | 0.43 | 0.99 | - | 0.99 | 2569 | 0.33 | -73.08 | -45.59 | 89.90 |
| 0.902 | | 1.81 | | 0.90 | - | - | - | - | 0.31 | -70.54 | -44.56 | 94.15 |
| 1.000 | | 4.31 | | 4.31 |  |  |  |  | 0.49 | -36.65 | -14.07 | 69.86 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.20 | | 0.20 |  |  |  |  | 0.56 | -62.33 | -30.66 | 99.96 |
| 0.128 | | 0.21 | | 0.23 | 0.76 | -2.12 | 0.82 | -1.07 | 0.70 | -46.20 | -45.30 | 43.16 |
| 0.268 | | 0.26 | | 0.24 | 0.94 | - | 0.93 | 25.44 | 0.64 | -52.43 | -49.70 | 58.92 |
| 0.449 | | 0.38 | | 0.29 | 0.96 | - | 0.96 | 157 | 0.65 | -52.40 | -38.50 | 43.31 |
| 0.604 | | 0.47 | | 0.37 | 0.98 | - | 0.98 | 642 | 0.67 | -52.23 | -40.12 | 38.14 |
| 0.753 | | 0.75 | | 0.50 | 0.99 | - | 0.99 | 1327 | 0.42 | -69.66 | -44.85 | 78.40 |
| 0.902 | | 0.92 | | 1.06 | - | - | - | - | 0.44 | -66.35 | -35.82 | 84.16 |
| 1.000 | | 5.14 | | 5.14 |  |  |  |  | 0.50 | -36.85 | -14.89 | 69.88 |
| ***10-2-10 + TTAB*** | | | | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 5.33 | | 5.33 |  |  |  |  | 0.18 | -60.56 | -17.24 | 145.31 |
| 0.128 | | 4.93 | | 5.00 | - | - | - | - | 0.30 | -55.37 | -44.06 | 38.26 |
| 0.268 | | 4.55 | | 4.69 | 0.39 | -1.67 | 0.37 | -0.19 | 0.29 | -56.51 | -41.73 | 49.15 |
| 0.449 | | 4.15 | | 4.35 | 0.57 | -2.35 | 0.57 | -0.24 | 0.34 | -54.36 | -50.09 | 54.87 |
| 0.604 | | 3.93 | | 4.11 | 0.70 | -1.77 | 0.71 | -0.27 | 0.39 | -52.70 | -45.73 | 73.63 |
| 0.753 | | 3.74 | | 3.90 | 0.81 | -1.34 | 0.83 | -0.40 | 0.32 | -56.17 | -33.73 | 75.14 |
| 0.902 | | 3.65 | | 3.73 | 0.92 | -2.39 | 0.94 | -0.54 | 0.29 | -57.76 | -32.60 | 84.80 |
| 1.000 | | 3.62 | | 3.62 |  |  |  |  | 0.26 | -41.19 | -7.69 | 112.11 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 5.80 | | 5.80 |  |  |  |  | 0.25 | -58.68 | -16.43 | 137.83 |
| 0.128 | | 5.80 | | 5.45 | 0.15 | - | 0.19 | 0.44 | 0.35 | -54.06 | -45.25 | 38.26 |
| 0.268 | | 5.20 | | 5.12 | 0.37 | - | 0.37 | 0.07 | 0.41 | -51.68 | -40.01 | 37.38 |
| 0.449 | | 4.83 | | 4.76 | 0.57 | - | 0.57 | 0.08 | 0.37 | -53.89 | -52.15 | 56.92 |
| 0.604 | | 4.58 | | 4.51 | 0.71 | - | 0.71 | 0.26 | 0.42 | -51.89 | -47.30 | 45.47 |
| 0.753 | | 4.41 | | 4.29 | 0.83 | - | 0.83 | 1.14 | 0.35 | -55.36 | -34.95 | 66.82 |
| 0.902 | | 4.15 | | 4.10 | 0.94 | - | 0.94 | 2.92 | 0.34 | -56.45 | -33.38 | 75.66 |
| 1.000 | | 4.11 | | 4.11 |  |  |  |  | 0.28 | -41.95 | -8.15 | 110.12 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 6.30 | | 6.30 |  |  |  |  | 0.33 | -56.06 | -16.36 | 125.92 |
| 0.128 | | 6.80 | | 5.92 | - | - | - | - | 0.37 | -53.65 | -43.71 | 31.86 |
| 0.268 | | 5.83 | | 5.56 | 0.28 | - | 0.37 | 0.28 | 0.48 | -49.31 | -39.90 | 29.25 |
| 0.449 | | 5.73 | | 5.17 | 0.53 | - | 0.57 | 0.80 | 0.43 | -52.01 | -49.66 | 37.94 |
| 0.604 | | 5.30 | | 4.89 | 0.70 | - | 0.71 | 1.11 | 0.46 | -50.85 | -48.60 | 47.72 |
| 0.753 | | 4.90 | | 4.66 | 0.83 | - | 0.83 | 1.86 | 0.43 | -52.76 | -34.77 | 56.31 |
| 0.902 | | 4.62 | | 4.45 | 0.94 | - | 0.94 | 9.30 | 0.38 | -55.34 | -34.17 | 66.10 |
| 1.000 | | 4.33 | | 4.33 |  |  |  |  | 0.28 | -42.87 | -8.65 | 107.15 |
| ***5.0% Gly*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 6.79 | | 6.79 |  |  |  |  | 0.24 | -55.99 | -15.19 | 137.21 |
| 0.128 | | 6.13 | | 6.26 | 0.21 | -1.72 | 0.37 | -0.17 | 0.40 | -49.67 | -30.21 | 65.25 |
| 0.268 | | 5.63 | | 5.76 | 0.39 | -2.28 | 0.57 | -0.18 | 0.39 | -50.38 | -31.00 | 65.15 |
| 0.449 | | 5.06 | | 5.23 | 0.57 | -1.92 | 0.71 | -0.15 | 0.41 | -50.31 | -25.78 | 82.46 |
| 0.604 | | 4.55 | | 4.84 | 0.70 | -1.49 | 0.83 | -0.44 | 0.43 | -49.89 | -27.41 | 75.58 |
| 0.753 | | 4.30 | | 4.51 | 0.81 | -1.77 | 0.94 | -0.51 | 0.36 | -53.18 | -27.85 | 85.76 |
| 0.902 | | 4.22 | | 4.23 | - | - | - | - | 0.32 | -55.27 | -28.07 | 91.35 |
| 1.000 | | 4.06 | | 4.06 |  |  |  |  | 0.22 | -41.90 | -10.71 | 105.44 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 7.26 | | 7.26 |  |  |  |  | 0.23 | -58.29 | -16.47 | 136.49 |
| 0.128 | | 7.95 | | 7.49 | 0.15 | - | 0.19 | 0.43 | 0.43 | -48.63 | -31.47 | 55.63 |
| 0.268 | | 7.33 | | 6.77 | 0.33 | - | 0.37 | 0.46 | 0.41 | -49.82 | -32.63 | 55.14 |
| 0.449 | | 6.55 | | 5.98 | 0.54 | - | 0.57 | 0.70 | 0.41 | -50.20 | -27.34 | 74.17 |
| 0.604 | | 6.01 | | 5.41 | 0.69 | - | 0.71 | 1.44 | 0.36 | -53.03 | -30.96 | 71.18 |
| 0.753 | | 5.33 | | 4.93 | 0.83 | - | 0.83 | 2.80 | 0.37 | -53.35 | -29.54 | 77.92 |
| 0.902 | | 4.83 | | 4.52 | 0.94 | - | 0.94 | 17.8 | 0.32 | -56.30 | -29.99 | 85.23 |
| 1.000 | | 4.27 | | 4.27 |  |  |  |  | 0.29 | -41.50 | -11.02 | 99.76 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 8.36 | | 8.36 |  |  |  |  | 0.21 | -60.26 | -22.65 | 118.36 |
| 0.128 | | 8.88 | | 7.66 | 0.07 | - | 0.19 | 1.35 | 0.48 | -47.23 | -31.96 | 48.58 |
| 0.268 | | 8.22 | | 7.01 | 0.27 | - | 0.37 | 0.91 | 0.46 | -48.44 | -33.18 | 48.44 |
| 0.449 | | 6.98 | | 6.31 | 0.53 | - | 0.57 | 0.79 | 0.48 | -48.52 | -25.77 | 71.25 |
| 0.604 | | 6.45 | | 5.80 | 0.69 | - | 0.71 | 1.45 | 0.42 | -51.89 | -31.52 | 64.14 |
| 0.753 | | 6.01 | | 5.37 | 0.82 | - | 0.83 | 3.94 | 0.45 | -50.50 | -29.25 | 66.55 |
| 0.902 | | 5.83 | | 5.00 | 0.93 | - | 0.94 | 32.7 | 0.32 | -54.52 | -30.60 | 75.36 |
| 1.000 | | 4.78 | | 4.78 |  |  |  |  | 0.42 | -39.15 | -10.86 | 89.87 |
| ***12-2-12 + TTAB*** | | | | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.91 | | 0.91 |  |  |  |  | 0.23 | -69.17 | -25.11 | 148.45 |
| 0.128 | | 0.87 | | 0.97 | 0.38 | -2.14 | 0.33 | -0.70 | 0.35 | -57.09 | -30.37 | 89.65 |
| 0.268 | | 0.93 | | 1.08 | 0.63 | -2.17 | 0.67 | -0.94 | 0.33 | -60.73 | -40.27 | 68.15 |
| 0.449 | | 1.09 | | 1.21 | 0.71 | -2.33 | 0.79 | -1.20 | 0.33 | -62.01 | -39.31 | 76.64 |
| 0.604 | | 1.23 | | 1.48 | 0.83 | -2.19 | 0.89 | -1.27 | 0.29 | -64.95 | -37.58 | 92.25 |
| 0.753 | | 1.51 | | 1.81 | 0.84 | -1.23 | 0.94 | -1.55 | 0.31 | -64.89 | -37.85 | 91.82 |
| 0.902 | | 2.36 | | 2.72 | 0.90 | -2.56 | 0.97 | -2.25 | 0.23 | -69.34 | -36.08 | 111.12 |
| 1.000 | | 3.62 | | 3.62 |  |  |  |  | 0.26 | -41.19 | -7.69 | 112.11 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.01 | | 1.01 |  |  |  |  | 0.27 | -68.57 | -25.97 | 138.63 |
| 0.128 | | 1.07 | | 1.08 | 0.37 | -1.91 | 0.33 | -0.54 | 0.39 | -56.15 | -31.28 | 81.95 |
| 0.268 | | 1.17 | | 1.19 | 0.65 | -1.97 | 0.67 | -0.49 | 0.37 | -59.67 | -41.67 | 58.62 |
| 0.449 | | 1.29 | | 1.34 | 0.77 | -2.18 | 0.79 | -0.56 | 0.35 | -61.67 | -41.29 | 66.13 |
| 0.604 | | 1.55 | | 1.64 | 0.87 | -2.19 | 0.89 | -1.07 | 0.33 | -63.88 | -38.80 | 81.85 |
| 0.753 | | 1.84 | | 2.00 | 0.92 | -1.92 | 0.94 | -0.63 | 0.35 | -63.49 | -39.09 | 79.44 |
| 0.902 | | 2.69 | | 2.99 | 0.97 | -1.08 | 0.97 | -1.64 | 0.30 | -66.41 | -36.41 | 97.62 |
| 1.000 | | 4.11 | | 4.11 |  |  |  |  | 0.28 | -41.95 | -8.15 | 110.12 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.19 | | 1.19 |  |  |  |  | 0.33 | -66.18 | -26.27 | 125.80 |
| 0.128 | | 1.28 | | 1.26 | 0.32 | - | 0.33 | 0.15 | 0.41 | -55.64 | -32.76 | 72.15 |
| 0.268 | | 1.43 | | 1.38 | 0.65 | - | 0.67 | 0.82 | 0.40 | -58.20 | -43.09 | 47.58 |
| 0.449 | | 1.66 | | 1.54 | 0.78 | - | 0.79 | 1.20 | 0.37 | -61.07 | -43.14 | 56.46 |
| 0.604 | | 1.94 | | 1.85 | 0.89 | - | 0.89 | 6.11 | 0.35 | -63.19 | -40.59 | 71.28 |
| 0.753 | | 2.41 | | 2.23 | 0.94 | - | 0.94 | 7.97 | 0.37 | -62.92 | -40.76 | 70.24 |
| 0.902 | | 3.38 | | 3.28 | 0.98 | - | 0.97 | 16.15 | 0.37 | -63.65 | -36.62 | 85.62 |
| 1.000 | | 4.33 | | 4.33 |  |  |  |  | 0.28 | -42.87 | -8.65 | 107.15 |
| ***5.0% Gly*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.92 | | 0.92 |  |  |  |  | 0.24 | -68.66 | -30.03 | 125.62 |
| 0.128 | | 1.02 | | 1.04 | 0.44 | -1.61 | 0.41 | -0.70 | 0.37 | -56.33 | -23.60 | 110.63 |
| 0.268 | | 1.00 | | 1.10 | 0.63 | -1.85 | 0.68 | -1.03 | 0.39 | -57.54 | -32.95 | 82.25 |
| 0.449 | | 1.14 | | 1.28 | 0.73 | -2.01 | 0.80 | -1.15 | 0.33 | -61.76 | -44.64 | 57.28 |
| 0.604 | | 1.30 | | 1.54 | 0.81 | -2.13 | 0.88 | -1.07 | 0.31 | -63.62 | -43.42 | 67.64 |
| 0.753 | | 1.53 | | 1.91 | 0.88 | -2.23 | 0.94 | -1.63 | 0.29 | -65.41 | -51.63 | 46.15 |
| 0.902 | | 2.36 | | 2.76 | 0.87 | -1.52 | 0.93 | -1.11 | 0.25 | -66.31 | -41.25 | 44.94 |
| 1.000 | | 4.06 | | 4.06 |  |  |  |  | 0.22 | -41.90 | -10.71 | 105.44 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.01 | | 1.01 |  |  |  |  | 0.23 | -70.91 | -32.33 | 121.60 |
| 0.128 | | 1.24 | | 1.21 | 0.43 | -1.58 | 0.41 | -0.52 | 0.41 | -55.61 | -24.72 | 100.60 |
| 0.268 | | 1.25 | | 1.20 | 0.67 | -1.71 | 0.68 | -0.19 | 0.37 | -59.19 | -35.87 | 75.14 |
| 0.449 | | 1.36 | | 1.39 | 0.78 | -1.86 | 0.80 | -0.27 | 0.37 | -60.55 | -46.14 | 47.95 |
| 0.604 | | 1.60 | | 1.66 | 0.87 | -2.23 | 0.88 | -0.22 | 0.27 | -66.76 | -47.98 | 61.32 |
| 0.753 | | 1.94 | | 2.04 | 0.94 | - | 0.94 | 10.93 | 0.28 | -66.87 | -55.64 | 36.82 |
| 0.902 | | 2.58 | | 2.92 | 0.93 | - | 0.93 | 8.54 | 0.26 | -63.25 | -56.42 | 64.05 |
| 1.000 | | 4.27 | | 4.27 |  |  |  |  | 0.29 | -41.50 | -11.02 | 99.76 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 1.25 | | 1.25 |  |  |  |  | 0.29 | -68.34 | -32.82 | 111.63 |
| 0.128 | | 1.35 | | 1.46 | 0.42 | -1.76 | 0.41 | -0.19 | 0.45 | -54.20 | -25.80 | 89.90 |
| 0.268 | | 1.40 | | 1.45 | 0.68 | -2.71 | 0.68 | -0.27 | 0.41 | -57.89 | -36.79 | 66.12 |
| 0.449 | | 1.87 | | 1.66 | 0.78 | - | 0.80 | 2.75 | 0.35 | -61.62 | -49.94 | 36.14 |
| 0.604 | | 2.17 | | 1.95 | 0.87 | - | 0.88 | 7.69 | 0.31 | -64.76 | -49.51 | 48.15 |
| 0.753 | | 2.78 | | 2.36 | 0.93 | - | 0.94 | 45.46 | 0.28 | -66.57 | -59.20 | 53.82 |
| 0.902 | | 3.84 | | 3.32 | 0.94 | - | 0.96 | 63.25 | 0.24 | -62.64 | -54.34 | 81.95 |
| 1.000 | | 4.78 | | 4.78 |  |  |  |  | 0.42 | -39.15 | -10.86 | 89.87 |
| ***14-2-14 + TTAB*** | | | | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.13 | | 0.13 |  |  |  |  | 0.12 | -88.49 | -33.06 | 186.21 |
| 0.128 | | 0.14 | | 0.15 | 0.63 | -3.71 | 0.79 | -3.29 | 0.72 | -45.54 | -22.23 | 78.63 |
| 0.268 | | 0.17 | | 0.18 | 0.71 | -4.07 | 0.91 | -3.66 | 0.60 | -54.74 | -41.87 | 43.21 |
| 0.449 | | 0.17 | | 0.22 | 0.79 | -5.14 | 0.95 | -3.46 | 0.45 | -64.95 | -42.81 | 74.25 |
| 0.604 | | 0.21 | | 0.30 | 0.84 | -5.76 | 0.97 | -3.07 | 0.30 | -75.53 | -46.83 | 69.15 |
| 0.753 | | 0.26 | | 0.45 | 0.93 | -4.76 | 0.98 | -4.54 | 0.26 | -77.59 | -45.54 | 107.09 |
| 0.902 | | 0.44 | | 0.87 | 0.95 | -5.89 | 0.99 | -6.85 | 0.22 | -81.69 | -47.67 | 114.21 |
| 1.000 | | 3.62 | | 3.62 |  |  |  |  | 0.26 | -41.19 | -7.69 | 112.11 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.15 | | 0.15 |  |  |  |  | 0.15 | -88.23 | -34.43 | 174.66 |
| 0.128 | | 0.16 | | 0.17 | 0.70 | -3.21 | 0.79 | -1.40 | 0.69 | -47.79 | -24.56 | 75.55 |
| 0.268 | | 0.20 | | 0.21 | 0.87 | -3.93 | 0.91 | -0.99 | 0.56 | -56.07 | -46.62 | 30.12 |
| 0.449 | | 0.24 | | 0.25 | 0.88 | -4.76 | 0.95 | -1.96 | 0.45 | -65.34 | -45.78 | 63.62 |
| 0.604 | | 0.30 | | 0.33 | 0.95 | -5.57 | 0.97 | -4.89 | 0.36 | -72.32 | -47.51 | 80.34 |
| 0.753 | | 0.57 | | 0.50 | - | - | - | - | 0.31 | -75.85 | -46.85 | 94.86 |
| 0.902 | | 0.84 | | 0.96 | - | - | - | - | 0.25 | -80.59 | -49.60 | 100.95 |
| 1.000 | | 4.11 | | 4.11 |  |  |  |  | 0.28 | -41.95 | -8.15 | 110.12 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.19 | | 0.19 |  |  |  |  | 0.18 | -87.64 | -35.84 | 163.62 |
| 0.128 | | 0.19 | | 0.21 | 0.65 | -3.81 | 0.79 | -2.38 | 0.69 | -48.56 | -26.14 | 70.14 |
| 0.268 | | 0.21 | | 0.25 | 0.82 | -4.74 | 0.91 | -1.29 | 0.58 | -56.43 | -48.55 | 25.10 |
| 0.449 | | 0.24 | | 0.29 | 0.93 | -5.38 | 0.95 | -1.63 | 0.44 | -66.84 | -46.14 | 65.21 |
| 0.604 | | 0.47 | | 0.38 | 0.98 | - | 0.97 | 66.81 | 0.40 | -70.72 | -48.82 | 69.35 |
| 0.753 | | 0.69 | | 0.56 | 0.99 | - | 0.98 | 1290 | 0.39 | -71.00 | -46.36 | 78.28 |
| 0.902 | | 1.25 | | 1.06 | - | - | - | - | 0.29 | -79.18 | -51.20 | 88.64 |
| 1.000 | | 4.33 | | 4.33 |  |  |  |  | 0.28 | -42.87 | -8.65 | 107.15 |
| ***5.0% Gly*** | | | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.22 | | 0.22 |  |  |  |  | 0.52 | -60.23 | -22.35 | 123.25 |
| 0.128 | | 0.22 | | 0.24 | 0.68 | -3.07 | 0.82 | -2.45 | 0.72 | -44.45 | -26.16 | 61.25 |
| 0.268 | | 0.21 | | 0.25 | 0.77 | -4.19 | 0.93 | -2.79 | 0.54 | -57.36 | -31.21 | 88.14 |
| 0.449 | | 0.25 | | 0.29 | 0.78 | -4.70 | 0.96 | -4.02 | 0.38 | -68.56 | -41.63 | 90.80 |
| 0.604 | | 0.23 | | 0.35 | 0.89 | -5.70 | 0.98 | -3.59 | 0.38 | -68.12 | -29.49 | 129.21 |
| 0.753 | | 0.32 | | 0.45 | 0.88 | -5.40 | 0.99 | -4.27 | 0.33 | -72.41 | -43.28 | 98.14 |
| 0.902 | | 0.57 | | 0.89 | 0.88 | -4.47 | 0.99 | -3.34 | 0.33 | -66.32 | -34.25 | 111.47 |
| 1.000 | | 4.06 | | 4.06 |  |  |  |  | 0.22 | -41.90 | -10.71 | 105.44 |
| ***308.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.23 | | 0.23 |  |  |  |  | 0.55 | -60.65 | -23.11 | 118.17 |
| 0.128 | | 0.24 | | 0.26 | 0.76 | -2.31 | 0.82 | -0.91 | 0.68 | -46.82 | -29.39 | 56.23 |
| 0.268 | | 0.25 | | 0.26 | 0.80 | -3.29 | 0.93 | -1.80 | 0.49 | -61.25 | -35.14 | 85.10 |
| 0.449 | | 0.26 | | 0.30 | 0.85 | -4.99 | 0.96 | -2.35 | 0.46 | -64.02 | -41.10 | 74.14 |
| 0.604 | | 0.30 | | 0.37 | 0.98 | -4.78 | 0.98 | -2.81 | 0.45 | -64.92 | -29.51 | 115.58 |
| 0.753 | | 0.61 | | 0.48 | - | - | - | - | 0.33 | -72.91 | -46.16 | 87.62 |
| 0.902 | | 1.08 | | 0.93 | - | - | - | - | 0.35 | -64.65 | -36.41 | 91.67 |
| 1.000 | | 4.27 | | 4.27 |  |  |  |  | 0.29 | -41.50 | -11.02 | 99.76 |
| ***318.15 K*** | | | | | | | | | | | | |
| 0.000 | | 0.25 | | 0.25 |  |  |  |  | 0.57 | -60.13 | -24.09 | 113.13 |
| 0.128 | | 0.26 | | 0.28 | 0.76 | -2.26 | 0.82 | -1.14 | 0.68 | -47.46 | -31.02 | 51.60 |
| 0.268 | | 0.28 | | 0.29 | 0.90 | -2.85 | 0.93 | -1.65 | 0.64 | -52.88 | -31.87 | 66.23 |
| 0.449 | | 0.30 | | 0.33 | 0.93 | -3.72 | 0.96 | -3.33 | 0.64 | -53.62 | -36.22 | 55.80 |
| 0.604 | | 0.58 | | 0.41 | 0.98 | - | 0.98 | 171 | 0.70 | -50.66 | -24.10 | 83.36 |
| 0.753 | | 0.70 | | 0.53 | 0.99 | - | 0.99 | 1170 | 0.70 | -50.58 | -33.61 | 53.14 |
| 0.902 | | 1.91 | | 1.04 | - | - | - | - | 0.67 | -55.63 | -30.22 | 87.25 |
| 1.000 | | 4.78 | | 4.78 |  |  |  |  | 0.42 | -39.15 | -10.86 | 89.87 |

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**Table S3:** **Experimental and ideal CMC (Cm, Ci), degree of dissociation (g), mixed micellar mole fractions (X1, Xi), Excess free energy (gM, E), interaction parameter (β), Standard Gibbs free energy, enthalpy and entropy (ΔGom, ΔHom, ΔSom) of micellization for the mixtures of CTAB and gemini surfactants in aqueous and aqueous solvent solutions as a function of temperature using conductivity measurements at different mole fractions (α) of CTAB.**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **α** | **Cm**  **(mmol dm-3)** | **Ci**  **(mmol dm-3)** | **X1** | **gM, E**  **(kJ mol-1)** | **Xi** | **β** | **g** | **ΔGom**  **(kJ mol-1)** | **ΔHom**  **(kJ mol-1)** | **ΔSom**  **(J mol-1 K-1)** |
| ***Water*** | | | | | | | | | | |
| ***10-2-10 + CTAB*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 6.33 | 6.33 |  |  |  |  | 0.15 | -60.35 | -6.35 | 181.14 |
| 0.128 | 3.01 | 3.61 | 0.50 | - | 0.50 | -0.68 | 0.45 | -47.34 | -14.65 | 113.62 |
| 0.268 | 2.44 | 2.71 | 0.65 | - | 0.66 | -1.28 | 0.48 | -49.65 | -11.24 | 124.68 |
| 0.449 | 1.43 | 1.99 | 0.70 | - | 0.80 | -1.48 | 0.53 | -50.47 | -18.76 | 111.34 |
| 0.604 | 1.12 | 1.61 | 0.74 | - | 0.87 | -1.79 | 0.52 | -53.31 | -20.63 | 108.62 |
| 0.753 | 0.91 | 1.28 | 0.79 | -1.95 | 0.93 | -2.79 | 0.49 | -54.37 | -25.37 | 99.86 |
| 0.902 | 0.80 | 0.98 | 0.87 |  | 0.98 | -4.28 | 0.34 | -56.42 | -30.68 | 101.37 |
| 1.000 | 0.90 (0.97)d | 0.90 |  |  |  |  | 0.24 | -68.45 | -17.72 | 170.19 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 6.47 | 6.47 |  |  |  |  | 0.19 | -60.71 | -6.63 | 175.54 |
| 0.128 | 3.64 | 3.76 | 0.50 | - | 0.50 | -0.92 | 0.54 | -47.27 | -14.75 | 98.25 |
| 0.268 | 2.78 | 2.85 | 0.64 | - | 0.66 | -0.50 | 0.50 | -50.61 | -9.28 | 131.62 |
| 0.449 | 2.06 | 2.13 | 0.77 | - | 0.80 | -0.53 | 0.51 | -52.33 | -21.54 | 94.15 |
| 0.604 | 1.61 | 1.75 | 0.77 | - | 0.87 | -1.35 | 0.54 | -53.92 | -20.31 | 100.46 |
| 0.753 | 1.28 | 1.42 | 0.82 | - | 0.93 | -2.34 | 0.47 | -56.49 | -28.97 | 85.32 |
| 0.902 | 1.07 | 1.13 | 0.92 | - | 0.98 | -1.39 | 0.41 | -60.22 | -33.02 | 99.58 |
| 1.000 | 1.05 (1.11)d | 1.05 |  |  |  |  | 0.26 | -68.57 | -18.61 | 162.42 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 6.75 | 6.75 |  |  |  |  | 0.19 | -62.06 | -7.03 | 173.47 |
| 0.128 | 3.76 | 3.92 | 0.50 | - | 0.50 | -0.17 | 0.64 | -43.59 | -15.07 | 89.16 |
| 0.268 | 2.88 | 2.97 | 0.66 | - | 0.66 | -0.17 | 0.55 | -49.30 | -9.64 | 125.25 |
| 0.449 | 2.03 | 2.22 | 0.76 | - | 0.80 | -0.69 | 0.57 | -50.20 | -22.10 | 88.60 |
| 0.604 | 1.60 | 1.83 | 0.80 | - | 0.87 | -1.23 | 0.60 | -49.54 | -20.44 | 91.32 |
| 0.753 | 1.40 | 1.48 | 0.90 | - | 0.93 | -1.37 | 0.49 | -56.67 | -31.24 | 80.10 |
| 0.902 | 1.17 | 1.17 | 0.98 | - | 0.98 | -3.66 | 0.40 | -62.64 | -34.03 | 90.15 |
| 1.000 | 1.09 (1.21)e | 1.09 |  |  |  |  | 0.30 | -68.68 | -19.31 | 155.73 |
| ***12-2-12 + CTAB*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.92 | 0.92 |  |  |  |  | 0.20 | -70.76 | -28.60 | 141.46 |
| 0.128 | 0.93 | 0.92 | - | - | - | - | 0.20 | -70.33 | -15.07 | 185.25 |
| 0.268 | 0.95 | 0.94 | - | - | - | - | 0.20 | -70.54 | -22.43 | 161.02 |
| 0.449 | 0.96 | 0.95 | 0.50 | -1.63 | 0.30 | 0.03 | 0.15 | -73.24 | -29.59 | 146.16 |
| 0.604 | 0.96 | 0.96 | - | - | - | - | 0.21 | -70.39 | -31.45 | 131.60 |
| 0.753 | 0.99 | 0.98 | - | - | - | - | 0.19 | -71.48 | -33.39 | 128.30 |
| 0.902 | 1.00 | 0.99 | - | - | - | - | 0.26 | -67.51 | -31.29 | 121.45 |
| 1.000 | 0.90 | 0.90 |  |  |  |  | 0.24 | -68.45 | -17.72 | 170.19 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 1.09 | 1.09 |  |  |  |  | 0.24 | -69.59 | -29.53 | 130.61 |
| 0.128 | 1.09 | 1.09 | - | - | - | - | 0.21 | -71.82 | -16.02 | 181.25 |
| 0.268 | 1.09 | 1.09 | - | - | - | - | 0.21 | -71.66 | -23.75 | 155.91 |
| 0.449 | 1.09 | 1.08 | - | - | - | - | 0.18 | -73.22 | -30.91 | 137.82 |
| 0.604 | 1.08 | 1.08 | - | - | - | - | 0.21 | -71.61 | -33.49 | 124.30 |
| 0.753 | 1.08 | 1.08 | - | - | - | - | 0.20 | -72.22 | -35.32 | 120.15 |
| 0.902 | 1.08 | 1.08 | - | - | - | - | 0.30 | -66.74 | -32.36 | 111.41 |
| 1.000 | 1.05 | 1.05 |  |  |  |  | 0.26 | -68.57 | -18.61 | 162.42 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 1.24 | 1.24 |  |  |  |  | 0.28 | -69.06 | -30.62 | 121.49 |
| 0.128 | 1.25 | 1.22 | - | - | - | - | 0.22 | -72.91 | -16.91 | 176.23 |
| 0.268 | 1.34 | 1.21 | 0.17 | - | 0.33 | 1.31 | 0.22 | -72.23 | -25.04 | 148.51 |
| 0.449 | 1.32 | 1.19 | 0.41 | - | 0.50 | 1.08 | 0.19 | -74.13 | -32.84 | 130.87 |
| 0.604 | 1.30 | 1.17 | 0.62 | - | 0.67 | 1.48 | 0.25 | -70.62 | -34.70 | 113.16 |
| 0.753 | 1.25 | 1.15 | 0.75 | - | 0.77 | 2.19 | 0.19 | -73.85 | -38.00 | 113.34 |
| 0.902 | 1.21 | 1.13 | 0.91 | - | 0.91 | 8.13 | 0.34 | -65.26 | -33.31 | 100.24 |
| 1.000 | 1.09 | 1.09 |  |  |  |  | 0.30 | -68.68 | -19.31 | 155.73 |
| ***14-2-14 + CTAB*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  |  |  |  | 0.24 | -82.46 | -36.21 | 148.25 |
| 0.128 | 0.15 | 0.16 | 0.62 | -1.86 | 0.67 | -1.00 | 0.41 | -62.23 | -39.41 | 77.89 |
| 0.268 | 0.16 | 0.17 | 0.73 | -1.59 | 0.80 | -1.19 | 0.37 | -66.21 | -40.74 | 97.41 |
| 0.449 | 0.17 | 0.20 | 0.75 | -1.42 | 0.86 | -1.98 | 0.33 | -70.56 | -44.61 | 84.56 |
| 0.604 | 0.18 | 0.25 | 0.82 | -1.94 | 0.92 | -1.78 | 0.28 | -74.24 | -48.67 | 79.25 |
| 0.753 | 0.25 | 0.30 | 0.91 | -2.08 | 0.96 | -2.58 | 0.22 | -79.42 | -38.31 | 132.62 |
| 0.902 | 0.32 | 0.40 | 0.93 | -2.93 | 0.98 | -2.87 | 0.21 | -80.33 | -35.79 | 147.95 |
| 1.000 | 0.90 | 0.90 |  |  |  |  | 0.24 | -68.45 | -17.72 | 170.19 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.17 | 0.17 |  |  |  |  | 0.26 | -80.64 | -37.45 | 141.36 |
| 0.128 | 0.18 | 0.18 | 0.65 | -2.97 | 0.66 | -0.44 | 0.43 | -70.69 | -40.33 | 104.85 |
| 0.268 | 0.19 | 0.19 | 0.75 | -2.12 | 0.80 | -0.67 | 0.40 | -66.95 | -44.84 | 101.23 |
| 0.449 | 0.20 | 0.23 | 0.82 | -2.43 | 0.87 | -0.65 | 0.35 | -71.46 | -52.67 | 78.94 |
| 0.604 | 0.26 | 0.28 | 0.85 | -1.98 | 0.92 | -1.46 | 0.32 | -74.25 | -51.98 | 74.85 |
| 0.753 | 0.31 | 0.34 | 0.95 | -1.52 | 0.96 | -1.67 | 0.27 | -78.19 | -45.85 | 128.74 |
| 0.902 | 0.42 | 0.46 | 0.97 | -1.84 | 0.98 | -1.35 | 0.25 | -81.62 | -39.26 | 142.68 |
| 1.000 | 1.05 | 1.05 |  |  |  |  | 0.26 | -68.57 | -18.61 | 162.42 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.20 | 0.20 |  |  |  |  | 0.27 | -78.94 | -40.15 | 131.08 |
| 0.128 | 0.22 | 0.21 | 0.65 | - | 0.66 | 0.66 | 0.46 | -64.54 | -42.61 | 66.52 |
| 0.268 | 0.24 | 0.23 | 0.79 | - | 0.80 | 1.39 | 0.43 | -67.58 | -45.58 | 77.49 |
| 0.449 | 0.30 | 0.27 | 0.87 | - | 0.87 | 4.05 | 0.37 | -70.46 | -51.62 | 65.15 |
| 0.604 | 0.34 | 0.32 | 0.92 | - | 0.92 | 19.30 | 0.34 | -73.92 | -55.14 | 62.99 |
| 0.753 | 0.40 | 0.38 | 0.97 | - | 0.96 | 49.29 | 0.29 | -77.18 | -41.37 | 122.48 |
| 0.902 | 0.53 | 0.50 | 0.99 | - | 0.98 | 79.68 | 0.28 | -81.42 | -37.46 | 133.54 |
| 1.000 | 1.09 | 1.09 |  |  |  |  | 0.30 | -68.68 | -19.31 | 155.73 |
| ***10-2-10 + CTAB*** | | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 4.53 | 4.53 |  |  |  |  | 0.27 | -57.33 | -22.88 | 115.34 |
| 0.128 | 1.86 | 2.49 | 0.54 | - | 0.55 | -1.29 | 0.74 | -38.76 | -26.81 | 40.62 |
| 0.268 | 1.28 | 1.69 | 0.68 | - | 0.77 | -1.55 | 0.74 | -40.16 | -23.61 | 55.15 |
| 0.449 | 1.00 | 1.32 | 0.74 | - | 0.87 | -1.80 | 0.67 | -44.86 | -26.83 | 60.92 |
| 0.604 | 0.82 | 1.10 | 0.78 | - | 0.93 | -2.52 | 0.55 | -52.28 | -31.20 | 70.31 |
| 0.753 | 0.78 | 0.98 | 0.83 | - | 0.96 | -3.10 | 0.54 | -53.11 | -28.73 | 82.42 |
| 0.902 | 0.74 | 0.90 | 0.87 | -2.98 | 0.98 | -4.24 | 0.50 | -55.58 | -36.59 | 65.16 |
| 1.000 | 0.84 | 0.84 |  |  |  |  | 0.33 | -47.75 | -15.09 | 109.23 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 5.05 | 5.05 |  |  |  |  | 0.26 | -59.20 | -24.72 | 112.52 |
| 0.128 | 2.48 | 2.76 | 0.55 | - | 0.55 | -0.53 | 0.72 | -40.20 | -29.56 | 34.62 |
| 0.268 | 1.65 | 1.86 | 0.72 | - | 0.77 | -0.70 | 0.71 | -42.08 | -26.18 | 52.15 |
| 0.449 | 1.23 | 1.44 | 0.79 | - | 0.87 | -1.45 | 0.65 | -46.58 | -29.35 | 56.82 |
| 0.604 | 1.04 | 1.19 | 0.84 | - | 0.93 | -1.44 | 0.58 | -51.26 | -32.31 | 61.31 |
| 0.753 | 0.85 | 1.06 | 0.83 | -2.55 | 0.96 | -2.64 | 0.57 | -52.53 | -29.60 | 74.40 |
| 0.902 | 0.83 | 0.96 | 0.89 | -1.44 | 0.98 | -3.87 | 0.55 | -54.04 | -36.85 | 56.68 |
| 1.000 | 0.90 | 0.90 |  |  |  |  | 0.43 | -48.36 | -16.00 | 105.43 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 5.83 | 5.83 |  |  |  |  | 0.26 | -60.04 | -26.29 | 106.08 |
| 0.128 | 3.00 | 3.20 | 0.55 | - | 0.55 | -0.32 | 0.64 | -44.63 | -34.54 | 32.60 |
| 0.268 | 1.95 | 2.16 | 0.73 | - | 0.77 | -0.76 | 0.55 | -51.26 | -33.47 | 56.32 |
| 0.449 | 1.55 | 1.68 | 0.82 | - | 0.87 | -0.83 | 0.57 | -51.52 | -34.52 | 54.91 |
| 0.604 | 1.28 | 1.40 | 0.87 | - | 0.93 | -1.50 | 0.60 | -50.60 | -33.57 | 53.42 |
| 0.753 | 1.17 | 1.25 | 0.91 | - | 0.96 | -1.21 | 0.60 | -51.34 | -30.75 | 65.80 |
| 0.902 | 1.21 | 1.13 | 0.99 | - | 0.98 | 561.3 | 0.60 | -51.04 | -37.20 | 43.42 |
| 1.000 | 1.07 | 1.07 |  |  |  |  | 0.42 | -48.27 | -16.58 | 100.64 |
| ***5.0% PrOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 5.73 | 5.73 |  |  |  |  | 0.28 | -55.30 | -16.82 | 129.26 |
| 0.128 | 2.60 | 3.03 | 0.54 | - | 0.55 | -0.64 | 0.70 | -39.22 | -9.23 | 100.66 |
| 0.268 | 1.63 | 1.97 | 0.70 | - | 0.77 | -1.09 | 0.76 | -38.43 | -14.94 | 79.15 |
| 0.449 | 1.12 | 1.48 | 0.75 | - | 0.87 | -2.14 | 0.59 | -48.86 | -29.68 | 64.28 |
| 0.604 | 0.85 | 1.19 | 0.77 | - | 0.93 | -2.80 | 0.67 | -45.79 | -34.15 | 39.64 |
| 0.753 | 0.76 | 1.03 | 0.80 | -1.52 | 0.96 | -3.17 | 0.62 | -48.80 | -35.86 | 43.47 |
| 0.902 | 0.73 | 0.92 | 0.85 | -1.00 | 0.98 | -3.73 | 0.54 | -53.37 | -35.78 | 59.95 |
| 1.000 | 0.85 | 0.85 |  |  |  |  | 0.51 | -40.93 | -14.19 | 90.25 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 6.59 | 6.59 |  |  |  |  | 0.34 | -53.79 | -17.17 | 119.64 |
| 0.128 | 3.36 | 3.47 | 0.55 | - | 0.55 | -0.16 | 0.64 | -42.71 | -10.67 | 104.16 |
| 0.268 | 2.08 | 2.24 | 0.74 | - | 0.77 | -0.56 | 0.72 | -40.71 | -16.75 | 78.31 |
| 0.449 | 1.32 | 1.67 | 0.76 | - | 0.87 | -2.04 | 0.65 | -46.27 | -29.50 | 54.24 |
| 0.604 | 1.08 | 1.33 | 0.81 | - | 0.93 | -1.80 | 0.67 | -46.06 | -36.28 | 32.47 |
| 0.753 | 0.87 | 1.16 | 0.81 | -1.50 | 0.96 | -3.15 | 0.67 | -47.07 | -36.19 | 35.94 |
| 0.902 | 0.86 | 1.02 | 0.86 | -1.05 | 0.98 | -4.08 | 0.67 | -46.94 | -33.00 | 45.62 |
| 1.000 | 0.94 | 0.94 |  |  |  |  | 0.61 | -38.97 | -14.09 | 72.35 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 6.91 | 6.91 |  |  |  |  | 0.34 | -55.16 | -18.27 | 116.94 |
| 0.128 | 3.04 | 3.70 | 0.54 | - | 0.55 | -0.83 | 0.78 | -37.19 | -9.49 | 87.90 |
| 0.268 | 2.14 | 2.44 | 0.72 | - | 0.77 | -0.82 | 0.76 | -38.43 | -14.94 | 79.14 |
| 0.449 | 1.74 | 1.85 | 0.83 | - | 0.87 | -0.65 | 0.75 | -41.18 | -27.83 | 42.61 |
| 0.604 | 1.48 | 1.50 | 0.92 | - | 0.93 | -1.10 | 0.71 | -44.18 | -37.01 | 22.24 |
| 0.753 | 1.32 | 1.32 | 0.96 | - | 0.96 | -0.78 | 0.72 | -44.02 | -36.31 | 24.81 |
| 0.902 | 1.21 | 1.18 | 0.99 | - | 0.98 | 176.21 | 0.67 | -46.84 | -35.08 | 37.34 |
| 1.000 | 1.10 | 1.10 |  |  |  |  | 0.72 | -36.75 | -13.92 | 72.66 |
| ***12-2-12 + CTAB*** | | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.83 | 0.83 |  |  |  |  | 0.29 | -66.34 | -21.46 | 150.63 |
| 0.128 | 0.76 | 0.82 | 0.22 | -2.84 | 0.15 | -0.78 | 0.24 | -70.19 | -39.46 | 103.46 |
| 0.268 | 0.76 | 0.83 | 0.39 | -4.12 | 0.35 | -0.62 | 0.24 | -70.25 | -50.20 | 67.15 |
| 0.449 | 0.82 | 0.83 | - | - | - | - | 0.26 | -68.37 | -33.22 | 118.85 |
| 0.604 | 0.79 | 0.83 | 0.59 | -2.94 | 0.61 | -0.70 | 0.23 | -70.61 | -47.08 | 79.62 |
| 0.753 | 0.73 | 0.84 | 0.76 | -3.11 | 0.80 | -0.57 | 0.22 | -70.93 | -50.03 | 70.17 |
| 0.902 | 0.75 | 0.84 | 0.76 | -3.24 | 0.80 | -0.54 | 0.21 | -69.58 | -42.32 | 87.99 |
| 1.000 | 0.84 | 0.84 |  |  |  |  | 0.33 | -47.75 | -15.09 | 109.23 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.93 | 0.93 |  |  |  |  | 0.31 | -66.77 | -22.54 | 143.22 |
| 0.128 | 0.91 | 0.92 | - | - | - | - | 0.32 | -66.86 | -41.33 | 83.61 |
| 0.268 | 0.91 | 0.92 | - | - | - | - | 0.32 | -66.57 | -50.13 | 53.42 |
| 0.449 | 0.91 | 0.91 | - | - | - | - | 0.27 | -69.25 | -35.11 | 111.31 |
| 0.604 | 0.90 | 0.91 | 0.61 | -2.41 | 0.51 | -0.02 | 0.25 | -70.40 | -49.58 | 68.71 |
| 0.753 | 0.91 | 0.91 | - | - | - | - | 0.27 | -69.53 | -51.55 | 58.52 |
| 0.902 | 0.88 | 0.90 | - | - | - | - | 0.27 | -66.54 | -50.42 | 88.68 |
| 1.000 | 0.90 | 0.90 |  |  |  |  | 0.43 | -48.36 | -16.00 | 105.43 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 1.06 | 1.06 |  |  |  |  | 0.33 | -67.20 | -23.71 | 136.08 |
| 0.128 | 1.28 | 1.06 | 0.02 | - | 0.15 | 2.26 | 0.34 | -65.87 | -43.15 | 71.92 |
| 0.268 | 1.29 | 1.06 | 0.25 | - | 0.35 | 0.91 | 0.34 | -65.65 | -52.58 | 41.16 |
| 0.449 | 1.19 | 1.06 | 0.45 | - | 0.50 | 0.69 | 0.29 | -68.86 | -36.90 | 100.90 |
| 0.604 | 1.18 | 1.06 | 0.57 | - | 0.61 | 0.97 | 0.26 | -70.48 | -52.49 | 56.40 |
| 0.753 | 1.25 | 1.06 | 0.77 | - | 0.80 | 4.57 | 0.27 | -69.15 | -54.63 | 46.12 |
| 0.902 | 1.23 | 1.06 | 0.77 | - | 0.80 | 3.25 | 0.27 | -68.45 | -44.64 | 72.58 |
| 1.000 | 1.07 | 1.07 |  |  |  |  | 0.42 | -48.27 | -16.58 | 100.64 |
| ***5.0% PrOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.84 | 0.84 |  |  |  |  | 0.26 | -68.11 | -16.68 | 167.36 |
| 0.128 | 0.70 | 0.85 | 0.23 | -2.17 | 0.15 | -0.92 | 0.30 | -66.97 | -46.61 | 68.60 |
| 0.268 | 0.71 | 0.84 | 0.39 | -3.03 | 0.35 | -0.62 | 0.28 | -67.96 | -47.19 | 70.42 |
| 0.449 | 0.73 | 0.84 | 0.50 | -2.76 | 0.50 | -0.30 | 0.32 | -65.07 | -33.43 | 106.31 |
| 0.604 | 0.78 | 0.84 | 0.59 | -2.04 | 0.61 | -0.67 | 0.33 | -65.39 | -41.28 | 81.52 |
| 0.753 | 0.74 | 0.84 | 0.73 | -1.94 | 0.80 | -0.96 | 0.25 | -70.04 | -49.63 | 68.48 |
| 0.902 | 0.74 | 0.85 | 0.73 | -0.86 | 0.81 | -0.74 | 0.25 | -62.31 | -39.48 | 84.44 |
| 1.000 | 0.85 | 0.85 |  |  |  |  | 0.51 | -40.93 | -14.19 | 90.25 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.90 | 0.90 |  |  |  |  | 0.26 | -69.92 | -17.81 | 164.12 |
| 0.128 | 0.88 | 0.91 | - | - | - | - | 0.35 | -64.82 | -47.46 | 56.60 |
| 0.268 | 0.89 | 0.91 | 0.36 | -2.29 | 0.35 | -0.06 | 0.33 | -65.77 | -48.12 | 57.12 |
| 0.449 | 0.89 | 0.91 | 0.50 | -2.65 | 0.50 | -0.03 | 0.36 | -64.13 | -34.12 | 96.82 |
| 0.604 | 0.91 | 0.92 | 0.61 | -3.19 | 0.61 | -0.16 | 0.36 | -64.38 | -42.78 | 70.16 |
| 0.753 | 0.91 | 0.92 | 0.80 | -3.26 | 0.80 | -0.11 | 0.30 | -67.85 | -50.75 | 55.34 |
| 0.902 | 0.90 | 0.93 | 0.80 | -1.94 | 0.80 | -0.12 | 0.31 | -43.25 | -21.25 | 84.97 |
| 1.000 | 0.94 | 0.94 |  |  |  |  | 0.61 | -38.97 | -14.09 | 72.35 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 1.10 | 1.10 |  |  |  |  | 0.37 | -64.61 | -17.29 | 149.62 |
| 0.128 | 1.22 | 1.09 | - | - | - | - | 0.39 | -62.93 | -49.03 | 44.16 |
| 0.268 | 1.21 | 1.09 | 0.27 | - | 0.35 | 0.75 | 0.36 | -64.43 | -50.06 | 45.94 |
| 0.449 | 1.17 | 1.09 | 0.48 | - | 0.50 | 0.34 | 0.38 | -63.58 | -36.10 | 86.18 |
| 0.604 | 1.15 | 1.10 | 0.59 | - | 0.61 | 0.62 | 0.37 | -64.16 | -45.14 | 60.47 |
| 0.753 | 1.24 | 1.10 | 0.79 | - | 0.80 | 2.85 | 0.30 | -67.27 | -53.40 | 43.31 |
| 0.902 | 1.25 | 1.10 | 0.79 | - | 0.81 | 1.23 | 0.31 | -46.52 | -22.21 | 54.20 |
| 1.000 | 1.10 | 1.10 |  |  |  |  | 0.72 | -36.75 | -13.92 | 72.66 |
| ***14-2-14 + CTAB*** | | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.11 | 0.11 |  |  |  |  | 0.21 | -83.81 | -39.42 | 149.25 |
| 0.128 | 0.09 | 0.11 | 0.59 | -1.33 | 0.61 | -1.87 | 0.53 | -59.41 | -52.56 | 33.45 |
| 0.268 | 0.10 | 0.13 | 0.69 | -2.12 | 0.75 | -1.97 | 0.45 | -65.78 | -51.96 | 46.15 |
| 0.449 | 0.12 | 0.16 | 0.75 | -2.64 | 0.83 | -1.61 | 0.44 | -67.11 | -50.08 | 57.74 |
| 0.604 | 0.16 | 0.20 | 0.78 | -2.71 | 0.90 | -2.55 | 0.41 | -70.47 | -54.22 | 54.62 |
| 0.753 | 0.18 | 0.25 | 0.83 | -3.05 | 0.96 | -3.16 | 0.36 | -74.37 | -55.40 | 64.31 |
| 0.902 | 0.22 | 0.35 | 0.84 | -2.86 | 0.98 | -4.10 | 0.35 | -75.68 | -61.47 | 48.50 |
| 1.000 | 0.84 | 0.84 |  |  |  |  | 0.33 | -47.75 | -15.09 | 109.23 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.14 | 0.14 |  |  |  |  | 0.24 | -82.99 | -41.10 | 136.62 |
| 0.128 | 0.14 | 0.15 | 0.65 | -1.93 | 0.66 | -0.92 | 0.49 | -62.07 | -58.34 | 32.95 |
| 0.268 | 0.15 | 0.16 | 0.75 | -1.61 | 0.80 | -0.98 | 0.48 | -64.30 | -53.74 | 34.16 |
| 0.449 | 0.17 | 0.19 | 0.82 | -1.09 | 0.87 | -1.07 | 0.47 | -65.60 | -51.64 | 45.92 |
| 0.604 | 0.20 | 0.23 | 0.85 | -1.84 | 0.92 | -1.65 | 0.37 | -73.08 | -59.71 | 43.15 |
| 0.753 | 0.24 | 0.29 | 0.95 | -2.00 | 0.96 | -2.96 | 0.41 | -71.46 | -56.74 | 48.46 |
| 0.902 | 0.32 | 0.39 | 0.97 | -1.92 | 0.98 | -6.33 | 0.44 | -69.71 | -60.59 | 29.44 |
| 1.000 | 0.90 | 0.90 |  |  |  |  | 0.43 | -48.36 | -16.00 | 105.43 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.16 | 0.16 |  |  |  |  | 0.31 | -80.02 | -41.47 | 121.15 |
| 0.128 | 0.19 | 0.17 | 0.65 | - | 0.66 | 0.30 | 0.43 | -66.05 | -66.29 | 31.25 |
| 0.268 | 0.20 | 0.19 | 0.79 | - | 0.80 | 0.75 | 0.43 | -67.85 | -60.33 | 24.46 |
| 0.449 | 0.23 | 0.23 | 0.87 | - | 0.87 | 4.01 | 0.43 | -68.86 | -54.15 | 46.95 |
| 0.604 | 0.30 | 0.28 | 0.92 | - | 0.92 | 5.00 | 0.42 | -70.69 | -61.20 | 30.15 |
| 0.753 | 0.35 | 0.34 | 0.97 | - | 0.96 | 35.33 | 0.35 | -76.00 | -63.59 | 39.84 |
| 0.902 | 0.49 | 0.46 | 0.99 | - | 0.98 | 579.16 | 0.43 | -70.81 | -64.91 | 18.76 |
| 1.000 | 1.07 | 1.07 |  |  |  |  | 0.42 | -48.27 | -16.58 | 100.64 |
| ***5.0% PrOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.14 | 0.14 |  |  |  |  | 0.57 | -59.09 | -23.83 | 114.42 |
| 0.128 | 0.15 | 0.15 | 0.54 | - | 0.56 | -1.72 | 0.59 | -54.49 | -34.71 | 66.36 |
| 0.268 | 0.14 | 0.16 | 0.67 | - | 0.80 | -2.54 | 0.54 | -60.10 | -60.15 | 40.21 |
| 0.449 | 0.16 | 0.18 | 0.74 | - | 0.88 | -2.03 | 0.43 | -67.00 | -63.55 | 32.14 |
| 0.604 | 0.17 | 0.22 | 0.82 | - | 0.94 | -2.07 | 0.49 | -64.14 | -47.48 | 56.45 |
| 0.753 | 0.18 | 0.28 | 0.85 | - | 0.97 | -2.38 | 0.43 | -68.24 | -45.59 | 76.78 |
| 0.902 | 0.30 | 0.44 | 0.82 | - | 0.64 | -1.53 | 0.42 | -57.25 | -34.21 | 94.95 |
| 1.000 | 0.85 | 0.85 |  |  |  |  | 0.51 | -40.93 | -14.19 | 90.25 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  |  |  |  | 0.62 | -57.69 | -24.13 | 105.30 |
| 0.128 | 0.14 | 0.16 | 0.55 | - | 0.58 | -1.51 | 0.62 | -54.33 | -36.06 | 59.62 |
| 0.268 | 0.15 | 0.17 | 0.76 | - | 0.81 | -0.75 | 0.54 | -58.09 | -61.91 | 32.30 |
| 0.449 | 0.18 | 0.19 | 0.81 | - | 0.88 | -1.22 | 0.48 | -64.99 | -64.67 | 41.14 |
| 0.604 | 0.21 | 0.24 | 0.92 | - | 0.95 | -1.19 | 0.56 | -60.47 | -46.88 | 44.70 |
| 0.753 | 0.27 | 0.30 | 0.91 | - | 0.98 | -2.02 | 0.54 | -63.16 | -44.00 | 62.18 |
| 0.902 | 0.33 | 0.48 | 0.90 | - | 0.97 | -1.02 | 0.52 | -60.32 | -32.10 | 84.94 |
| 1.000 | 0.94 | 0.94 |  |  |  |  | 0.61 | -38.97 | -14.09 | 72.35 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.19 | 0.19 |  |  |  |  | 0.60 | -60.04 | -26.40 | 106.41 |
| 0.128 | 0.17 | 0.20 | 0.57 | -2.76 | 0.58 | -0.52 | 0.63 | -53.00 | -37.64 | 48.15 |
| 0.268 | 0.18 | 0.21 | 0.78 | -1.68 | 0.81 | -4.54 | 0.56 | -58.36 | -66.82 | 36.85 |
| 0.449 | 0.35 | 0.27 | 0.85 | - | 0.88 | 14.66 | 0.51 | -62.36 | -63.24 | 43.46 |
| 0.604 | 0.39 | 0.29 | 0.94 | - | 0.95 | 63.06 | 0.61 | -57.02 | -47.39 | 30.91 |
| 0.753 | 0.43 | 0.36 | 0.98 | - | 0.98 | 387.74 | 0.53 | -63.23 | -47.19 | 50.23 |
| 0.902 | 0.60 | 0.57 | 0.98 | - | 0.98 | - | 0.52 | -60.12 | -34.45 | 74.11 |
| 1.000 | 1.10 | 1.10 |  |  |  |  | 0.72 | -36.75 | -13.92 | 72.66 |
| ***10-2-10 + CTAB*** | | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 5.43 | 5.43 |  |  |  |  | 0.42 | -49.27 | -7.54 | 140.45 |
| 0.128 | 2.43 | 2.85 | 0.54 | - | 0.55 | -0.65 | 0.64 | -42.55 | -11.83 | 103.65 |
| 0.268 | 1.26 | 1.84 | 0.66 | - | 0.77 | -1.98 | 0.74 | -40.32 | -23.38 | 57.45 |
| 0.449 | 0.93 | 1.37 | 0.72 | - | 0.87 | -2.58 | 0.76 | -40.03 | -17.33 | 76.22 |
| 0.604 | 0.68 | 1.09 | 0.74 | - | 0.93 | -3.69 | 0.63 | -48.71 | -31.46 | 58.16 |
| 0.753 | 0.64 | 0.94 | 0.78 | -1.92 | 0.96 | -3.82 | 0.65 | -47.79 | -28.58 | 64.82 |
| 0.902 | 0.59 | 0.83 | 0.82 | -1.24 | 0.98 | -5.14 | 0.64 | -49.03 | -26.95 | 74.17 |
| 1.000 | 0.77 | 0.77 |  |  |  |  | 0.58 | -39.47 | -10.49 | 97.98 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 5.57 | 5.57 |  |  |  |  | 0.44 | -49.76 | -7.89 | 136.67 |
| 0.128 | 2.73 | 2.97 | 0.55 | - | 0.55 | -0.39 | 0.71 | -40.22 | -12.63 | 90.61 |
| 0.268 | 1.63 | 1.94 | 0.70 | - | 0.77 | -1.30 | 0.72 | -41.73 | -25.63 | 52.25 |
| 0.449 | 1.24 | 1.47 | 0.78 | - | 0.87 | -0.92 | 0.75 | -41.14 | -18.91 | 72.16 |
| 0.604 | 1.05 | 1.18 | 0.85 | - | 0.93 | -1.57 | 0.71 | -43.77 | -30.39 | 43.94 |
| 0.753 | 0.84 | 1.04 | 0.84 | - | 0.96 | -3.12 | 0.69 | -46.10 | -29.20 | 55.25 |
| 0.902 | 0.76 | 0.92 | 0.87 | -1.16 | 0.98 | -4.46 | 0.69 | -46.71 | -27.14 | 64.16 |
| 1.000 | 0.86 | 0.86 |  |  |  |  | 0.61 | -39.53 | -10.97 | 93.45 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 5.97 | 5.97 |  |  |  |  | 0.43 | -51.60 | -8.51 | 135.62 |
| 0.128 | 2.93 | 3.18 | 0.55 | - | 0.55 | -0.40 | 0.72 | -40.39 | -13.47 | 85.61 |
| 0.268 | 1.91 | 2.09 | 0.73 | - | 0.77 | -0.53 | 0.73 | -41.81 | -26.92 | 47.14 |
| 0.449 | 1.28 | 1.58 | 0.77 | - | 0.87 | -0.77 | 0.79 | -40.11 | -19.09 | 66.55 |
| 0.604 | 1.11 | 1.28 | 0.84 | - | 0.93 | -1.69 | 0.75 | -42.82 | -30.85 | 38.47 |
| 0.753 | 1.01 | 1.12 | 0.89 | - | 0.96 | -2.40 | 0.74 | -43.86 | -29.16 | 46.18 |
| 0.902 | 0.90 | 1.00 | 0.91 | -1.24 | 0.98 | -3.51 | 0.63 | -50.31 | -14.53 | 112.94 |
| 1.000 | 0.93 | 0.93 |  |  |  |  | 0.73 | -39.68 | -11.46 | 89.62 |
| ***5.0% BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 4.03 | 4.03 |  |  |  |  | 0.48 | -47.93 | -13.11 | 117.36 |
| 0.128 | 1.97 | 2.28 | 0.54 | - | 0.55 | -0.60 | 0.63 | -44.33 | -11.28 | 111.14 |
| 0.268 | 1.36 | 1.60 | 0.71 | - | 0.77 | -0.99 | 0.73 | -40.34 | -13.63 | 90.62 |
| 0.449 | 1.08 | 1.28 | 0.78 | - | 0.87 | -1.26 | 0.74 | -40.56 | -16.04 | 82.17 |
| 0.604 | 1.03 | 1.09 | 0.89 | - | 0.93 | -2.08 | 0.74 | -41.00 | -16.82 | 81.82 |
| 0.753 | 0.96 | 0.99 | 0.94 | - | 0.96 | -2.58 | 0.75 | -40.67 | -9.50 | 104.60 |
| 0.902 | 0.89 | 0.91 | 0.96 | - | 0.98 | -4.62 | 0.76 | -40.31 | -10.02 | 102.13 |
| 1.000 | 0.87 | 0.87 |  |  |  |  | 0.78 | -33.50 | -13.37 | 67.14 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 4.20 | 4.20 |  |  |  |  | 0.49 | -48.82 | -13.86 | 117.62 |
| 0.128 | 2.15 | 2.39 | 0.55 | - | 0.55 | -0.51 | 0.65 | -44.20 | -11.72 | 105.63 |
| 0.268 | 1.48 | 1.67 | 0.72 | - | 0.77 | -0.75 | 0.73 | -41.69 | -14.68 | 88.12 |
| 0.449 | 1.24 | 1.34 | 0.82 | - | 0.87 | -0.74 | 0.74 | -41.78 | -17.29 | 79.10 |
| 0.604 | 0.97 | 1.15 | 0.83 | - | 0.93 | -1.95 | 0.75 | -42.08 | -17.74 | 79.14 |
| 0.753 | 0.86 | 1.04 | 0.84 | -1.22 | 0.96 | -2.40 | 0.79 | -40.34 | -9.64 | 99.47 |
| 0.902 | 0.80 | 0.96 | 0.87 | -0.79 | 0.98 | -3.88 | 0.75 | -42.76 | -10.89 | 103.95 |
| 1.000 | 0.92 | 0.92 |  |  |  |  | 0.75 | -35.20 | -14.59 | 67.44 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 4.80 | 4.80 |  |  |  |  | 0.50 | -49.30 | -14.66 | 109.41 |
| 0.128 | 1.96 | 2.79 | 0.54 | - | 0.55 | -1.57 | 0.73 | -41.85 | -11.35 | 96.23 |
| 0.268 | 1.73 | 2.01 | 0.71 | - | 0.77 | -0.82 | 0.74 | -41.80 | -15.42 | 83.14 |
| 0.449 | 1.44 | 1.64 | 0.73 | - | 0.87 | -1.51 | 0.74 | -42.58 | -18.45 | 76.54 |
| 0.604 | 1.39 | 1.42 | 0.81 | - | 0.93 | -1.19 | 0.76 | -41.14 | -18.52 | 71.18 |
| 0.753 | 1.14 | 1.31 | 0.87 | - | 0.96 | -2.29 | 0.83 | -38.23 | -9.68 | 90.91 |
| 0.902 | 1.07 | 1.22 | 0.90 | -1.35 | 0.98 | -4.27 | 0.80 | -40.41 | -10.91 | 93.43 |
| 1.000 | 1.17 | 1.17 |  |  |  |  | 0.77 | -35.12 | -15.37 | 62.47 |
| ***12-2-12 + CTAB*** | | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.59 | 0.59 |  |  |  |  | 0.37 | -63.84 | -24.26 | 133.25 |
| 0.128 | 0.40 | 0.62 | 0.30 | -1.66 | 0.15 | -2.11 | 0.42 | -61.60 | -37.18 | 82.14 |
| 0.268 | 0.41 | 0.62 | 0.43 | -1.72 | 0.35 | -1.99 | 0.37 | -65.89 | -40.60 | 85.62 |
| 0.449 | 0.47 | 0.66 | 0.51 | -1.71 | 0.50 | -1.69 | 0.33 | -67.91 | -38.04 | 100.18 |
| 0.604 | 0.46 | 0.68 | 0.57 | -2.04 | 0.61 | -1.44 | 0.29 | -70.24 | -43.83 | 88.94 |
| 0.753 | 0.44 | 0.70 | 0.68 | -2.31 | 0.80 | -2.27 | 0.28 | -71.37 | -48.41 | 77.66 |
| 0.902 | 0.52 | 0.74 | 0.68 | -1.02 | 0.80 | -1.88 | 0.27 | -67.45 | -35.85 | 100.17 |
| 1.000 | 0.77 | 0.77 |  |  |  |  | 0.58 | -39.47 | -10.49 | 97.98 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.68 | 0.68 |  |  |  |  | 0.44 | -61.11 | -24.31 | 119.08 |
| 0.128 | 0.51 | 0.73 | 0.26 | -1.75 | 0.15 | -1.37 | 0.45 | -60.81 | -38.95 | 71.25 |
| 0.268 | 0.52 | 0.71 | 0.42 | -1.99 | 0.35 | -1.60 | 0.41 | -64.10 | -41.55 | 73.14 |
| 0.449 | 0.50 | 0.75 | 0.50 | -1.24 | 0.50 | -1.09 | 0.35 | -67.73 | -40.04 | 90.84 |
| 0.604 | 0.58 | 0.77 | 0.57 | -2.09 | 0.61 | -1.74 | 0.35 | -68.52 | -44.46 | 78.66 |
| 0.753 | 0.55 | 0.79 | 0.70 | -2.91 | 0.80 | -1.82 | 0.33 | -69.59 | -49.77 | 64.91 |
| 0.902 | 0.66 | 0.83 | 0.71 | -2.72 | 0.80 | -1.23 | 0.33 | -65.23 | -32.11 | 85.12 |
| 1.000 | 0.86 | 0.86 |  |  |  |  | 0.61 | -39.53 | -10.97 | 93.45 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.79 | 0.79 |  |  |  |  | 0.53 | -56.87 | -23.66 | 104.62 |
| 0.128 | 0.75 | 0.81 | 0.21 | -1.77 | 0.13 | -0.66 | 0.44 | -62.51 | -40.66 | 69.21 |
| 0.268 | 0.71 | 0.81 | 0.40 | -1.84 | 0.32 | -0.86 | 0.42 | -64.17 | -44.02 | 63.46 |
| 0.449 | 0.77 | 0.84 | 0.50 | -1.98 | 0.46 | -0.78 | 0.41 | -65.11 | -40.44 | 77.84 |
| 0.604 | 0.71 | 0.86 | 0.60 | -2.06 | 0.57 | -0.47 | 0.32 | -69.50 | -48.30 | 67.94 |
| 0.753 | 0.72 | 0.88 | 0.75 | -2.29 | 0.78 | -0.97 | 0.29 | -71.65 | -54.34 | 54.75 |
| 0.902 | 0.82 | 0.90 | 0.75 | -2.43 | 0.78 | -0.23 | 0.23 | -65.23 | -41.21 | 55.61 |
| 1.000 | 0.93 | 0.93 |  |  |  |  | 0.73 | -39.68 | -11.46 | 89.62 |
| ***5.0% BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.52 | 0.52 |  |  |  |  | 0.53 | -55.76 | -41.74 | 47.26 |
| 0.128 | 0.54 | 0.81 | 0.30 | -1.77 | 0.12 | -0.33 | 0.47 | -59.00 | -46.92 | 40.15 |
| 0.268 | 0.46 | 0.74 | 0.43 | -1.71 | 0.30 | -2.07 | 0.42 | -62.70 | -60.57 | 37.14 |
| 0.449 | 0.48 | 0.69 | 0.51 | -1.29 | 0.44 | -1.44 | 0.38 | -64.57 | -59.80 | 36.24 |
| 0.604 | 0.46 | 0.65 | 0.57 | -1.84 | 0.55 | -1.53 | 0.33 | -67.90 | -63.57 | 44.47 |
| 0.753 | 0.43 | 0.58 | 0.68 | -1.92 | 0.76 | -1.85 | 0.32 | -68.58 | -68.03 | 22.62 |
| 0.902 | 0.43 | 0.56 | 0.68 | -2.41 | 0.76 | -1.41 | 0.31 | -55.32 | -54.21 | 23.35 |
| 1.000 | 0.87 | 0.87 |  |  |  |  | 0.78 | -33.50 | -13.37 | 67.14 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.65 | 0.65 |  |  |  |  | 0.61 | -51.58 | -40.69 | 35.41 |
| 0.128 | 0.58 | 0.66 | 0.26 | -1.66 | 0.15 | -1.38 | 0.50 | -57.85 | -48.62 | 30.68 |
| 0.268 | 0.55 | 0.70 | 0.40 | -1.74 | 0.35 | -0.96 | 0.42 | -62.75 | -64.61 | 36.90 |
| 0.449 | 0.58 | 0.75 | 0.50 | -1.70 | 0.50 | -0.80 | 0.44 | -61.96 | -60.78 | 24.15 |
| 0.604 | 0.64 | 0.78 | 0.58 | -1.62 | 0.61 | -1.18 | 0.40 | -64.75 | -63.92 | 33.20 |
| 0.753 | 0.66 | 0.82 | 0.71 | -1.40 | 0.80 | -1.44 | 0.37 | -66.48 | -69.57 | 40.16 |
| 0.902 | 0.70 | 0.88 | 0.58 | -1.98 | 0.74 | -1.54 | 0.39 | -65.89 | -62.15 | 25.36 |
| 1.000 | 0.92 | 0.92 |  |  |  |  | 0.75 | -35.20 | -14.59 | 67.44 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.93 | 0.93 |  |  |  |  | 0.64 | -49.94 | -41.99 | 25.62 |
| 0.128 | 0.93 | 0.97 | 0.22 | -1.69 | 0.15 | -0.79 | 0.54 | -55.60 | -49.84 | 28.62 |
| 0.268 | 0.94 | 0.97 | 0.38 | -1.70 | 0.35 | -0.43 | 0.46 | -60.22 | -66.39 | 29.17 |
| 0.449 | 0.96 | 1.02 | 0.51 | -1.58 | 0.50 | -0.27 | 0.46 | -59.96 | -63.18 | 30.94 |
| 0.604 | 1.00 | 1.05 | 0.60 | -1.33 | 0.61 | -0.24 | 0.43 | -61.83 | -65.90 | 33.66 |
| 0.753 | 0.98 | 1.08 | 0.79 | -1.05 | 0.80 | -0.28 | 0.39 | -64.70 | -73.25 | 27.58 |
| 0.902 | 1.01 | 1.13 | 0.79 | -0.98 | 0.80 | -0.65 | 0.55 | -63.25 | -55.25 | 41.25 |
| 1.000 | 1.17 | 1.17 |  |  |  |  | 0.77 | -35.12 | -15.37 | 62.47 |
| ***14-2-14 + CTAB*** | | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.12 | 0.12 |  |  |  |  | 0.51 | -63.93 | -18.82 | 151.92 |
| 0.128 | 0.08 | 0.12 | 0.60 | -2.41 | 0.67 | -1.66 | 0.56 | -58.18 | -32.93 | 85.65 |
| 0.268 | 0.09 | 0.13 | 0.66 | -3.05 | 0.80 | -2.37 | 0.57 | -59.39 | -31.91 | 92.62 |
| .0.449 | 0.10 | 0.16 | 0.69 | -3.25 | 0.87 | -3.07 | 0.61 | -58.17 | -44.91 | 44.58 |
| 0.604 | 0.11 | 0.19 | 0.74 | -3.53 | 0.92 | -3.74 | 0.54 | -62.62 | -44.18 | 62.94 |
| 0.753 | 0.14 | 0.23 | 0.80 | -3.43 | 0.96 | -3.66 | 0.57 | -60.81 | -39.29 | 72.17 |
| 0.902 | 0.21 | 0.3 | 0.79 | -2.95 | 0.98 | -5.01 | 0.55 | -63.18 | -48.71 | 48.66 |
| 1.000 | 0.77 | 0.77 |  |  |  |  | 0.58 | -39.47 | -10.49 | 97.98 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.13 | 0.13 |  |  |  |  | 0.48 | -67.68 | -20.76 | 150.04 |
| 0.128 | 0.12 | 0.14 | 0.59 | -2.40 | 0.67 | -2.31 | 0.68 | -52.14 | -30.66 | 70.95 |
| 0.268 | 0.13 | 0.15 | 0.67 | -2.71 | 0.80 | -2.44 | 0.60 | -58.48 | -32.82 | 83.16 |
| 0.449 | 0.14 | 0.17 | 0.73 | -3.22 | 0.87 | -2.20 | 0.57 | -60.70 | -49.67 | 36.32 |
| 0.604 | 0.15 | 0.21 | 0.80 | -3.43 | 0.92 | -2.02 | 0.62 | -58.04 | -43.49 | 47.17 |
| 0.753 | 0.16 | 0.25 | 0.87 | -3.45 | 0.97 | -2.74 | 0.60 | -59.75 | -40.79 | 61.14 |
| 0.902 | 0.20 | 0.34 | 0.90 | -3.02 | 0.98 | -4.16 | 0.59 | -60.53 | -49.77 | 35.66 |
| 1.000 | 0.86 | 0.86 |  |  |  |  | 0.61 | -39.53 | -10.97 | 93.45 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  |  |  |  | 0.47 | -69.69 | -22.34 | 149.84 |
| 0.128 | 0.16 | 0.16 | 0.63 | -2.15 | 0.67 | -0.75 | 0.70 | -50.88 | -31.95 | 59.60 |
| 0.268 | 0.17 | 0.17 | 0.70 | -2.43 | 0.80 | -1.44 | 0.66 | -54.72 | -32.55 | 70.10 |
| 0.449 | 0.18 | 0.20 | 0.80 | -2.30 | 0.87 | -1.30 | 0.69 | -53.03 | -43.22 | 31.13 |
| 0.604 | 0.21 | 0.25 | 0.86 | -2.75 | 0.92 | -1.85 | 0.68 | -54.42 | -43.00 | 36.14 |
| 0.753 | 0.23 | 0.30 | 0.95 | -2.64 | 0.96 | -1.34 | 0.67 | -55.27 | -39.83 | 48.62 |
| 0.902 | 0.34 | 0.40 | 0.98 | -2.05 | 0.98 | -0.66 | 0.66 | -56.42 | -48.94 | 23.82 |
| 1.000 | 0.93 | 0.93 |  |  |  |  | 0.73 | -39.68 | -11.46 | 89.62 |
| ***5.0% BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.14 | 0.14 |  |  |  |  | 0.70 | -51.00 | -17.54 | 108.63 |
| 0.128 | 0.12 | 0.15 | 0.57 | -2.57 | 0.58 | -0.63 | 0.72 | -45.89 | -43.05 | 49.62 |
| 0.268 | 0.13 | 0.15 | 0.72 | -3.31 | 0.81 | -1.42 | 0.68 | -50.57 | -48.42 | 37.15 |
| 0.449 | 0.14 | 0.17 | 0.79 | -3.73 | 0.88 | -1.61 | 0.70 | -50.26 | -46.72 | 52.82 |
| 0.604 | 0.18 | 0.22 | 0.82 | -3.54 | 0.94 | -2.68 | 0.70 | -50.96 | -49.11 | 46.94 |
| 0.753 | 0.22 | 0.27 | 0.89 | -3.16 | 0.97 | -3.23 | 0.73 | -49.16 | -44.14 | 37.62 |
| 0.902 | 0.38 | 0.44 | 0.89 | -2.10 | 0.97 | -2.11 | 0.72 | -50.12 | -30.21 | 70.66 |
| 1.000 | 0.87 | 0.87 |  |  |  |  | 0.78 | -33.50 | -13.37 | 67.14 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  |  |  |  | 0.72 | -53.84 | -17.78 | 121.10 |
| 0.128 | 0.16 | 0.17 | 0.57 | - | 0.58 | 0.50 | 0.74 | -44.85 | -44.48 | 31.21 |
| 0.268 | 0.17 | 0.17 | 0.72 | - | 0.81 | 1.95 | 0.74 | -46.68 | -47.65 | 23.62 |
| 0.449 | 0.21 | 0.19 | 0.79 | - | 0.88 | 4.14 | 0.78 | -45.46 | -44.86 | 22.37 |
| 0.604 | 0.25 | 0.24 | 0.82 | - | 0.94 | 29.05 | 0.71 | -50.72 | -52.19 | 25.46 |
| 0.753 | 0.32 | 0.30 | 0.89 | - | 0.98 | 54.24 | 0.75 | -48.46 | -45.94 | 38.82 |
| 0.902 | 0.50 | 0.47 | - | - | - | - | 0.76 | -50.21 | -32.41 | 62.92 |
| 1.000 | 0.92 | 0.92 |  |  |  |  | 0.75 | -35.20 | -14.59 | 67.44 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.20 | 0.20 |  |  |  |  | 0.73 | -51.37 | -19.40 | 100.35 |
| 0.128 | 0.28 | 0.22 | 0.44 | - | 0.58 | 1.83 | 0.76 | -43.37 | -46.33 | 29.22 |
| 0.268 | 0.29 | 0.22 | 0.76 | - | 0.81 | 5.37 | 0.68 | -50.63 | -55.29 | 25.14 |
| 0.449 | 0.32 | 0.24 | 0.86 | - | 0.88 | 15.24 | 0.74 | -47.58 | -47.22 | 31.85 |
| 0.604 | 0.40 | 0.30 | 0.94 | - | 0.94 | 73.51 | 0.76 | -47.23 | -51.92 | 35.32 |
| 0.753 | 0.48 | 0.38 | 0.98 | - | 0.98 | 720.47 | 0.70 | -51.68 | -52.68 | 33.62 |
| 0.902 | 0.81 | 0.60 | - | - | - | - | 0.71 | -52.26 | -33.62 | 81.44 |
| 1.000 | 1.17 | 1.17 |  |  |  |  | 0.77 | -35.12 | -15.37 | 62.47 |
| ***10-2-10 + CTAB*** | | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 6.36 | 6.36 |  |  |  |  | 0.55 | -42.57 | -10.69 | 107.65 |
| 0.128 | 2.65 | 3.28 | 0.54 | - | 0.55 | -0.95 | 0.70 | -39.40 | -23.11 | 55.25 |
| 0.268 | 1.53 | 2.06 | 0.67 | - | 0.77 | -1.50 | 0.70 | -41.73 | -26.68 | 50.13 |
| 0.449 | 1.12 | 1.50 | 0.74 | - | 0.87 | -2.00 | 0.71 | -42.20 | -27.61 | 49.14 |
| 0.604 | 0.77 | 1.17 | 0.76 | - | 0.93 | -3.25 | 0.56 | -51.94 | -39.89 | 40.62 |
| 0.753 | 0.67 | 0.99 | 0.78 | -3.21 | 0.96 | -3.84 | 0.56 | -52.76 | -36.31 | 55.58 |
| 0.902 | 0.63 | 0.86 | 0.83 | -3.48 | 0.98 | -4.86 | 0.48 | -57.51 | -37.02 | 69.70 |
| 1.000 | 0.78 | 0.78 |  |  |  |  | 0.35 | -45.58 | -15.11 | 102.11 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 7.30 | 7.30 |  |  |  |  | 0.54 | -44.13 | -11.63 | 105.63 |
| 0.128 | 3.82 | 3.75 | 0.55 | - | 0.55 | 0.11 | 0.72 | -38.18 | -24.04 | 46.44 |
| 0.268 | 1.99 | 2.35 | 0.71 | - | 0.77 | -1.06 | 0.75 | -39.12 | -26.51 | 41.18 |
| 0.449 | 1.40 | 1.70 | 0.77 | - | 0.87 | -1.29 | 0.65 | -45.83 | -31.65 | 46.92 |
| 0.604 | 1.19 | 1.31 | 0.86 | - | 0.93 | -1.46 | 0.67 | -45.94 | -37.94 | 26.31 |
| 0.753 | 0.89 | 1.11 | 0.83 | - | 0.96 | -2.76 | 0.56 | -53.14 | -38.77 | 47.62 |
| 0.902 | 0.79 | 0.96 | 0.87 | -1.26 | 0.98 | -4.36 | 0.52 | -55.96 | -37.98 | 58.11 |
| 1.000 | 0.87 | 0.87 |  |  |  |  | 0.50 | -42.38 | -14.66 | 90.62 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 7.41 | 7.41 |  |  |  |  | 0.45 | -49.40 | -13.46 | 103.18 |
| 0.128 | 3.92 | 3.87 | 0.55 | - | 0.55 | 0.06 | 0.73 | -38.84 | -25.31 | 42.95 |
| 0.268 | 2.40 | 2.47 | 0.76 | - | 0.77 | -0.37 | 0.75 | -39.65 | -28.26 | 36.62 |
| 0.449 | 1.80 | 1.83 | 0.86 | - | 0.87 | -0.40 | 0.69 | -44.39 | -32.41 | 38.13 |
| 0.604 | 1.37 | 1.44 | 0.89 | - | 0.93 | -0.98 | 0.63 | -48.76 | -42.12 | 21.48 |
| 0.753 | 1.13 | 1.24 | 0.89 | - | 0.96 | -1.76 | 0.57 | -53.29 | -41.02 | 39.75 |
| 0.902 | 1.03 | 1.09 | 0.94 | - | 0.98 | -3.75 | 0.56 | -54.04 | -38.79 | 48.14 |
| 1.000 | 1.00 | 1.00 |  |  |  |  | 0.46 | -44.34 | -16.04 | 90.99 |
| ***5.0% tert BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 5.80 | 5.80 |  |  |  |  | 0.36 | -51.65 | -18.40 | 111.06 |
| 0.128 | 2.83 | 2.98 | 0.55 | - | 0.55 | -0.26 | 0.66 | -41.27 | -38.64 | 39.25 |
| 0.268 | 1.53 | 1.87 | 0.70 | - | 0.77 | -1.22 | 0.72 | -40.72 | -34.94 | 35.42 |
| 0.449 | 1.16 | 1.36 | 0.79 | - | 0.87 | -1.51 | 0.66 | -44.60 | -32.99 | 39.62 |
| 0.604 | 0.75 | 1.05 | 0.77 | - | 0.93 | -2.91 | 0.58 | -50.92 | -54.60 | 32.14 |
| 0.753 | 0.66 | 0.89 | 0.81 | -1.24 | 0.96 | -3.72 | 0.61 | -50.10 | -51.84 | 46.81 |
| 0.902 | 0.59 | 0.77 | 0.84 | -0.99 | 0.98 | -1.33 | 0.60 | -51.17 | -51.59 | 41.83 |
| 1.000 | 0.70 | 0.70 |  |  |  |  | 0.54 | -40.64 | -27.13 | 45.87 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 6.73 | 6.73 |  |  |  |  | 0.40 | -50.66 | -18.96 | 103.64 |
| 0.128 | 3.86 | 3.52 | 0.51 | - | 0.55 | 0.70 | 0.61 | -43.54 | -43.50 | 30.25 |
| 0.268 | 2.24 | 2.26 | 0.77 | - | 0.77 | -0.19 | 0.77 | -37.61 | -34.61 | 35.16 |
| 0.449 | 1.63 | 1.67 | 0.85 | - | 0.87 | -0.26 | 0.61 | -47.38 | -37.40 | 32.85 |
| 0.604 | 1.18 | 1.32 | 0.86 | - | 0.93 | -1.98 | 0.67 | -45.92 | -53.03 | 23.46 |
| 0.753 | 0.95 | 1.14 | 0.85 | - | 0.96 | -2.74 | 0.65 | -47.45 | -52.41 | 26.25 |
| 0.902 | 0.89 | 1.00 | 0.90 | - | 0.98 | -2.98 | 0.66 | -47.47 | -51.30 | 32.47 |
| 1.000 | 0.92 | 0.92 |  |  |  |  | 0.63 | -38.65 | -27.32 | 37.11 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 7.22 | 7.22 |  |  |  |  | 0.38 | -52.92 | -20.60 | 101.31 |
| 0.128 | 4.11 | 3.87 | 0.53 | - | 0.55 | 0.44 | 0.68 | -41.11 | -42.68 | 25.95 |
| 0.268 | 2.80 | 2.56 | 0.75 | - | 0.77 | 1.86 | 0.75 | -39.20 | -38.09 | 23.62 |
| 0.449 | 1.98 | 1.95 | 0.87 | - | 0.87 | 0.84 | 0.68 | -44.07 | -36.60 | 23.18 |
| 0.604 | 1.68 | 1.58 | 0.93 | - | 0.93 | 11.99 | 0.72 | -42.73 | -52.68 | 31.17 |
| 0.753 | 1.45 | 1.39 | 0.96 | - | 0.96 | 25.51 | 0.70 | -44.53 | -52.83 | 26.45 |
| 0.902 | 1.28 | 1.24 | 0.99 | - | 0.98 | 207.52 | 0.69 | -45.41 | -52.40 | 22.62 |
| 1.000 | 1.16 | 1.16 |  |  |  |  | 0.70 | -36.81 | -27.45 | 29.62 |
| ***12-2-12 + CTAB*** | | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.83 | 0.83 |  |  |  |  | 0.29 | -66.32 | -22.60 | 146.25 |
| 0.128 | 0.83 | 0.83 | 0.22 | -1.82 | 0.13 | -1.05 | 0.25 | -70.20 | -37.78 | 109.21 |
| 0.268 | 0.68 | 0.81 | 0.38 | -1.70 | 0.32 | -0.91 | 0.26 | -70.98 | -44.57 | 86.12 |
| 0.449 | 0.67 | 0.80 | 0.48 | -1.59 | 0.46 | -0.64 | 0.21 | -71.88 | -38.51 | 112.47 |
| 0.604 | 0.70 | 0.80 | 0.56 | -1.41 | 0.57 | -0.79 | 0.24 | -70.51 | -47.31 | 78.62 |
| 0.753 | 0.66 | 0.79 | 0.71 | -1.18 | 0.78 | -1.06 | 0.21 | -72.27 | -48.55 | 80.85 |
| 0.902 | 0.76 | 0.78 | - | - | - | - | 0.25 | -64.44 | -20.14 | 172.47 |
| 1.000 | 0.78 | 0.78 |  |  |  |  | 0.35 | -45.58 | -15.11 | 102.11 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.89 | 0.89 |  |  |  |  | 0.31 | -66.96 | -23.73 | 140.96 |
| 0.128 | 0.87 | 0.88 | - | - | - | - | 0.27 | -69.61 | -39.50 | 98.62 |
| 0.268 | 0.84 | 0.88 | 0.38 | -1.90 | 0.35 | -0.44 | 0.26 | -70.98 | -44.57 | 86.14 |
| 0.449 | 0.83 | 0.88 | 0.51 | -1.88 | 0.50 | -0.24 | 0.26 | -70.40 | -39.66 | 100.89 |
| 0.604 | 0.84 | 0.88 | 0.60 | -1.78 | 0.61 | -0.22 | 0.25 | -70.88 | -50.11 | 67.63 |
| 0.753 | 0.79 | 0.87 | 0.78 | -2.04 | 0.80 | -0.41 | 0.24 | -71.55 | -50.62 | 68.47 |
| 0.902 | 0.84 | 0.87 | 0.78 | -2.59 | 0.82 | -0.74 | 0.24 | -68.54 | -41.21 | 89.25 |
| 1.000 | 0.87 | 0.87 |  |  |  |  | 0.50 | -42.38 | -14.66 | 90.62 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 1.07 | 1.07 |  |  |  |  | 0.38 | -64.38 | -23.96 | 127.94 |
| 0.128 | 1.05 | 1.06 | - | - | - | - | 0.35 | -66.26 | -39.48 | 84.01 |
| 0.268 | 1.05 | 1.05 | - | - | - | - | 0.33 | -67.45 | -44.83 | 71.21 |
| 0.449 | 1.06 | 1.04 | 0.50 | - | 0.50 | 0.06 | 0.31 | -68.38 | -40.55 | 87.75 |
| 0.604 | 1.05 | 1.03 | 0.58 | - | 0.61 | 0.72 | 0.34 | -66.25 | -49.67 | 52.62 |
| 0.753 | 1.08 | 1.02 | 0.80 | - | 0.80 | 1.93 | 0.32 | -67.53 | -50.69 | 53.38 |
| 0.902 | 1.12 | 1.01 | 0.80 | - | 0.80 | 1.12 | 0.34 | -66.25 | -40.12 | 85.46 |
| 1.000 | 1.00 | 1.00 |  |  |  |  | 0.46 | -44.34 | -16.04 | 90.99 |
| ***5.0% tert BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.77 | 0.77 |  |  |  |  | 0.23 | -70.19 | -30.67 | 128.25 |
| 0.128 | 0.68 | 0.74 | 0.20 | -1.92 | 0.15 | -0.53 | 0.29 | -67.81 | -50.40 | 58.56 |
| 0.268 | 0.68 | 0.75 | 0.38 | -1.65 | 0.35 | -0.44 | 0.37 | -63.45 | -47.04 | 55.28 |
| 0.449 | 0.67 | 0.74 | 0.51 | -1.43 | 0.50 | -0.39 | 0.30 | -67.13 | -43.90 | 78.49 |
| 0.604 | 0.68 | 0.73 | 0.60 | -1.24 | 0.61 | -0.53 | 0.33 | -65.85 | -45.35 | 69.51 |
| 0.753 | 0.65 | 0.72 | 0.76 | -0.92 | 0.80 | -0.87 | 0.26 | -69.19 | -44.95 | 81.32 |
| 0.902 | 0.66 | 0.71 | 0.75 | -0.81 | 0.80 | -0.62 | 0.24 | -70.21 | -40.12 | 99.47 |
| 1.000 | 0.70 | 0.70 |  |  |  |  | 0.54 | -40.64 | -27.13 | 45.87 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.93 | 0.93 |  |  |  |  | 0.30 | -67.36 | -30.95 | 114.62 |
| 0.128 | 0.88 | 0.93 | 0.19 | -1.92 | 0.15 | -0.41 | 0.30 | -67.96 | -53.50 | 47.95 |
| 0.268 | 0.89 | 0.93 | 0.38 | -1.65 | 0.35 | -0.35 | 0.39 | -62.71 | -49.26 | 43.62 |
| 0.449 | 0.88 | 0.92 | 0.51 | -1.43 | 0.50 | -0.23 | 0.35 | -65.02 | -45.01 | 65.13 |
| 0.604 | 0.89 | 0.92 | 0.60 | -1.24 | 0.61 | -0.20 | 0.34 | -65.87 | -48.04 | 58.47 |
| 0.753 | 0.86 | 0.92 | 0.79 | -0.92 | 0.80 | -0.33 | 0.29 | -68.37 | -47.06 | 69.84 |
| 0.902 | 0.87 | 0.92 | 0.79 | -0.81 | 0.80 | -0.21 | 0.25 | -68.61 | -37.32 | 95.55 |
| 1.000 | 0.92 | 0.92 |  |  |  |  | 0.63 | -38.65 | -27.32 | 37.11 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 1.07 | 1.07 |  |  |  |  | 0.40 | -63.05 | -30.29 | 103.63 |
| 0.128 | 1.13 | 1.09 | - | - | - | - | 0.35 | -65.43 | -54.61 | 34.95 |
| 0.268 | 1.11 | 1.09 | - | - | - | - | 0.44 | -60.58 | -50.44 | 32.12 |
| 0.449 | 1.13 | 1.10 | 0.50 | - | 0.50 | 0.02 | 0.40 | -63.04 | -46.01 | 53.11 |
| 0.604 | 1.12 | 1.11 | 0.60 | - | 0.61 | 0.25 | 0.40 | -62.47 | -48.32 | 45.14 |
| 0.753 | 1.15 | 1.13 | 0.80 | - | 0.80 | 0.60 | 0.34 | -66.30 | -48.05 | 57.47 |
| 0.902 | 1.17 | 1.14 | 0.80 | - | 0.80 | 0.36 | 0.44 | -65.21 | -39.56 | 73.62 |
| 1.000 | 1.16 | 1.16 |  |  |  |  | 0.70 | -36.81 | -27.45 | 29.62 |
| ***14-2-14 + CTAB*** | | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.11 | 0.11 |  |  |  |  | 0.21 | -83.74 | -39.73 | 147.31 |
| 0.128 | 0.09 | 0.12 | 0.61 | -2.02 | 0.67 | -1.30 | 0.56 | -57.26 | -33.39 | 80.23 |
| 0.268 | 0.09 | 0.13 | 0.69 | -2.79 | 0.80 | -1.78 | 0.51 | -62.36 | -47.92 | 48.61 |
| 0.449 | 0.12 | 0.16 | 0.74 | -2.74 | 0.87 | -1.85 | 0.47 | -65.44 | -44.85 | 69.28 |
| 0.604 | 0.14 | 0.19 | 0.79 | -3.03 | 0.92 | -2.40 | 0.41 | -70.13 | -50.95 | 64.49 |
| 0.753 | 0.17 | 0.24 | 0.81 | -3.41 | 0.97 | -3.81 | 0.38 | -73.53 | -61.46 | 40.57 |
| 0.902 | 0.24 | 0.32 | 0.85 | -3.44 | 0.98 | -3.97 | 0.36 | -74.58 | -54.52 | 67.62 |
| 1.000 | 0.78 | 0.78 |  |  |  |  | 0.35 | -45.58 | -15.11 | 102.11 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.14 | 0.14 |  |  |  |  | 0.23 | -84.02 | -41.93 | 136.62 |
| 0.128 | 0.14 | 0.15 | 0.63 | -1.72 | 0.67 | -0.90 | 0.56 | -57.49 | -35.34 | 72.42 |
| 0.268 | 0.14 | 0.16 | 0.74 | -2.26 | 0.80 | -0.81 | 0.53 | -61.29 | -50.00 | 36.37 |
| 0.449 | 0.17 | 0.19 | 0.79 | -2.76 | 0.87 | -1.25 | 0.51 | -63.64 | -46.16 | 57.41 |
| 0.604 | 0.20 | 0.23 | 0.87 | -2.89 | 0.92 | -1.81 | 0.45 | -67.86 | -52.40 | 50.12 |
| 0.753 | 0.24 | 0.28 | 0.89 | -2.93 | 0.96 | -3.06 | 0.45 | -69.16 | -61.63 | 24.47 |
| 0.902 | 0.31 | 0.37 | 0.94 | -2.39 | 0.98 | -4.61 | 0.42 | -71.34 | -55.54 | 51.99 |
| 1.000 | 0.87 | 0.87 |  |  |  |  | 0.50 | -42.38 | -14.66 | 90.62 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.17 | 0.17 |  |  |  |  | 0.29 | -81.13 | -42.42 | 121.95 |
| 0.128 | 0.18 | 0.18 | 0.66 | - | 0.67 | 0.23 | 0.59 | -57.01 | -36.93 | 63.08 |
| 0.268 | 0.20 | 0.19 | 0.79 | - | 0.80 | 1.74 | 0.54 | -61.17 | -52.88 | 26.12 |
| 0.449 | 0.23 | 0.22 | 0.87 | - | 0.87 | 0.22 | 0.54 | -62.18 | -44.71 | 55.16 |
| 0.604 | 0.26 | 0.26 | 0.93 | - | 0.92 | 6.06 | 0.51 | -64.93 | -52.92 | 38.47 |
| 0.753 | 0.33 | 0.31 | 0.97 | - | 0.96 | 54.54 | 0.53 | -64.40 | -60.86 | 41.92 |
| 0.902 | 0.40 | 0.41 | 0.99 | - | 0.98 | 123.07 | 0.51 | -65.94 | -56.76 | 39.22 |
| 1.000 | 1.00 | 1.00 |  |  |  |  | 0.46 | -44.34 | -16.04 | 90.99 |
| ***5.0% tert BuOH*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.11 | 0.11 |  |  |  |  | 0.39 | -72.29 | -33.27 | 127.08 |
| 0.128 | 0.11 | 0.12 | 0.55 | -1.83 | 0.58 | -1.85 | 0.53 | -59.30 | -67.83 | 28.54 |
| 0.268 | 0.10 | 0.12 | 0.70 | -2.32 | 0.81 | -1.56 | 0.53 | -60.96 | -71.89 | 36.15 |
| 0.449 | 0.11 | 0.13 | 0.77 | -2.89 | 0.88 | -2.00 | 0.50 | -64.19 | -78.91 | 49.17 |
| 0.604 | 0.13 | 0.17 | 0.82 | -3.39 | 0.94 | -2.60 | 0.46 | -67.86 | -79.98 | 40.94 |
| 0.753 | 0.16 | 0.22 | 0.89 | -3.33 | 0.98 | -2.66 | 0.37 | -73.71 | -82.34 | 28.62 |
| 0.902 | 0.23 | 0.35 | 0.84 | -2.82 | 0.98 | -1.24 | 0.37 | -70.31 | -42.11 | 86.10 |
| 1.000 | 0.70 | 0.70 |  |  |  |  | 0.54 | -40.64 | -27.13 | 45.87 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.13 | 0.13 |  |  |  |  | 0.49 | -67.23 | -32.50 | 109.62 |
| 0.128 | 0.14 | 0.15 | 0.57 | -1.75 | 0.58 | -0.51 | 0.66 | -50.77 | -62.97 | 39.25 |
| 0.268 | 0.14 | 0.15 | 0.79 | -2.35 | 0.81 | -0.42 | 0.64 | -53.67 | -68.03 | 46.48 |
| 0.449 | 0.16 | 0.17 | 0.87 | -2.74 | 0.88 | -0.40 | 0.60 | -57.60 | -75.88 | 59.94 |
| 0.604 | 0.24 | 0.22 | 0.95 | -2.47 | 0.95 | 7.79 | 0.52 | -63.46 | -80.21 | 54.61 |
| 0.753 | 0.29 | 0.28 | 0.98 | -2.45 | 0.98 | 134.78 | 0.52 | -64.34 | -76.36 | 39.25 |
| 0.902 | 0.56 | 0.46 | - | - | - | - | 0.42 | -65.33 | -43.25 | 95.44 |
| 1.000 | 0.92 | 0.92 |  |  |  |  | 0.63 | -38.65 | -27.32 | 37.11 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.18 | 0.18 |  |  |  |  | 0.58 | -61.20 | -31.37 | 94.10 |
| 0.128 | 0.22 | 0.20 | - | - | - | - | 0.72 | -47.03 | -62.19 | 47.51 |
| 0.268 | 0.28 | 0.20 | 0.77 | - | 0.81 | 4.72 | 0.69 | -50.26 | -68.68 | 58.65 |
| 0.449 | 0.31 | 0.23 | 0.85 | - | 0.88 | 14.75 | 0.66 | -52.75 | -70.75 | 56.42 |
| 0.604 | 0.39 | 0.29 | 0.94 | - | 0.95 | 77.40 | 0.65 | -54.42 | -74.31 | 62.44 |
| 0.753 | 0.45 | 0.37 | 0.97 | - | 0.98 | 361.16 | 0.55 | -61.00 | -78.61 | 55.84 |
| 0.902 | 0.59 | 0.59 | - | - | - | - | 0.54 | -60.23 | -47.58 | 75.62 |
| 1.000 | 1.16 | 1.16 |  |  |  |  | 0.70 | -36.81 | -27.45 | 29.62 |
| ***10-2-10 + CTAB*** | | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 7.33 | 7.33 |  |  |  |  | 0.31 | -52.50 | -6.48 | 154.23 |
| 0.128 | 3.53 | 3.84 | 0.55 | - | 0.55 | -0.40 | 0.57 | -44.51 | -8.58 | 120.42 |
| 0.268 | 2.12 | 2.46 | 0.71 | - | 0.77 | -0.85 | 0.69 | -40.63 | -15.00 | 86.15 |
| 0.449 | 1.62 | 1.83 | 0.80 | - | 0.87 | -1.01 | 0.61 | -45.92 | -16.65 | 98.46 |
| 0.604 | 1.21 | 1.45 | 0.82 | - | 0.93 | -1.74 | 0.45 | -55.97 | -32.50 | 79.28 |
| 0.753 | 1.14 | 1.25 | 0.90 | - | 0.96 | -2.84 | 0.43 | -56.97 | -27.65 | 98.62 |
| 0.902 | 1.03 | 1.10 | 0.94 | - | 0.98 | -5.40 | 0.39 | -59.89 | -32.94 | 90.77 |
| 1.000 | 1.01 | 1.01 |  |  |  |  | 0.19 | -48.90 | -13.09 | 120.15 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 7.80 | 7.80 |  |  |  |  | 0.35 | -52.06 | -6.69 | 147.38 |
| 0.128 | 3.87 | 4.09 | 0.55 | - | 0.55 | -0.25 | 0.69 | -39.79 | -8.00 | 103.62 |
| 0.268 | 2.40 | 2.63 | 0.73 | - | 0.77 | -0.75 | 0.70 | -41.28 | -15.95 | 82.13 |
| 0.449 | 1.74 | 1.95 | 0.81 | - | 0.87 | -0.53 | 0.62 | -46.55 | -17.57 | 94.58 |
| 0.604 | 1.47 | 1.55 | 0.89 | - | 0.93 | -1.28 | 0.54 | -51.93 | -31.74 | 65.49 |
| 0.753 | 1.29 | 1.33 | 0.94 | - | 0.96 | -3.90 | 0.45 | -57.50 | -29.18 | 92.62 |
| 0.902 | 1.19 | 1.17 | 0.99 | - | 0.98 | 61.16 | 0.38 | -61.76 | -35.59 | 85.14 |
| 1.000 | 1.08 | 1.08 |  |  |  |  | 0.34 | -46.11 | -12.84 | 108.30 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 7.49 | 7.49 |  |  |  |  | 0.36 | -53.57 | -7.12 | 146.60 |
| 0.128 | 4.00 | 4.03 | - | - | - | - | 0.69 | -40.81 | -8.51 | 101.66 |
| 0.268 | 2.73 | 2.67 | 0.77 | - | 0.77 | 0.38 | 0.68 | -43.00 | -17.37 | 80.25 |
| 0.449 | 2.09 | 2.04 | 0.87 | - | 0.87 | 1.26 | 0.65 | -45.85 | -18.18 | 87.48 |
| 0.604 | 1.84 | 1.66 | 0.93 | - | 0.93 | 20.09 | 0.55 | -51.71 | -33.34 | 58.74 |
| 0.753 | 1.62 | 1.47 | 0.96 | - | 0.96 | 61.30 | 0.53 | -53.52 | -28.65 | 78.69 |
| 0.902 | 1.54 | 1.32 | 0.99 | - | 0.98 | 1492.6 | 0.46 | -57.75 | -35.20 | 71.12 |
| 1.000 | 1.23 | 1.23 |  |  |  |  | 0.35 | -46.84 | -13.63 | 104.45 |
| ***5.0% PG*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 6.79 | 6.79 |  |  |  |  | 0.24 | -56.11 | -15.23 | 137.82 |
| 0.128 | 3.75 | 3.61 | 0.54 | - | 0.55 | 0.27 | 0.61 | -42.40 | -12.00 | 102.54 |
| 0.268 | 2.09 | 2.36 | 0.72 | - | 0.77 | -0.69 | 0.66 | -42.39 | -22.42 | 67.16 |
| 0.449 | 1.57 | 1.78 | 0.80 | - | 0.87 | -1.06 | 0.60 | -45.16 | -24.25 | 66.03 |
| 0.604 | 1.19 | 1.43 | 0.80 | - | 0.93 | -1.87 | 0.45 | -55.78 | -38.99 | 56.25 |
| 0.753 | 1.15 | 1.25 | 0.90 | - | 0.96 | -1.89 | 0.46 | -55.41 | -37.24 | 61.80 |
| 0.902 | 1.08 | 1.11 | 0.96 | - | 0.98 | -3.43 | 0.34 | -62.03 | -43.07 | 63.15 |
| 1.000 | 1.03 | 1.03 |  |  |  |  | 0.29 | -46.11 | -15.17 | 104.47 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 7.26 | 7.26 |  |  |  |  | 0.23 | -58.29 | -16.47 | 136.82 |
| 0.128 | 3.87 | 3.89 | - | - | - | - | 0.69 | -39.79 | -11.67 | 91.11 |
| 0.268 | 2.32 | 2.56 | 0.73 | - | 0.77 | -0.65 | 0.70 | -41.42 | -22.88 | 60.21 |
| 0.449 | 1.86 | 1.94 | 0.84 | - | 0.87 | -0.40 | 0.62 | -46.25 | -23.65 | 73.25 |
| 0.604 | 1.59 | 1.57 | 0.93 | - | 0.93 | 1.62 | 0.48 | -54.39 | -40.38 | 45.46 |
| 0.753 | 1.47 | 1.38 | 0.96 | - | 0.96 | 37.92 | 0.45 | -56.80 | -40.37 | 53.74 |
| 0.902 | 1.37 | 1.24 | 0.99 | - | 0.98 | 962.68 | 0.38 | -60.95 | -44.72 | 53.85 |
| 1.000 | 1.15 | 1.15 |  |  |  |  | 0.34 | -45.84 | -15.75 | 98.35 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 8.00 | 8.00 |  |  |  |  | 0.21 | -60.56 | -17.86 | 134.27 |
| 0.128 | 4.50 | 4.31 | 0.54 | - | 0.55 | 0.31 | 0.69 | -40.38 | -12.43 | 88.25 |
| 0.268 | 3.00 | 2.85 | 0.76 | - | 0.77 | 1.07 | 0.72 | -40.44 | -23.66 | 53.86 |
| 0.449 | 2.21 | 2.18 | 0.87 | - | 0.87 | 0.72 | 0.66 | -45.16 | -24.25 | 66.25 |
| 0.604 | 1.97 | 1.78 | 0.93 | - | 0.93 | 20.81 | 0.49 | -54.88 | -42.95 | 37.47 |
| 0.753 | 1.87 | 1.56 | 0.96 | - | 0.96 | 111.61 | 0.46 | -56.68 | -42.57 | 44.96 |
| 0.902 | 1.79 | 1.40 | 0.99 | - | 0.98 | 2366 | 0.40 | -60.28 | -46.85 | 42.01 |
| 1.000 | 1.31 | 1.31 |  |  |  |  | 0.37 | -45.98 | -16.51 | 93.88 |
| ***12-2-12 + CTAB*** | | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.92 | 0.92 |  |  |  |  | 0.22 | -69.55 | -22.34 | 158.45 |
| 0.128 | 0.91 | 0.92 | - | - | - | - | 0.23 | -68.70 | -30.70 | 127.25 |
| 0.268 | 0.92 | 0.93 | - | - | - | - | 0.21 | -70.23 | -37.17 | 111.46 |
| 0.449 | 0.95 | 0.95 | 0.51 | -1.79 | 0.48 | -0.17 | 0.17 | -72.54 | -42.26 | 101.25 |
| 0.604 | 0.94 | 0.96 | 0.61 | -1.37 | 0.59 | -0.03 | 0.20 | -70.51 | -40.00 | 102.43 |
| 0.753 | 0.96 | 0.97 | 0.79 | -1.00 | 0.79 | -0.39 | 0.19 | -71.67 | -43.52 | 94.18 |
| 0.902 | 0.98 | 0.99 | 0.79 | -0.77 | 0.79 | -0.25 | 0.14 | -70.13 | -31.21 | 100.77 |
| 1.000 | 1.01 | 1.01 |  |  |  |  | 0.19 | -48.90 | -13.09 | 120.23 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 1.03 | 1.03 |  |  |  |  | 0.28 | -68.25 | -22.89 | 147.16 |
| 0.128 | 1.09 | 1.03 | - | - | - | - | 0.28 | -66.85 | -32.16 | 112.86 |
| 0.268 | 1.12 | 1.03 | 0.30 | - | 0.35 | 0.52 | 0.25 | -69.25 | -38.49 | 100.25 |
| 0.449 | 1.19 | 1.04 | 0.46 | - | 0.50 | 0.55 | 0.21 | -71.54 | -43.84 | 90.43 |
| 0.604 | 1.14 | 1.05 | 0.56 | - | 0.61 | 1.09 | 0.21 | -70.87 | -42.43 | 92.61 |
| 0.753 | 1.15 | 1.06 | 0.80 | - | 0.80 | 2.17 | 0.21 | -71.91 | -48.58 | 73.05 |
| 0.902 | 1.23 | 1.07 | 0.80 | - | 0.80 | 3.56 | 0.20 | -68.74 | -38.12 | 96.74 |
| 1.000 | 1.08 | 1.08 |  |  |  |  | 0.34 | -46.11 | -12.84 | 108.38 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 1.17 | 1.17 |  |  |  |  | 0.27 | -68.58 | -33.57 | 110.82 |
| 0.128 | 1.40 | 1.18 | - | - | - | - | 0.31 | -67.92 | -23.79 | 138.20 |
| 0.268 | 1.41 | 1.18 | 0.24 | - | 0.35 | 0.97 | 0.25 | -69.65 | -40.79 | 91.62 |
| 0.449 | 1.44 | 1.19 | 0.40 | - | 0.49 | 1.14 | 0.24 | -70.30 | -45.48 | 78.13 |
| 0.604 | 1.45 | 1.20 | 0.53 | - | 0.60 | 1.50 | 0.23 | -70.79 | -44.55 | 82.48 |
| 0.753 | 1.43 | 1.20 | 0.77 | - | 0.80 | 4.27 | 0.21 | -71.91 | -48.58 | 73.76 |
| 0.902 | 1.44 | 1.22 | 0.77 | - | 0.80 | 5.63 | 0.20 | -68.45 | -34.27 | 97.25 |
| 1.000 | 1.23 | 1.23 |  |  |  |  | 0.35 | -46.84 | -13.63 | 104.45 |
| ***5.0% PG*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.85 | 0.85 |  |  |  |  | 0.21 | -70.82 | -28.92 | 136.62 |
| 0.128 | 0.91 | 0.91 | - | - | - | - | 0.25 | -67.46 | -33.58 | 113.15 |
| 0.268 | 0.91 | 0.91 | - | - | - | - | 0.22 | -69.16 | -34.78 | 115.42 |
| 0.449 | 0.93 | 0.93 | - | - | - | - | 0.19 | -71.10 | -35.71 | 119.16 |
| 0.604 | 0.97 | 0.95 | 0.61 | - | 0.61 | 0.11 | 0.22 | -69.85 | -38.28 | 106.47 |
| 0.753 | 0.99 | 0.98 | 0.81 | - | 0.80 | 0.73 | 0.20 | -70.74 | -39.37 | 105.88 |
| 0.902 | 1.05 | 1.02 | 0.81 | - | 0.80 | 0.77 | 0.21 | -70.41 | -39.75 | 116.55 |
| 1.000 | 1.03 | 1.03 |  |  |  |  | 0.29 | -46.11 | -15.17 | 104.47 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 1.12 | 1.12 |  |  |  |  | 0.21 | -71.27 | -30.84 | 127.25 |
| 0.128 | 1.13 | 1.12 | - | - | - | - | 0.29 | -66.51 | -34.78 | 115.86 |
| 0.268 | 1.14 | 1.12 | 0.34 | - | 0.35 | 0.18 | 0.25 | -68.68 | -36.29 | 105.25 |
| 0.449 | 1.15 | 1.13 | - | - | - | - | 0.20 | -71.77 | -37.88 | 110.15 |
| 0.604 | 1.14 | 1.13 | 0.61 | - | 0.61 | 0.11 | 0.26 | -68.41 | -39.50 | 94.43 |
| 0.753 | 1.18 | 1.14 | 0.81 | - | 0.80 | 0.36 | 0.22 | -70.39 | -41.35 | 94.95 |
| 0.902 | 1.20 | 1.14 | 0.81 | - | 0.80 | 0.42 | 0.22 | -69.47 | -32.62 | 102.21 |
| 1.000 | 1.15 | 1.15 |  |  |  |  | 0.34 | -45.84 | -15.75 | 98.35 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 1.23 | 1.23 |  |  |  |  | 0.22 | -72.36 | -32.62 | 125.62 |
| 0.128 | 1.36 | 1.24 | - | - | - | - | 0.30 | -67.00 | -35.71 | 119.66 |
| 0.268 | 1.37 | 1.24 | 0.29 | - | 0.35 | 0.61 | 0.24 | -70.18 | -38.97 | 98.23 |
| 0.449 | 1.40 | 1.26 | 0.46 | - | 0.50 | 0.57 | 0.23 | -71.37 | -39.58 | 100.10 |
| 0.604 | 1.38 | 1.27 | 0.57 | - | 0.61 | 0.94 | 0.27 | -68.62 | -41.66 | 85.14 |
| 0.753 | 1.42 | 1.28 | 0.79 | - | 0.80 | 2.71 | 0.23 | -70.96 | -43.78 | 85.04 |
| 0.902 | 1.46 | 1.29 | 0.79 | - | 0.80 | 1.45 | 0.21 | -69.45 | -40.12 | 114.77 |
| 1.000 | 1.31 | 1.31 |  |  |  |  | 0.34 | -45.84 | -15.75 | 98.88 |
| ***14-2-14 + CTAB*** | | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  |  |  |  | 0.21 | -82.13 | -22.57 | 199.05 |
| 0.128 | 0.14 | 0.15 | 0.60 | -2.33 | 0.67 | -1.63 | 0.60 | -54.42 | -41.63 | 43.45 |
| 0.268 | 0.14 | 0.17 | 0.66 | -3.09 | 0.80 | -2.47 | 0.44 | -66.56 | -37.04 | 99.16 |
| 0.449 | 0.15 | 0.20 | 0.72 | -2.65 | 0.87 | -2.45 | 0.32 | -74.60 | -62.36 | 41.28 |
| 0.604 | 0.16 | 0.24 | 0.79 | -2.89 | 0.92 | -2.27 | 0.35 | -72.85 | -47.73 | 84.04 |
| 0.753 | 0.17 | 0.28 | 0.87 | -4.03 | 0.97 | -2.47 | 0.31 | -75.53 | -38.25 | 125.62 |
| 0.902 | 0.26 | 0.38 | 0.91 | -3.18 | 0.98 | -2.86 | 0.41 | -69.22 | -31.03 | 128.13 |
| 1.000 | 1.01 | 1.01 |  |  |  |  | 0.19 | -48.90 | -13.09 | 120.23 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.16 | 0.16 |  |  |  |  | 0.22 | -83.74 | -23.90 | 194.96 |
| 0.128 | 0.15 | 0.17 | 0.64 | -2.06 | 0.67 | -0.73 | 0.52 | -59.72 | -48.83 | 35.85 |
| 0.268 | 0.17 | 0.19 | 0.73 | -2.61 | 0.80 | -0.96 | 0.46 | -65.04 | -38.86 | 85.16 |
| 0.449 | 0.21 | 0.22 | 0.81 | -2.83 | 0.87 | -0.87 | 0.41 | -68.42 | -61.14 | 24.23 |
| 0.604 | 0.25 | 0.27 | 0.89 | -2.94 | 0.92 | -0.94 | 0.39 | -71.08 | -49.43 | 70.02 |
| 0.753 | 0.28 | 0.33 | 0.91 | -2.92 | 0.97 | -2.39 | 0.33 | -75.64 | -40.15 | 115.14 |
| 0.902 | 0.39 | 0.45 | 0.90 | -2.47 | 0.98 | -2.82 | 0.44 | -69.31 | -32.33 | 120.74 |
| 1.000 | 1.08 | 1.08 |  |  |  |  | 0.34 | -46.11 | -12.84 | 108.38 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.19 | 0.19 |  |  |  |  | 0.23 | -84.81 | -25.34 | 187.63 |
| 0.128 | 0.20 | 0.21 | 0.66 | -1.77 | 0.66 | -0.12 | 0.53 | -59.29 | -51.02 | 26.62 |
| 0.268 | 0.25 | 0.22 | 0.79 | - | 0.79 | 2.29 | 0.51 | -62.03 | -39.50 | 71.13 |
| 0.449 | 0.27 | 0.26 | 0.87 | - | 0.86 | 2.89 | 0.58 | -58.56 | -55.35 | 40.89 |
| 0.604 | 0.33 | 0.31 | 0.93 | - | 0.92 | 3.43 | 0.58 | -59.42 | -43.45 | 50.36 |
| 0.753 | 0.42 | 0.38 | 0.97 | - | 0.96 | 6.03 | 0.66 | -54.71 | -30.61 | 76.74 |
| 0.902 | 0.51 | 0.50 | 0.99 | - | 0.98 | 0.51 | 0.60 | -59.41 | -29.30 | 94.62 |
| 1.000 | 1.23 | 1.23 |  |  |  |  | 0.35 | -46.84 | -13.63 | 104.45 |
| ***5.0% PG*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.14 | 0.14 |  |  |  |  | 0.52 | -62.35 | -27.98 | 111.14 |
| 0.128 | 0.18 | 0.16 | 0.51 | - | 0.58 | 1.25 | 0.62 | -49.88 | -15.40 | 116.21 |
| 0.268 | 0.17 | 0.16 | 0.81 | - | 0.81 | 0.78 | 0.52 | -58.84 | -29.38 | 99.15 |
| 0.449 | 0.19 | 0.18 | 0.88 | - | 0.88 | 6.19 | 0.53 | -59.17 | -32.20 | 90.46 |
| 0.604 | 0.26 | 0.24 | 0.95 | - | 0.94 | 17.19 | 0.51 | -61.66 | -42.39 | 64.58 |
| 0.753 | 0.39 | 0.31 | 0.98 | - | 0.98 | 225.49 | 0.60 | -56.25 | -40.97 | 51.47 |
| 0.902 | 0.60 | 0.51 | - | - | - | - | 0.60 | -62.31 | -30.12 | 88.62 |
| 1.000 | 1.03 | 1.03 |  |  |  |  | 0.29 | -46.11 | -15.17 | 104.47 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.18 | 0.18 |  |  |  |  | 0.55 | -61.86 | -29.22 | 103.58 |
| 0.128 | 0.28 | 0.20 | 0.46 | - | 0.58 | 1.75 | 0.49 | -57.69 | -18.80 | 126.25 |
| 0.268 | 0.28 | 0.20 | 0.74 | - | 0.81 | 6.54 | 0.50 | -59.36 | -31.90 | 89.64 |
| 0.449 | 0.28 | 0.23 | 0.87 | - | 0.89 | 13.16 | 0.68 | -50.36 | -29.04 | 69.13 |
| 0.604 | 0.35 | 0.28 | 0.94 | - | 0.95 | 64.74 | 0.56 | -58.57 | -42.91 | 51.28 |
| 0.753 | 0.51 | 0.36 | 0.97 | - | 0.98 | 387.28 | 0.68 | -51.44 | -40.21 | 66.95 |
| 0.902 | 0.76 | 0.58 | - | - | - | - | 0.68 | -52.25 | -31.24 | 67.47 |
| 1.000 | 1.15 | 1.15 |  |  |  |  | 0.34 | -45.84 | -15.75 | 98.35 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.20 | 0.20 |  |  |  |  | 0.56 | -62.33 | -30.66 | 99.96 |
| 0.128 | 0.32 | 0.21 | 0.45 | - | 0.54 | 1.13 | 0.53 | -57.15 | -19.22 | 119.25 |
| 0.268 | 0.32 | 0.22 | 0.76 | - | 0.78 | 3.97 | 0.65 | -52.42 | -28.90 | 74.15 |
| 0.449 | 0.35 | 0.25 | 0.85 | - | 0.87 | 13.56 | 0.74 | -47.76 | -27.01 | 65.48 |
| 0.604 | 0.41 | 0.32 | 0.93 | - | 0.94 | 67.26 | 0.65 | -53.45 | -41.11 | 39.76 |
| 0.753 | 0.47 | 0.41 | 0.97 | - | 0.97 | 435.35 | 0.76 | -47.24 | -38.61 | 47.88 |
| 0.902 | 0.76 | 0.66 | - | - | - | - | 0.77 | -55.62 | -31.44 | 74.55 |
| 1.000 | 1.31 | 1.31 |  |  |  |  | 0.34 | -45.84 | -15.75 | 98.88 |
| ***10-2-10 + CTAB*** | | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 5.33 | 5.33 |  |  |  |  | 0.18 | -60.56 | -17.24 | 145.31 |
| 0.128 | 3.44 | 3.53 | 0.55 | - | 0.55 | -0.12 | 0.54 | -45.98 | -14.46 | 106.52 |
| 0.268 | 2.17 | 2.31 | 0.74 | - | 0.77 | -0.38 | 0.65 | -42.95 | -14.48 | 95.14 |
| 0.449 | 1.46 | 1.75 | 0.78 | - | 0.87 | -1.49 | 0.57 | -48.82 | -23.09 | 86.58 |
| 0.604 | 1.19 | 1.41 | 0.83 | - | 0.93 | -2.02 | 0.52 | -52.25 | -24.99 | 91.46 |
| 0.753 | 1.16 | 1.23 | 0.92 | - | 0.96 | -2.92 | 0.43 | -57.30 | -21.43 | 120.27 |
| 0.902 | 1.07 | 1.10 | 0.96 | - | 0.98 | -1.46 | 0.35 | -61.92 | -21.63 | 135.32 |
| 1.000 | 1.02 | 1.02 |  |  |  |  | 0.26 | -47.09 | -12.05 | 117.01 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 5.80 | 5.80 |  |  |  |  | 0.25 | -58.68 | -16.43 | 137.83 |
| 0.128 | 3.50 | 3.88 | 0.55 | - | 0.55 | -0.49 | 0.62 | -43.69 | -14.22 | 95.82 |
| 0.268 | 2.48 | 2.53 | 0.76 | - | 0.77 | -0.16 | 0.68 | -42.29 | -14.94 | 89.13 |
| 0.449 | 1.78 | 1.91 | 0.83 | - | 0.87 | -0.92 | 0.58 | -48.57 | -24.19 | 79.26 |
| 0.604 | 1.47 | 1.54 | 0.90 | - | 0.93 | -1.57 | 0.52 | -53.02 | -26.73 | 85.14 |
| 0.753 | 1.36 | 1.34 | 0.97 | - | 0.96 | 0.43 | 0.45 | -56.85 | -22.30 | 112.71 |
| 0.902 | 1.27 | 1.19 | 0.99 | - | 0.98 | 7.25 | 0.40 | -60.19 | -22.08 | 124.02 |
| 1.000 | 1.11 | 1.11 |  |  |  |  | 0.34 | -45.96 | -12.25 | 109.15 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 6.30 | 6.30 |  |  |  |  | .33 | -56.06 | -16.36 | 125.92 |
| 0.128 | 4.22 | 3.92 | 0.52 | - | 0.55 | 0.57 | 0.65 | -42.56 | -14.59 | 88.92 |
| 0.268 | 2.73 | 2.61 | 0.76 | - | 0.77 | 0.92 | 0.65 | -44.31 | -16.31 | 88.13 |
| 0.449 | 2.04 | 2.01 | 0.87 | - | 0.87 | 0.72 | 0.57 | -50.45 | -26.29 | 76.04 |
| 0.604 | 1.68 | 1.65 | 0.93 | - | 0.93 | 3.60 | 0.57 | -50.87 | -26.82 | 76.62 |
| 0.753 | 1.52 | 1.46 | 0.96 | - | 0.96 | 25.35 | 0.59 | -50.48 | -20.66 | 94.12 |
| 0.902 | 1.38 | 1.31 | 0.99 | - | 0.98 | 417.38 | 0.53 | -54.11 | -20.65 | 105.14 |
| 1.000 | 1.23 | 1.23 |  |  |  |  | 0.36 | -46.33 | -12.87 | 105.12 |
| ***5.0% Gly*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 6.79 | 6.79 |  |  |  |  | 0.24 | -55.99 | -15.19 | 137.21 |
| 0.128 | 3.12 | 3.61 | 0.55 | - | 0.56 | -0.70 | 0.64 | -41.59 | -21.20 | 68.22 |
| 0.268 | 2.09 | 2.36 | 0.72 | - | 0.78 | -0.74 | 0.69 | -41.69 | -15.60 | 84.15 |
| 0.449 | 1.53 | 1.79 | 0.79 | - | 0.87 | -1.35 | 0.62 | -45.76 | -21.80 | 80.08 |
| 0.604 | 1.18 | 1.44 | 0.82 | - | 0.93 | -2.29 | 0.52 | -52.15 | -29.71 | 75.46 |
| 0.753 | 1.12 | 1.26 | 0.88 | - | 0.96 | -2.08 | 0.43 | -57.17 | -40.83 | 55.23 |
| 0.902 | 1.08 | 1.12 | 0.96 | - | 0.98 | -3.70 | 0.49 | -54.08 | -31.95 | 74.14 |
| 1.000 | 1.04 | 1.04 |  |  |  |  | 0.26 | -46.93 | -13.34 | 112.71 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 7.26 | 7.26 |  |  |  |  | 0.23 | -58.29 | -16.47 | 136.49 |
| 0.128 | 3.56 | 3.87 | 0.55 | - | 0.55 | -0.39 | 0.71 | -38.83 | -20.74 | 59.15 |
| 0.268 | 2.32 | 2.53 | 0.73 | - | 0.77 | -0.49 | 0.69 | -41.69 | -15.60 | 84.62 |
| 0.449 | 1.76 | 1.92 | 0.82 | -1.56 | 0.87 | -0.83 | 0.64 | -45.74 | -22.83 | 74.03 |
| 0.604 | 1.50 | 1.55 | 0.90 | - | 0.93 | -1.36 | 0.52 | -52.96 | -31.89 | 68.14 |
| 0.753 | 1.24 | 1.35 | 0.91 | - | 0.96 | -2.35 | 0.45 | -57.24 | -42.66 | 47.82 |
| 0.902 | 1.37 | 1.21 | 0.99 | - | 0.98 | 1205 | 0.52 | -53.04 | -33.11 | 65.17 |
| 1.000 | 1.12 | 1.12 |  |  |  |  | 0.29 | -47.42 | -14.03 | 108.92 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 8.36 | 8.36 |  |  |  |  | 0.21 | -60.26 | -22.65 | 118.36 |
| 0.128 | 4.36 | 4.45 | 0.55 | - | 0.55 | -0.11 | 0.70 | -39.93 | -22.49 | 55.62 |
| 0.268 | 2.67 | 2.91 | 0.73 | - | 0.77 | -0.48 | 0.72 | -40.92 | -16.04 | 78.03 |
| 0.449 | 2.14 | 2.20 | 0.86 | - | 0.87 | -0.84 | 0.66 | -45.31 | -23.79 | 68.14 |
| 0.604 | 1.78 | 1.77 | 0.93 | - | 0.93 | 0.68 | 0.53 | -52.81 | -33.38 | 61.47 |
| 0.753 | 1.88 | 1.55 | 0.96 | - | 0.96 | 120.81 | 0.49 | -54.80 | -43.87 | 34.94 |
| 0.902 | 1.66 | 1.38 | 0.99 | - | 0.98 | 1789 | 0.53 | -53.54 | -35.14 | 58.52 |
| 1.000 | 1.28 | 1.28 |  |  |  |  | 0.33 | -47.22 | -14.61 | 102.12 |
| ***12-2-12 + CTAB*** | | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.91 | 0.91 |  |  |  |  | 0.23 | -69.17 | -25.11 | 148.45 |
| 0.128 | 0.84 | 0.96 | 0.08 | -1.47 | 0.15 | -0.48 | 0.25 | -67.04 | -22.42 | 149.62 |
| 0.268 | 0.87 | 0.93 | 0.37 | -2.68 | 0.35 | -0.29 | 0.22 | -70.05 | -41.19 | 97.13 |
| 0.449 | 0.91 | 0.95 | 0.50 | -2.80 | 0.50 | -0.24 | 0.21 | -70.21 | -43.07 | 91.14 |
| 0.604 | 0.91 | 0.96 | 0.61 | -2.91 | 0.61 | -0.31 | 0.21 | -70.57 | -42.82 | 93.82 |
| 0.753 | 0.93 | 0.98 | 0.78 | - | 0.80 | -0.60 | 0.18 | -72.34 | -44.65 | 93.16 |
| 0.902 | 1.09 | 1.00 | 0.74 | - | 0.84 | 0.86 | 0.14 | -78.44 | -47.58 | 88.32 |
| 1.000 | 1.02 | 1.02 |  |  |  |  | 0.26 | -47.09 | -12.05 | 117.01 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 1.01 | 1.01 |  |  |  |  | 0.27 | -68.57 | -25.97 | 138.63 |
| 0.128 | 1.07 | 1.04 | - | - | - | - | 0.26 | -68.79 | -23.83 | 146.12 |
| 0.268 | 1.07 | 1.02 | 0.35 | - | 0.34 | 0.06 | 0.23 | -70.56 | -43.51 | 88.02 |
| 0.449 | 1.09 | 1.04 | 0.49 | - | 0.48 | 0.22 | 0.25 | -69.31 | -44.71 | 80.15 |
| 0.604 | 1.10 | 1.06 | 0.60 | - | 0.59 | 0.34 | 0.25 | -69.56 | -44.35 | 82.60 |
| 0.753 | 1.09 | 1.07 | 0.80 | - | 0.79 | 1.16 | 0.21 | -71.63 | -46.54 | 81.14 |
| 0.902 | 1.12 | 1.09 | 0.80 | - | 0.74 | 1.15 | 0.21 | -71.52 | -46.84 | 87.47 |
| 1.000 | 1.11 | 1.11 |  |  |  |  | 0.34 | -45.96 | -12.25 | 109.15 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 1.19 | 1.19 |  |  |  |  | 0.33 | -66.18 | -26.27 | 125.80 |
| 0.128 | 1.56 | 1.18 | - | - | - | - | 0.26 | -69.36 | -25.32 | 138.02 |
| 0.268 | 1.38 | 1.19 | 0.24 | - | 0.35 | 0.96 | 0.23 | -70.73 | -46.20 | 77.30 |
| 0.449 | 1.42 | 1.20 | 0.41 | - | 0.50 | 1.06 | 0.26 | -69.39 | -47.37 | 69.14 |
| 0.604 | 1.43 | 1.21 | 0.54 | - | 0.61 | 1.36 | 0.24 | -70.30 | -47.45 | 72.25 |
| 0.753 | 1.43 | 1.21 | 0.78 | - | 0.80 | 3.65 | 0.21 | -72.19 | -49.60 | 71.26 |
| 0.902 | 1.39 | 1.22 | 0.74 | - | 0.82 | 3.64 | 0.22 | -72.24 | -49.84 | 72.14 |
| 1.000 | 1.23 | 1.23 |  |  |  |  | 0.36 | -46.33 | -12.87 | 105.12 |
| ***5.0% Gly*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.92 | 0.92 |  |  |  |  | 0.24 | -68.66 | -30.03 | 125.80 |
| 0.128 | 0.94 | 0.92 | 0.08 | - | 0.15 | 0.60 | 0.20 | -69.75 | -25.37 | 149.56 |
| 0.268 | 0.90 | 0.94 | 0.37 | -1.70 | 0.35 | -0.36 | 0.23 | -69.05 | -38.82 | 101.25 |
| 0.449 | 0.92 | 0.96 | 0.50 | -1.54 | 0.50 | -0.30 | 0.27 | -67.10 | -38.13 | 97.42 |
| 0.604 | 0.91 | 0.98 | 0.61 | -1.34 | 0.61 | -0.21 | 0.23 | -69.43 | -36.89 | 109.31 |
| 0.753 | 0.93 | 0.99 | 0.78 | -1.37 | 0.80 | -0.30 | 0.22 | -69.79 | -38.04 | 106.05 |
| 0.902 | 1.09 | 1.02 | 0.78 | - | 0.81 | -0.34 | 0.27 | -63.44 | -38.71 | 105.82 |
| 1.000 | 1.04 | 1.04 |  |  |  |  | 0.26 | -46.93 | -13.34 | 112.71 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 1.01 | 1.01 |  |  |  |  | 0.23 | -70.91 | -32.33 | 121.60 |
| 0.128 | 1.04 | 1.04 | - | - | - | - | 0.24 | -69.64 | -26.30 | 141.15 |
| 0.268 | 1.09 | 1.03 | 0.33 | - | 0.35 | 0.25 | 0.25 | -69.43 | -41.05 | 92.26 |
| 0.449 | 1.11 | 1.05 | 0.48 | - | 0.49 | 0.34 | 0.34 | -63.98 | -38.30 | 83.02 |
| 0.604 | 1.12 | 1.06 | 0.59 | - | 0.60 | 0.54 | 0.26 | -68.34 | -38.20 | 98.14 |
| 0.753 | 1.12 | 1.08 | 0.80 | - | 0.80 | 1.59 | 0.24 | -69.70 | -39.95 | 96.84 |
| 0.902 | 1.14 | 1.10 | 0.84 | - | 0.85 | 1.58 | 0.21 | -64.14 | -39.65 | 99.62 |
| 1.000 | 1.12 | 1.12 |  |  |  |  | 0.29 | -47.42 | -14.03 | 108.92 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 1.25 | 1.25 |  |  |  |  | 0.29 | -68.34 | -32.82 | 111.63 |
| 0.128 | 1.33 | 1.14 | - | - | - | - | 0.25 | -69.71 | -27.74 | 132.15 |
| 0.268 | 1.34 | 1.25 | 0.29 | - | 0.35 | 0.60 | 0.26 | -69.33 | -43.23 | 82.25 |
| 0.449 | 1.36 | 1.26 | 0.46 | - | 0.50 | 0.60 | 0.29 | -67.97 | -42.85 | 79.46 |
| 0.604 | 1.38 | 1.26 | 0.58 | - | 0.61 | 0.72 | 0.27 | -69.00 | -40.57 | 89.85 |
| 0.753 | 1.40 | 1.27 | 0.80 | - | 0.80 | 1.24 | 0.22 | -71.62 | -43.23 | 89.95 |
| 0.902 | 1.42 | 1.27 | 0.84 | - | 0.82 | 1.96 | 0.21 | -71.33 | -43.47 | 91.54 |
| 1.000 | 1.28 | 1.28 |  |  |  |  | 0.33 | -47.22 | -14.61 | 102.12 |
| ***14-2-14 + CTAB*** | | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.13 | 0.13 |  |  |  |  | 0.12 | -88.49 | -33.06 | 186.21 |
| 0.128 | 0.13 | 0.14 | 0.59 | -2.94 | 0.63 | -2.09 | 0.43 | -65.23 | -59.39 | 49.12 |
| 0.268 | 0.13 | 0.16 | 0.68 | -3.65 | 0.77 | -1.87 | 0.36 | -70.69 | -65.62 | 37.25 |
| 0.449 | 0.16 | 0.19 | 0.76 | -3.85 | 0.85 | -1.60 | 0.37 | -70.54 | -57.87 | 42.64 |
| 0.604 | 0.19 | 0.24 | 0.82 | -3.69 | 0.91 | -2.25 | 0.25 | -79.17 | -56.98 | 74.26 |
| 0.753 | 0.20 | 0.29 | 0.86 | -3.73 | 0.96 | -2.49 | 0.31 | -76.38 | -47.96 | 95.58 |
| 0.902 | 0.25 | 0.40 | 0.91 | -3.29 | 0.98 | -2.37 | 0.29 | -77.51 | -39.70 | 127.95 |
| 1.000 | 1.02 | 1.02 |  |  |  |  | 0.26 | -47.09 | -12.05 | 117.01 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.15 | 0.15 |  |  |  |  | 0.15 | -88.23 | -34.43 | 174.66 |
| 0.128 | 0.16 | 0.16 | 0.61 | -2.51 | 0.67 | -1.42 | 0.45 | -64.65 | -62.22 | 27.84 |
| 0.268 | 0.18 | 0.18 | 0.73 | -2.92 | 0.80 | -1.26 | 0.41 | -67.95 | -66.91 | 33.62 |
| 0.449 | 0.21 | 0.22 | 0.83 | -3.22 | 0.87 | -0.77 | 0.39 | -69.68 | -60.55 | 30.35 |
| 0.604 | 0.26 | 0.27 | 0.90 | -3.04 | 0.92 | -1.09 | 0.32 | -75.06 | -57.17 | 58.69 |
| 0.753 | 0.28 | 0.34 | 0.95 | -2.98 | 0.96 | -2.59 | 0.34 | -75.18 | -49.86 | 82.74 |
| 0.902 | 0.34 | 0.46 | 0.97 | -2.65 | 0.98 | -4.31 | 0.45 | -68.61 | -36.95 | 103.20 |
| 1.000 | 1.11 | 1.11 |  |  |  |  | 0.34 | -45.96 | -12.25 | 109.15 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.19 | 0.19 |  |  |  |  | 0.18 | -87.64 | -35.84 | 163.62 |
| 0.128 | 0.20 | 0.20 | - | - | - | - | 0.41 | -66.54 | -64.95 | 25.62 |
| 0.268 | 0.23 | 0.22 | 0.77 | - | 0.80 | 3.37 | 0.37 | -69.93 | -73.87 | 32.02 |
| 0.449 | 0.29 | 0.26 | 0.85 | - | 0.87 | 8.86 | 0.43 | -67.28 | -58.48 | 28.15 |
| 0.604 | 0.38 | 0.32 | 0.92 | - | 0.92 | 19.84 | 0.39 | -71.53 | -57.73 | 43.40 |
| 0.753 | 0.45 | 0.39 | 0.97 | - | 0.96 | 70.05 | 0.38 | -72.97 | -51.04 | 69.35 |
| 0.902 | 0.52 | 0.53 | 0.99 | - | 0.98 | 238.27 | 0.48 | -67.44 | -38.17 | 92.14 |
| 1.000 | 1.23 | 1.23 |  |  |  |  | 0.36 | -46.33 | -12.87 | 105.12 |
| ***5.0% Gly*** | | | | | | | | | | |
| ***298.15 K*** | | | | | | | | | | |
| 0.000 | 0.22 | 0.22 |  |  |  |  | 0.52 | -60.23 | -22.35 | 123.25 |
| 0.128 | 0.21 | 0.22 | 0.55 | -2.27 | 0.58 | -1.59 | 0.41 | -64.17 | -44.65 | 65.45 |
| 0.268 | 0.22 | 0.23 | 0.80 | -2.57 | 0.81 | -0.47 | 0.39 | -65.75 | -38.92 | 78.16 |
| 0.449 | 0.29 | 0.26 | 0.88 | - | 0.88 | 7.70 | 0.45 | -62.11 | -30.32 | 106.25 |
| 0.604 | 0.34 | 0.31 | 0.95 | - | 0.95 | 52.27 | 0.39 | -66.76 | -35.16 | 106.48 |
| 0.753 | 0.46 | 0.37 | 0.98 | - | 0.97 | 75.56 | 0.23 | -77.92 | -47.86 | 101.79 |
| 0.902 | 0.78 | 0.56 | - | - | - | - | 0.23 | -74.21 | -34.65 | 114.66 |
| 1.000 | 1.04 | 1.04 |  |  |  |  | 0.26 | -46.93 | -13.34 | 112.71 |
| ***308.15 K*** | | | | | | | | | | |
| 0.000 | 0.23 | 0.23 |  |  |  |  | 0.55 | -60.65 | -23.11 | 118.17 |
| 0.128 | 0.22 | 0.25 | 0.56 | -2.18 | 0.58 | -1.11 | 0.44 | -63.17 | -46.18 | 55.45 |
| 0.268 | 0.29 | 0.24 | 0.81 | - | 0.81 | 0.74 | 0.46 | -62.77 | -38.78 | 78.48 |
| 0.449 | 0.35 | 0.27 | 0.88 | - | 0.88 | 10.34 | 0.57 | -56.60 | -28.79 | 90.65 |
| 0.604 | 0.47 | 0.33 | 0.94 | - | 0.95 | 42.20 | 0.49 | -62.25 | -34.06 | 91.21 |
| 0.753 | 0.68 | 0.39 | 0.98 | - | 0.98 | 439.64 | 0.32 | -73.60 | -47.22 | 84.03 |
| 0.902 | 0.86 | 0.60 | - | - | - | - | 0.32 | -72.32 | -31.47 | 108.12 |
| 1.000 | 1.12 | 1.12 |  |  |  |  | 0.29 | -47.42 | -14.03 | 108.92 |
| ***318.15 K*** | | | | | | | | | | |
| 0.000 | 0.25 | 0.25 |  |  |  |  | 0.57 | -60.13 | -24.09 | 113.13 |
| 0.128 | 0.26 | 0.27 | 0.59 | -2.20 | 0.58 | -0.17 | 0.46 | -62.36 | -48.58 | 43.14 |
| 0.268 | 0.40 | 0.27 | 0.76 | - | 0.81 | 5.70 | 0.53 | -59.04 | -38.83 | 63.15 |
| 0.449 | 0.45 | 0.30 | 0.85 | - | 0.88 | 16.47 | 0.58 | -56.38 | -28.49 | 88.02 |
| 0.604 | 0.51 | 0.36 | 0.93 | - | 0.94 | 86.76 | 0.52 | -60.52 | -35.25 | 79.13 |
| 0.753 | 0.58 | 0.44 | 0.97 | - | 0.97 | 446.35 | 0.32 | -73.60 | -50.31 | 73.92 |
| 0.902 | 0.97 | 0.68 | - | - | - | - | 0.33 | -68.45 | -42.12 | 101.90 |
| 1.000 | 1.28 | 1.28 |  |  |  |  | 0.33 | -47.22 | -14.61 | 102.12 |

d Dubey, 2013; e Modaressi et al., 2007

**Table S4: Experimental and ideal CMC (C´m, C´i), mixed micellar mole fractions (X´1, Xγ1, X´i), interaction parameters (β´, βγ) for the mixtures of monomeric and gemini surfactant systems in aqueous and aqueous solvent solutions at 298.15 K using surface tension measurements at different mole fractions of monomeric surfactant (α).**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **α** | **C´m**  **(mmol dm-3)** | **C´i**  **(mmol dm-3)** | **X´1** | **Xγ1** | **X´i** | **β´** | **βγ** |
| ***Water*** | | | | | | | |
| ***10-2-10 + TTAB*** | | | | | | | |
| 0.000 | 5.86 | 5.86 |  |  |  |  |  |
| 0.156 | 4.25 | 5.35 | 0.32 | 0.28 | 0.23 | -1.21 | -0.74 |
| 0.356 | 4.08 | 4.91 | 0.46 | 0.44 | 0.43 | -0.85 | -0.56 |
| 0.480 | 3.77 | 4.53 | 0.58 | 0.57 | 0.60 | -0.80 | -0.65 |
| 0.625 | 3.35 | 4.26 | 0.66 | 0.67 | 0.73 | -1.22 | -0.67 |
| 0.787 | 3.25 | 4.00 | 0.75 | 0.76 | 0.85 | -1.34 | -1.28 |
| 0.903 | 3.18 | 3.80 | 0.83 | 0.83 | 0.94 | -2.00 | -2.22 |
| 1.000 | 3.67 | 3.67 |  |  |  |  |  |
| ***10-2-10 + CTAB*** | | | | | | | |
| 0.000 | 5.86 | 5.86 |  |  |  |  |  |
| 0.156 | 1.89 | 3.08 | 0.53 | 0.52 | 0.55 | -2.00 | -2.59 |
| 0.356 | 1.42 | 2.04 | 0.66 | 0.64 | 0.76 | -1.86 | -2.20 |
| 0.480 | 1.19 | 1.53 | 0.75 | 0.69 | 0.86 | -1.74 | -2.94 |
| 0.625 | 0.96 | 1.27 | 0.78 | 0.75 | 0.92 | -2.22 | -2.74 |
| 0.787 | 0.87 | 1.06 | 0.84 | 0.79 | 0.96 | -2.41 | -3.27 |
| 0.903 | 0.70 | 0.94 | 0.83 | 0.82 | 0.98 | -4.21 | -5.10 |
| 1.000 | 0.87 | 0.87 |  |  |  |  |  |
| ***12-2-12 + TTAB*** | | | | | | | |
| 0.000 | 0.80 | 0.80 |  |  |  |  |  |
| 0.156 | 0.65 | 0.88 | 0.92 | 0.85 | 0.97 | -2.71 | -3.23 |
| 0.356 | 0.70 | 0.99 | 0.88 | 0.76 | 0.93 | -1.24 | -3.72 |
| 0.480 | 0.81 | 1.14 | 0.84 | 0.70 | 0.88 | -1.20 | -3.22 |
| 0.625 | 0.91 | 1.36 | 0.74 | 0.67 | 0.80 | -0.60 | -2.50 |
| 0.787 | 1.26 | 1.71 | 0.63 | 0.60 | 0.68 | -0.96 | -1.62 |
| 0.903 | 1.39 | 2.36 | 0.38 | 0.48 | 0.45 | -0.79 | -2.07 |
| 1.000 | 3.67 | 3.67 |  |  |  |  |  |
| ***12-2-12 + CTAB*** | | | | | | | |
| 0.000 | 0.80 | 0.80 |  |  |  |  |  |
| 0.156 | 0.65 | 0.81 | 0.79 | 0.73 | 0.89 | -0.92 | -2.15 |
| 0.356 | 0.67 | 0.82 | 0.69 | 0.65 | 0.76 | -1.02 | -1.65 |
| 0.480 | 0.64 | 0.83 | 0.56 | 0.53 | 0.59 | -1.08 | -1.72 |
| 0.625 | 0.63 | 0.84 | 0.48 | 0.45 | 0.45 | -0.74 | -1.24 |
| 0.787 | 0.68 | 0.85 | 0.36 | 0.32 | 0.28 | -0.82 | -0.89 |
| 0.903 | 0.71 | 0.86 | 0.24 | 0.19 | 0.14 | -0.57 | -0.83 |
| 1.000 | 0.87 | 0.87 |  |  |  |  |  |
| ***14-2-14 + TTAB*** | | | | | | | |
| 0.000 | 0.15 | 0.15 |  |  |  |  |  |
| 0.156 | 0.09 | 0.17 | 0.87 | 0.77 | 0.99 | -4.72 | -8.50 |
| 0.356 | 0.11 | 0.19 | 0.87 | 0.75 | 0.99 | -3.36 | -6.65 |
| 0.480 | 0.11 | 0.22 | 0.87 | 0.75 | 0.98 | -3.00 | -6.32 |
| 0.625 | 0.12 | 0.29 | 0.79 | 0.70 | 0.96 | -2.96 | -5.79 |
| 0.787 | 0.22 | 0.43 | 0.72 | 0.70 | 0.92 | -3.38 | -4.06 |
| 0.903 | 0.36 | 0.77 | 0.69 | 0.62 | 0.82 | -2.22 | -4.34 |
| 1.000 | 3.67 | 3.67 |  |  |  |  |  |
| ***14-2-14 + CTAB*** | | | | | | | |
| 0.000 | 0.15 | 0.15 |  |  |  |  |  |
| 0.156 | 0.14 | 0.16 | 0.88 | 0.83 | 0.98 | -2.94 | -3.57 |
| 0.356 | 0.16 | 0.18 | 0.88 | 0.80 | 0.95 | -2.44 | -2.95 |
| 0.480 | 0.15 | 0.21 | 0.76 | 0.76 | 0.91 | -2.55 | -2.41 |
| 0.625 | 0.16 | 0.26 | 0.69 | 0.69 | 0.85 | -2.59 | -2.62 |
| 0.787 | 0.24 | 0.35 | 0.63 | 0.62 | 0.72 | -1.73 | -2.08 |
| 0.903 | 0.30 | 0.49 | 0.52 | 0.51 | 0.53 | -2.02 | -2.69 |
| 1.000 | 0.87 | 0.87 |  |  |  |  |  |
| ***10-2-10 + DTAB*** | | | | | | | |
| ***2.5% PrOH*** | | | | | | | |
| 0.000 | 4.94 | 4.94 |  |  |  |  |  |
| 0.156 | 3.56 | 5.37 | 0.26 | 0.28 | 0.07 | -3.01 | -2.84 |
| 0.356 | 4.01 | 4.56 | 0.32 | 0.35 | 0.14 | -1.25 | -1.85 |
| 0.480 | 4.68 | 6.60 | 0.38 | 0.39 | 0.29 | -1.59 | -1.56 |
| 0.625 | 6.23 | 7.38 | 0.45 | 0.47 | 0.42 | -0.72 | -1.45 |
| 0.787 | 7.45 | 8.49 | 0.60 | 0.61 | 0.61 | -0.86 | -1.25 |
| 0.903 | 8.02 | 9.55 | 0.73 | 0.70 | 0.80 | -1.05 | -1.64 |
| 1.000 | 10.68 | 10.68 |  |  |  |  |  |
| ***5.0% PrOH*** | | | | | | | |
| 0.000 | 4.22 | 4.22 |  |  |  |  |  |
| 0.156 | 2.85 | 4.63 | 0.27 | 0.26 | 0.06 | -3.52 | -3.21 |
| 0.356 | 3.12 | 5.41 | 0.31 | 0.35 | 0.13 | -2.12 | -3.11 |
| 0.480 | 3.89 | 5.84 | 0.37 | 0.38 | 0.26 | -1.86 | -2.01 |
| 0.625 | 4.78 | 6.63 | 0.44 | 0.45 | 0.39 | -1.42 | -1.84 |
| 0.787 | 6.32 | 7.83 | 0.57 | 0.56 | 0.59 | -0.98 | -1.85 |
| 0.903 | 7.61 | 9.03 | 0.72 | 0.68 | 0.78 | -1.09 | -2.02 |
| 1.000 | 10.36 | 10.36 |  |  |  |  |  |
| ***10-2-10 + TTAB*** | | | | | | | |
| ***2.5% PrOH*** | | | | | | | |
| 0.000 | 4.94 | 4.94 |  |  |  |  |  |
| 0.156 | 3.26 | 4.54 | 0.33 | 0.35 | 0.22 | -1.69 | -3.56 |
| 0.356 | 2.87 | 4.18 | 0.46 | 0.47 | 0.42 | -1.57 | -1.56 |
| 0.480 | 2.68 | 3.87 | 0.56 | 0.58 | 0.60 | -1.64 | -2.48 |
| 0.625 | 2.45 | 3.65 | 0.63 | 0.64 | 0.72 | -1.97 | -4.54 |
| 0.787 | 2.33 | 3.43 | 0.70 | 0.75 | 0.84 | -2.18 | -3.21 |
| 0.903 | 2.04 | 3.27 | 0.73 | 0.81 | 0.93 | -3.32 | -3.25 |
| 1.000 | 3.16 | 3.16 |  |  |  |  |  |
| ***5.0% PrOH*** | | | | | | | |
| 0.000 | 4.22 | 4.22 |  |  |  |  |  |
| 0.156 | 2.55 | 3.85 | 0.36 | 0.37 | 0.23 | -2.09 | -2.25 |
| 0.356 | 2.41 | 3.52 | 0.47 | 0.48 | 0.43 | -1.64 | -1.83 |
| 0.480 | 2.13 | 3.25 | 0.56 | 0.57 | 0.60 | -1.78 | -1.86 |
| 0.625 | 1.96 | 3.05 | 0.63 | 0.64 | 0.73 | -2.16 | -1.84 |
| 0.787 | 1.73 | 2.86 | 0.68 | 0.71 | 0.85 | -2.75 | -2.24 |
| 0.903 | 1.78 | 2.72 | 0.76 | 0.78 | 0.94 | -3.71 | -3.10 |
| 1.000 | 2.62 | 2.62 |  |  |  |  |  |
| ***10-2-10 + CTAB*** | | | | | | | |
| ***2.5% PrOH*** | | | | | | | |
| 0.000 | 4.94 | 4.94 |  |  |  |  |  |
| 0.156 | 1.56 | 2.49 | 0.54 | 0.48 | 0.57 | -2.12 | -4.56 |
| 0.356 | 1.16 | 1.62 | 0.67 | 0.56 | 0.77 | -1.88 | -3.61 |
| 0.480 | 0.84 | 1.21 | 0.72 | 0.67 | 0.87 | -2.47 | -3.84 |
| 0.625 | 0.78 | 1.00 | 0.79 | 0.75 | 0.92 | -2.38 | -3.75 |
| 0.787 | 0.64 | 0.83 | 0.82 | 0.79 | 0.96 | -3.41 | -2.84 |
| 0.903 | 0.58 | 0.74 | 0.87 | 0.88 | 0.98 | -4.11 | -1.56 |
| 1.000 | 0.68 | 0.68 |  |  |  |  |  |
| ***5.0% PrOH*** | | | | | | | |
| 0.000 | 4.22 | 4.22 |  |  |  |  |  |
| 0.156 | 0.97 | 2.20 | 0.52 | 0.49 | 0.55 | -3.46 | -3.48 |
| 0.356 | 0.85 | 1.45 | 0.63 | 0.58 | 0.76 | -2.61 | -3.21 |
| 0.480 | 0.76 | 1.09 | 0.72 | 0.66 | 0.86 | -2.28 | -3.84 |
| 0.625 | 0.67 | 0.90 | 0.78 | 0.72 | 0.92 | -2.66 | -2.61 |
| 0.787 | 0.60 | 0.75 | 0.83 | 0.78 | 0.96 | -2.55 | -2.48 |
| 0.903 | 0.53 | 0.67 | 0.85 | 0.84 | 0.98 | -3.93 | -5.74 |
| 1.000 | 0.62 | 0.62 |  |  |  |  |  |
| ***12-2-12 + DTAB*** | | | | | | | |
| ***2.5% PrOH*** | | | | | | | |
| 0.000 | 0.70 | 0.70 |  |  |  |  |  |
| 0.156 | 0.58 | 0.80 | 0.18 | 0.17 | 0.01 | -4.59 | -4.84 |
| 0.356 | 0.64 | 1.08 | 0.19 | 0.18 | 0.03 | -3.45 | -4.24 |
| 0.480 | 0.72 | 1.21 | 0.20 | 0.25 | 0.05 | -3.48 | -4.71 |
| 0.625 | 1.14 | 1.58 | 0.24 | 0.29 | 0.09 | -2.31 | -5.89 |
| 0.787 | 1.56 | 2.39 | 0.35 | 0.36 | 0.17 | -2.65 | -6.12 |
| 0.903 | 2.43 | 4.28 | 0.45 | 0.48 | 0.36 | -2.60 | -5.21 |
| 1.000 | 10.68 | 10.68 |  |  |  |  |  |
| ***5.0% PrOH*** | | | | | | | |
| 0.000 | 0.63 | 0.63 |  |  |  |  |  |
| 0.156 | 0.47 | 0.72 | 0.20 | 0.22 | 0.01 | -5.37 | -5.79 |
| 0.356 | 0.54 | 0.95 | 0.24 | 0.24 | 0.02 | -4.62 | -5.14 |
| 0.480 | 0.63 | 1.09 | 0.27 | 0.28 | 0.05 | -4.27 | -4.48 |
| 0.625 | 0.96 | 1.43 | 0.27 | 0.32 | 0.08 | -2.96 | -4.43 |
| 0.787 | 1.05 | 2.18 | 0.36 | 0.39 | 0.16 | -3.76 | -4.90 |
| 0.903 | 1.95 | 3.96 | 0.43 | 0.47 | 0.34 | -2.90 | -5.62 |
| 1.000 | 10.36 | 10.36 |  |  |  |  |  |
| ***12-2-12 + TTAB*** | | | | | | | |
| ***2.5% PrOH*** | | | | | | | |
| 0.000 | 0.70 | 0.70 |  |  |  |  |  |
| 0.156 | 064 | 0.76 | 0.48 | 0.45 | 0.47 | -2.24 | -3.52 |
| 0.356 | 0.65 | 0.85 | 0.59 | 0.54 | 0.70 | -2.54 | -3.21 |
| 0.480 | 0.70 | 0.97 | 0.68 | 0.58 | 0.82 | -2.34 | -2.45 |
| 0.625 | 0.78 | 1.15 | 0.73 | 0.65 | 0.89 | -2.61 | -2.14 |
| 0.787 | 0.87 | 1.44 | 0.80 | 0.68 | 0.94 | -2.48 | -3.68 |
| 0.903 | 1.22 | 1.99 | 0.87 | 0.77 | 0.97 | -3.29 | -4.89 |
| 1.000 | 3.16 | 3.16 |  |  |  |  |  |
| ***5.0% PrOH*** | | | | | | | |
| 0.000 | 0.63 | 0.63 |  |  |  |  |  |
| 0.156 | 0.62 | 0.68 | 0.90 | 0.73 | 0.97 | -2.72 | -6.17 |
| 0.356 | 0.63 | 0.76 | 0.82 | 0.70 | 0.93 | -1.94 | -4.48 |
| 0.480 | 0.59 | 0.87 | 0.73 | 0.67 | 0.88 | -2.61 | -4.29 |
| 0.625 | 0.49 | 1.02 | 0.63 | 0.63 | 0.80 | -3.53 | -3.58 |
| 0.787 | 0.63 | 1.26 | 0.58 | 0.59 | 0.68 | -3.03 | -1.97 |
| 0.903 | 0.98 | 1.71 | 0.48 | 0.48 | 0.45 | -2.28 | -2.20 |
| 1.000 | 2.62 | 2.62 |  |  |  |  |  |
| ***12-2-12 + CTAB*** | | | | | | | |
| ***2.5% PrOH*** | | | | | | | |
| 0.000 | 0.70 | 0.70 |  |  |  |  |  |
| 0.156 | 0.62 | 0.70 | 0.23 | 0.18 | 0.13 | -1.46 | -1.87 |
| 0.356 | 0.61 | 0.69 | 0.33 | 0.30 | 0.26 | -1.78 | -1.42 |
| 0.480 | 0.60 | 0.69 | 0.45 | 0.44 | 0.42 | -1.42 | -1.56 |
| 0.625 | 0.59 | 0.69 | 0.48 | 0.50 | 0.56 | -1.34 | -1.34 |
| 0.787 | 0.57 | 0.68 | 0.59 | 0.61 | 0.74 | -1.42 | -1.28 |
| 0.903 | 0.58 | 0.68 | 0.67 | 0.70 | 0.88 | -1.87 | -1.64 |
| 1.000 | 0.68 | 0.68 |  |  |  |  |  |
| ***5.0% PrOH*** | | | | | | | |
| 0.000 | 0.63 | 0.63 |  |  |  |  |  |
| 0.156 | 0.54 | 0.63 | 0.69 | 0.71 | 0.81 | -1.51 | -2.10 |
| 0.356 | 0.55 | 0.62 | 0.66 | 0.66 | 0.69 | -1.31 | -1.61 |
| 0.480 | 0.57 | 0.62 | 0.61 | 0.55 | 0.15 | -0.67 | -2.14 |
| 0.625 | 0.57 | 0.61 | 0.55 | 0.48 | 0.42 | -0.78 | -3.64 |
| 0.787 | 0.56 | 0.61 | 0.52 | 0.38 | 0.35 | -0.94 | -3.25 |
| 0.903 | 0.58 | 0.61 | 0.42 | 0.22 | 0.21 | -0.72 | -4.65 |
| 1.000 | 0.62 | 0.62 |  |  |  |  |  |
| ***14-2-14 + DTAB*** | | | | | | | |
| ***2.5% PrOH*** | | | | | | | |
| 0.000 | 0.12 | 0.12 |  |  |  |  |  |
| 0.156 | 0.08 | 0.14 | 0.20 | 0.16 | 0.00 | -8.26 | -9.46 |
| 0.356 | 0.09 | 0.11 | 0.21 | 0.17 | 0.01 | -5.48 | -9.15 |
| 0.480 | 0.11 | 0.19 | 0.20 | 0.21 | 0.01 | -6.41 | -8.56 |
| 0.625 | 0.18 | 0.27 | 0.18 | 0.30 | 0.01 | -4.05 | -7.12 |
| 0.787 | 0.24 | 0.43 | 0.21 | 0.41 | 0.03 | -4.25 | -5.25 |
| 0.903 | 0.48 | 0.82 | 0.34 | 0.42 | 0.06 | -7.12 | -5.41 |
| 1.000 | 10.68 | 10.68 |  |  |  |  |  |
| ***5.0% PrOH*** | | | | | | | |
| 0.000 | 0.09 | 0.09 |  |  |  |  |  |
| 0.156 | 0.06 | 0.10 | 0.19 | 0.17 | 0.00 | -8.29 | -11.45 |
| 0.356 | 0.07 | 0.12 | 0.21 | 0.22 | 0.00 | -7.12 | -9.25 |
| 0.480 | 0.08 | 0.15 | 0.22 | 0.25 | 0.00 | -6.95 | -8.45 |
| 0.625 | 0.12 | 0.20 | 0.23 | 0.33 | 0.01 | -5.96 | -8.47 |
| 0.787 | 0.19 | 0.33 | 0.25 | 0.38 | 0.02 | -5.21 | -7.98 |
| 0.903 | 0.32 | 0.64 | 0.33 | 0.45 | 0.05 | -6.39 | -8.45 |
| 1.000 | 10.36 | 10.36 |  |  |  |  |  |
| ***14-2-14 + TTAB*** | | | | | | | |
| ***2.5% PrOH*** | | | | | | | |
| 0.000 | 0.12 | 0.12 |  |  |  |  |  |
| 0.156 | 0.09 | 0.13 | 0.62 | 0.55 | 0.83 | -4.52 | -6.58 |
| 0.356 | 0.11 | 0.15 | 0.71 | 0.61 | 0.92 | -4.35 | -6.23 |
| 0.480 | 0.12 | 0.18 | 0.76 | 0.70 | 0.96 | -5.62 | -8.50 |
| 0.625 | 0.16 | 0.23 | 0.78 | 0.75 | 0.98 | -5.23 | -6.31 |
| 0.787 | 0.18 | 0.35 | 0.79 | 0.79 | 0.99 | -6.58 | -8.90 |
| 0.903 | 0.26 | 0.62 | 0.80 | 0.80 | 0.99 | -7.48 | -5.64 |
| 1.000 | 3.16 | 3.16 |  |  |  |  |  |
| ***5.0% PrOH*** | | | | | | | |
| 0.000 | 0.09 | 0.09 |  |  |  |  |  |
| 0.156 | 0.06 | 0.10 | 0.63 | 0.58 | 0.84 | -4.91 | -5.94 |
| 0.356 | 0.07 | 0.11 | 0.70 | 0.66 | 0.93 | -4.59 | -6.87 |
| 0.480 | 0.08 | 0.13 | 0.77 | 0.75 | 0.96 | -4.44 | -7.48 |
| 0.625 | 0.11 | 0.18 | 0.79 | 0.77 | 0.98 | -5.23 | -6.15 |
| 0.787 | 0.13 | 0.27 | 0.79 | 0.80 | 0.99 | -6.31 | -6.80 |
| 0.903 | 0.18 | 0.48 | 0.81 | 0.81 | 0.99 | -7.19 | -6.20 |
| 1.000 | 2.62 | 2.62 |  |  |  |  |  |
| ***14-2-14 + CTAB*** | | | | | | | |
| ***2.5% PrOH*** | | | | | | | |
| 0.000 | 0.12 | 0.12 |  |  |  |  |  |
| 0.156 | 0.08 | 0.13 | 0.50 | 0.42 | 0.48 | -2.02 | -2.15 |
| 0.356 | 0.10 | 0.15 | 0.63 | 0.55 | 0.69 | -1.73 | -3.54 |
| 0.480 | 0.12 | 0.18 | 0.71 | 0.60 | 0.82 | -2.59 | -4.51 |
| 0.625 | 0.15 | 0.22 | 0.74 | 0.65 | 0.89 | -2.55 | -5.61 |
| 0.787 | 0.18 | 0.29 | 0.78 | 0.74 | 0.94 | -2.44 | -5.48 |
| 0.903 | 0.24 | 0.41 | 0.78 | 0.78 | 0.98 | -2.94 | -2.45 |
| 1.000 | 0.68 | 0.68 |  |  |  |  |  |
| ***5.0% PrOH*** | | | | | | | |
| 0.000 | 0.09 | 0.09 |  |  |  |  |  |
| 0.156 | 0.07 | 0.10 | 0.88 | 0.80 | 0.98 | -2.94 | -4.11 |
| 0.356 | 0.07 | 0.11 | 0.88 | 0.75 | 0.95 | -2.44 | -4.26 |
| 0.480 | 0.07 | 0.14 | 0.76 | 0.69 | 0.91 | -2.55 | -4.57 |
| 0.625 | 0.08 | 0.17 | 0.69 | 0.65 | 0.85 | -2.59 | -4.21 |
| 0.787 | 0.11 | 0.23 | 0.63 | 0.58 | 0.72 | -1.73 | -3.75 |
| 0.903 | 0.16 | 0.34 | 0.52 | 0.51 | 0.53 | -2.02 | -3.53 |
| 1.000 | 0.62 | 0.62 |  |  |  |  |  |
| ***10-2-10 + DTAB*** | | | | | | | |
| ***2.5% BuOH*** | | | | | | | |
| 0.000 | 4.52 | 4.52 |  |  |  |  |  |
| 0.156 | 3.87 | 4.87 | 0.21 | 0.16 | 0.06 | -2.17 | -2.13 |
| 0.356 | 4.12 | 5.64 | 0.24 | 0.17 | 0.15 | -1.15 | -1.56 |
| 0.480 | 4.65 | 5.98 | 0.26 | 0.18 | 0.24 | -1.00 | -2.45 |
| 0.625 | 5.12 | 6.74 | 0.35 | 0.25 | 0.36 | -0.99 | -1.35 |
| 0.787 | 6.35 | 7.94 | 0.54 | 0.35 | 0.55 | -0.95 | -1.65 |
| 0.903 | 7.68 | 9.22 | 0.69 | 0.47 | 0.76 | -0.95 | -1.87 |
| 1.000 | 10.74 | 10.74 |  |  |  |  |  |
| ***5.0% BuOH*** | | | | | | | |
| 0.000 | 3.85 | 3.85 |  |  |  |  |  |
| 0.156 | 2.64 | 4.17 | 0.24 | 0.25 | 0.16 | -4.12 | -4.56 |
| 0.356 | 3.08 | 4.72 | 0.28 | 0.29 | 0.24 | -3.12 | -3.68 |
| 0.480 | 3.64 | 5.19 | 0.34 | 0.36 | 0.26 | -2.15 | -1.98 |
| 0.625 | 4.62 | 5.91 | 0.40 | 0.42 | 0.39 | -2.58 | -2.55 |
| 0.787 | 6.12 | 7.08 | 0.55 | 0.56 | 0.58 | -1.24 | -1.54 |
| 0.903 | 7.11 | 8.36 | 0.68 | 0.70 | 0.78 | -0.95 | -1.68 |
| 1.000 | 9.95 | 9.95 |  |  |  |  |  |
| ***10-2-10 + TTAB*** | | | | | | | |
| ***2.5% BuOH*** | | | | | | | |
| 0.000 | 4.52 | 4.52 |  |  |  |  |  |
| 0.156 | 2.94 | 4.15 | 0.34 | 0.32 | 0.22 | -1.83 | -4.75 |
| 0.356 | 2.54 | 3.82 | 0.46 | 0.45 | 0.42 | -1.67 | -1.62 |
| 0.480 | 2.35 | 3.53 | 0.56 | 0.55 | 0.60 | -1.84 | -1.25 |
| 0.625 | 2.12 | 3.33 | 0.62 | 0.62 | 0.72 | -2.12 | -2.56 |
| 0.787 | 1.96 | 3.13 | 0.69 | 0.71 | 0.84 | -2.73 | -2.84 |
| 0.903 | 1.88 | 2.98 | 0.74 | 0.75 | 0.93 | -3.41 | -3.15 |
| 1.000 | 2.88 | 2.88 |  |  |  |  |  |
| ***5.0% BuOH*** | | | | | | | |
| 0.000 | 3.85 | 3.85 |  |  |  |  |  |
| 0.156 | 2.43 | 3.56 | 0.34 | 0.35 | 0.22 | -2.74 | -3.98 |
| 0.356 | 2.28 | 3.30 | 0.44 | 0.42 | 0.42 | -2.47 | -4.75 |
| 0.480 | 2.05 | 3.07 | 0.48 | 0.51 | 0.59 | -2.02 | -1.89 |
| 0.625 | 1.86 | 2.90 | 0.62 | 0.61 | 0.72 | -2.84 | -3.84 |
| 0.787 | 1.67 | 2.74 | 0.66 | 0.69 | 0.84 | -3.89 | -3.65 |
| 0.903 | 1.66 | 2.62 | 0.77 | 0.74 | 0.93 | -2.94 | -3.47 |
| 1.000 | 2.54 | 2.54 |  |  |  |  |  |
| ***10-2-10 + CTAB*** | | | | | | | |
| ***2.5% BuOH*** | | | | | | | |
| 0.000 | 4.52 | 4.52 |  |  |  |  |  |
| 0.156 | 1.64 | 2.14 | 0.56 | 0.41 | 0.59 | -1.25 | -3.21 |
| 0.356 | 1.02 | 1.37 | 0.69 | 0.51 | 0.79 | -1.75 | -2.45 |
| 0.480 | 0.78 | 1.01 | 0.75 | 0.62 | 0.88 | -1.82 | -2.15 |
| 0.625 | 0.64 | 0.83 | 0.79 | 0.78 | 0.93 | -2.46 | -3.21 |
| 0.787 | 0.51 | 0.69 | 0.81 | 0.81 | 0.96 | -3.63 | -2.46 |
| 0.903 | 0.48 | 0.61 | 0.85 | 0.84 | 0.98 | -4.31 | -3.25 |
| 1.000 | 0.56 | 0.56 |  |  |  |  |  |
| ***5.0% BuOH*** | | | | | | | |
| 0.000 | 3.85 | 3.85 |  |  |  |  |  |
| 0.156 | 1.33 | 1.81 | 0.48 | 0.46 | 0.60 | -3.58 | -4.56 |
| 0.356 | 0.96 | 1.15 | 0.58 | 0.56 | 0.79 | -2.75 | -3.25 |
| 0.480 | 0.58 | 0.85 | 0.71 | 0.66 | 0.88 | -1.68 | -2.47 |
| 0.625 | 0.37 | 0.69 | 0.76 | 0.71 | 0.93 | -2.45 | -3.10 |
| 0.787 | 0.31 | 0.58 | 0.83 | 0.75 | 0.96 | -3.56 | -2.91 |
| 0.903 | 0.27 | 0.51 | 0.85 | 0.78 | 0.98 | -3.47 | -4.61 |
| 1.000 | 0.47 | 0.47 |  |  |  |  |  |
| ***12-2-12 + DTAB*** | | | | | | | |
| ***2.5% BuOH*** | | | | | | | |
| 0.000 | 0.67 | 0.67 |  |  |  |  |  |
| 0.156 | 0.56 | 0.77 | 0.18 | 0.18 | 0.01 | -4.64 | -4.51 |
| 0.356 | 0.65 | 1.23 | 0.18 | 0.18 | 0.03 | -3.56 | -4.89 |
| 0.480 | 0.68 | 1.16 | 0.19 | 0.19 | 0.05 | -3.49 | -3.21 |
| 0.625 | 0.84 | 1.52 | 0.24 | 0.21 | 0.08 | -3.42 | -5.12 |
| 0.787 | 1.04 | 2.31 | 0.38 | 0.24 | 0.16 | -4.12 | -6.23 |
| 0.903 | 2.13 | 4.17 | 0.45 | 0.36 | 0.34 | -3.05 | -6.85 |
| 1.000 | 10.74 | 10.74 |  |  |  |  |  |
| ***5.0% BuOH*** | | | | | | | |
| 0.000 | 0.60 | 0.60 |  |  |  |  |  |
| 0.156 | 0.45 | 0.69 | 0.18 | 0.22 | 0.01 | -4.95 | -6.12 |
| 0.356 | 0.55 | 0.78 | 0.23 | 0.24 | 0.03 | -4.35 | -5.52 |
| 0.480 | 0.61 | 1.04 | 0.24 | 0.28 | 0.05 | -5.86 | -5.41 |
| 0.625 | 0.85 | 1.36 | 0.26 | 0.32 | 0.08 | -3.65 | -4.75 |
| 0.787 | 0.98 | 2.08 | 0.35 | 0.39 | 0.16 | -4.15 | -5.16 |
| 0.903 | 1.73 | 3.78 | 0.40 | 0.47 | 0.34 | -3.56 | -6.98 |
| 1.000 | 9.95 | 9.95 |  |  |  |  |  |
| ***12-2-12 + TTAB*** | | | | | | | |
| ***2.5% BuOH*** | | | | | | | |
| 0.000 | 0.67 | 0.67 |  |  |  |  |  |
| 0.156 | 0.38 | 0.73 | 0.47 | 0.43 | 0.46 | -2.27 | -3.64 |
| 0.356 | 0.42 | 0.81 | 0.59 | 0.55 | 0.68 | -2.14 | -3.01 |
| 0.480 | 0.54 | 0.92 | 0.61 | 0.58 | 0.81 | -2.61 | -3.25 |
| 0.625 | 0.72 | 1.09 | 0.69 | 0.68 | 0.88 | -3.35 | -4.58 |
| 0.787 | 0.86 | 1.36 | 0.71 | 0.75 | 0.93 | -4.42 | -5.85 |
| 0.903 | 1.11 | 1.86 | 0.75 | 0.78 | 0.97 | -4.33 | -5.25 |
| 1.000 | 2.88 | 2.88 |  |  |  |  |  |
| ***5.0% BuOH*** | | | | | | | |
| 0.000 | 0.60 | 0.60 |  |  |  |  |  |
| 0.156 | 0.31 | 0.65 | 0.85 | 0.70 | 0.97 | -4.16 | -6.47 |
| 0.356 | 0.35 | 0.73 | 0.76 | 0.68 | 0.93 | -4.75 | -5.98 |
| 0.480 | 0.38 | 0.83 | 0.69 | 0.65 | 0.88 | -3.89 | -4.85 |
| 0.625 | 0.48 | 0.97 | 0.61 | 0.57 | 0.80 | -2.61 | -3.87 |
| 0.787 | 0.60 | 1.21 | 0.55 | 0.52 | 0.68 | -2.41 | -2.61 |
| 0.903 | 0.93 | 1.65 | 0.47 | 0.45 | 0.46 | -1.85 | -2.45 |
| 1.000 | 2.54 | 2.54 |  |  |  |  |  |
| ***12-2-12 + CTAB*** | | | | | | | |
| ***2.5% BuOH*** | | | | | | | |
| 0.000 | 0.67 | 0.67 |  |  |  |  |  |
| 0.156 | 0.55 | 0.65 | 0.22 | 0.19 | 0.11 | -0.56 | -1.25 |
| 0.356 | 0.52 | 0.64 | 0.45 | 0.30 | 0.23 | -0.25 | -1.10 |
| 0.480 | 0.50 | 0.62 | 0.55 | 0.45 | 0.39 | -0.48 | -1.45 |
| 0.625 | 0.45 | 0.60 | 0.65 | 0.53 | 0.52 | -1.45 | -1.62 |
| 0.787 | 0.40 | 0.58 | 0.74 | 0.58 | 0.71 | -1.21 | -1.27 |
| 0.903 | 0.36 | 0.57 | 0.80 | 0.75 | 0.86 | -2.54 | -2.32 |
| 1.000 | 0.56 | 0.56 |  |  |  |  |  |
| ***5.0% BuOH*** | | | | | | | |
| 0.000 | 0.60 | 0.60 |  |  |  |  |  |
| 0.156 | 0.47 | 0.58 | 0.78 | 0.71 | 0.86 | -2.50 | -2.87 |
| 0.356 | 0.46 | 0.56 | 0.73 | 0.58 | 0.70 | -0.91 | -1.46 |
| 0.480 | 0.44 | 0.54 | 0.64 | 0.52 | 0.51 | -0.84 | -1.87 |
| 0.625 | 0.41 | 0.52 | 0.52 | 0.44 | 0.37 | -0.74 | -1.42 |
| 0.787 | 0.38 | 0.50 | 0.41 | 0.29 | 0.22 | -0.62 | -0.95 |
| 0.903 | 0.35 | 0.48 | 0.23 | 0.18 | 0.11 | -0.68 | -0.84 |
| 1.000 | 0.47 | 0.47 |  |  |  |  |  |
| ***14-2-14 + DTAB*** | | | | | | | |
| ***2.5% BuOH*** | | | | | | | |
| 0.000 | 0.09 | 0.09 |  |  |  |  |  |
| 0.156 | 0.08 | 0.10 | 0.11 | 0.11 | 0.00 | -5.64 | -8.45 |
| 0.356 | 0.08 | 0.12 | 0.12 | 0.14 | 0.00 | -5.25 | -7.14 |
| 0.480 | 0.09 | 0.14 | 0.17 | 0.16 | 0.00 | -5.94 | -6.12 |
| 0.625 | 0.16 | 0.20 | 0.20 | 0.19 | 0.01 | -4.78 | -8.14 |
| 0.787 | 0.19 | 0.32 | 0.28 | 0.21 | 0.02 | -5.29 | -9.60 |
| 0.903 | 0.35 | 0.62 | 0.33 | 0.35 | 0.05 | -5.35 | -8.21 |
| 1.000 | 10.74 | 10.74 |  |  |  |  |  |
| ***5.0% BuOH*** | | | | | | | |
| 0.000 | 0.07 | 0.07 |  |  |  |  |  |
| 0.156 | 0.07 | 0.08 | 0.12 | 0.12 | 0.01 | -7.45 | -7.84 |
| 0.356 | 0.08 | 0.09 | 0.13 | 0.13 | 0.01 | -6.95 | -7.47 |
| 0.480 | 0.08 | 0.11 | 0.14 | 0.14 | 0.01 | -6.25 | -5.84 |
| 0.625 | 0.12 | 0.16 | 0.15 | 0.15 | 0.01 | -5.16 | -6.21 |
| 0.787 | 0.16 | 0.26 | 0.18 | 0.24 | 0.02 | -5.78 | -7.48 |
| 0.903 | 0.25 | 0.50 | 0.24 | 0.31 | 0.04 | -7.45 | -8.42 |
| 1.000 | 9.95 | 9.95 |  |  |  |  |  |
| ***14-2-14 + TTAB*** | | | | | | | |
| ***2.5% BuOH*** | | | | | | | |
| 0.000 | 0.09 | 0.09 |  |  |  |  |  |
| 0.156 | 0.08 | 0.10 | 0.71 | 0.51 | 0.87 | -2.33 | -7.58 |
| 0.356 | 0.09 | 0.11 | 0.77 | 0.62 | 0.94 | -3.49 | -6.25 |
| 0.480 | 0.10 | 0.13 | 0.76 | 0.66 | 0.97 | -4.49 | -7.85 |
| 0.625 | 0.11 | 0.18 | 0.81 | 0.75 | 0.98 | -4.48 | -8.45 |
| 0.787 | 0.18 | 0.26 | 0.86 | 0.78 | 0.99 | -4.98 | -7.12 |
| 0.903 | 0.35 | 0.48 | 0.88 | 0.84 | 0.99 | -6.61 | -6.94 |
| 1.000 | 2.88 | 2.88 |  |  |  |  |  |
| ***5.0% BuOH*** | | | | | | | |
| 0.000 | 0.07 | 0.07 |  |  |  |  |  |
| 0.156 | 0.07 | 0.08 | 0.90 | 0.84 | 0.99 | -6.23 | -7.18 |
| 0.356 | 0.08 | 0.09 | 0.88 | 0.79 | 0.99 | -4.98 | -7.54 |
| 0.480 | 0.09 | 0.11 | 0.81 | 0.74 | 0.98 | -4.56 | -7.48 |
| 0.625 | 0.10 | 0.14 | 0.77 | 0.68 | 0.97 | -3.74 | -6.89 |
| 0.787 | 0.16 | 0.21 | 0.74 | 0.63 | 0.94 | -3.01 | -6.23 |
| 0.903 | 0.30 | 0.39 | 0.65 | 0.55 | 0.87 | -3.45 | -5.86 |
| 1.000 | 2.54 | 2.54 |  |  |  |  |  |
| ***14-2-14 + CTAB*** | | | | | | | |
| ***2.5% BuOH*** | | | | | | | |
| 0.000 | 0.09 | 0.09 |  |  |  |  |  |
| 0.156 | 0.06 | 0.10 | 0.52 | 0.51 | 0.51 | -1.51 | -4.56 |
| 0.356 | 0.07 | 0.11 | 0.66 | 0.54 | 0.71 | -1.28 | -7.45 |
| 0.480 | 0.09 | 0.13 | 0.69 | 0.60 | 0.84 | -4.58 | -2.54 |
| 0.625 | 0.12 | 0.16 | 0.73 | 0.66 | 0.90 | -5.45 | -4.58 |
| 0.787 | 0.16 | 0.22 | 0.66 | 0.68 | 0.95 | -6.45 | -5.66 |
| 0.903 | 0.22 | 0.32 | 0.70 | 0.70 | 0.98 | -7.45 | -5.46 |
| 1.000 | 0.56 | 0.56 |  |  |  |  |  |
| ***5.0% BuOH*** | | | | | | | |
| 0.000 | 0.07 | 0.07 |  |  |  |  |  |
| 0.156 | 0.01 | 0.08 | 0.52 | 0.52 | 0.52 | -2.94 | -10.15 |
| 0.356 | 0.02 | 0.09 | 0.68 | 0.68 | 0.98 | -2.44 | -9.96 |
| 0.480 | 0.02 | 0.11 | 0.64 | 0.64 | 0.95 | -2.55 | -7.75 |
| 0.625 | 0.03 | 0.13 | 0.63 | 0.63 | 0.91 | -2.59 | -5.95 |
| 0.787 | 0.06 | 0.18 | 0.61 | 0.62 | 0.85 | -1.73 | -4.46 |
| 0.903 | 0.17 | 0.26 | 0.58 | 0.58 | 0.72 | -2.02 | -3.33 |
| 1.000 | 0.47 | 0.47 |  |  |  |  |  |
| ***10-2-10 + DTAB*** | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | |
| 0.000 | 5.41 | 5.41 |  |  |  |  |  |
| 0.156 | 5.71 | 5.79 | 0.14 | 0.12 | 0.06 | -0.45 | -1.12 |
| 0.356 | 5.92 | 6.54 | 0.24 | 0.25 | 0.15 | -0.54 | -1.24 |
| 0.480 | 6.12 | 6.92 | 0.36 | 0.35 | 0.26 | -0.77 | -1.45 |
| 0.625 | 6.58 | 7.67 | 0.46 | 0.41 | 0.39 | -0.80 | -1.84 |
| 0.787 | 7.64 | 8.80 | 0.60 | 0.52 | 0.58 | -0.76 | -0.96 |
| 0.903 | 8.79 | 9.94 | 0.75 | 0.64 | 0.78 | -0.23 | -0.45 |
| 1.000 | 11.22 | 11.22 |  |  |  |  |  |
| ***5.0% tert BuOH*** | | | | | | | |
| 0.000 | 5.33 | 5.33 |  |  |  |  |  |
| 0.156 | 5.34 | 5.70 | 0.14 | 0.12 | 0.06 | -0.88 | -0.86 |
| 0.356 | 5.62 | 6.22 | 0.18 | 0.15 | 0.08 | -0.75 | -0.52 |
| 0.480 | 5.89 | 6.81 | 0.22 | 0.18 | 0.26 | -0.51 | -0.59 |
| 0.625 | 6.53 | 7.54 | 0.34 | 0.31 | 0.39 | -0.41 | -1.25 |
| 0.787 | 7.24 | 8.64 | 0.45 | 0.41 | 0.58 | -0.31 | -0.94 |
| 0.903 | 8.65 | 9.74 | 0.73 | 0.68 | 0.78 | -0.71 | -0.38 |
| 1.000 | 10.98 | 10.98 |  |  |  |  |  |
| ***10-2-10 + TTAB*** | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | |
| 0.000 | 5.41 | 5.41 |  |  |  |  |  |
| 0.156 | 4.12 | 4.82 | 0.31 | 0.29 | 0.25 | -0.89 | -1.45 |
| 0.356 | 3.76 | 4.32 | 0.47 | 0.42 | 0.46 | -0.62 | -1.25 |
| 0.480 | 3.55 | 3.92 | 0.60 | 0.66 | 0.63 | -0.44 | -1.45 |
| 0.625 | 3.37 | 3.64 | 0.71 | 0.70 | 0.75 | -0.42 | -1.95 |
| 0.787 | 3.15 | 3.37 | 0.82 | 0.78 | 0.86 | -0.54 | -0.98 |
| 0.903 | 3.03 | 3.18 | 0.91 | 0.91 | 0.94 | -2.17 | -2.47 |
| 1.000 | 3.05 | 3.05 |  |  |  |  |  |
| ***5.0% tert BuOH*** | | | | | | | |
| 0.000 | 5.33 | 5.33 |  |  |  |  |  |
| 0.156 | 4.01 | 4.69 | 0.31 | 0.31 | 0.25 | -0.82 | -1.15 |
| 0.356 | 3.68 | 4.17 | 0.48 | 0.44 | 0.47 | -0.88 | -0.64 |
| 0.480 | 3.42 | 3.75 | 0.61 | 0.60 | 0.64 | -0.72 | -0.78 |
| 0.625 | 3.28 | 3.46 | 0.73 | 0.68 | 0.76 | -0.78 | -0.48 |
| 0.787 | 3.05 | 3.19 | 0.84 | 0.77 | 0.86 | -1.24 | -1.54 |
| 0.903 | 2.96 | 3.00 | 0.93 | 0.83 | 0.94 | -2.15 | -2.54 |
| 1.000 | 2.87 | 2.87 |  |  |  |  |  |
| ***10-2-10 + CTAB*** | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | |
| 0.000 | 5.41 | 5.41 |  |  |  |  |  |
| 0.156 | 2.05 | 2.66 | 0.55 | 0.52 | 0.58 | -1.18 | -2.54 |
| 0.356 | 1.26 | 1.71 | 0.68 | 0.65 | 0.78 | -1.75 | -1.54 |
| 0.480 | 1.02 | 1.27 | 0.76 | 0.75 | 0.88 | -1.69 | -2.31 |
| 0.625 | 0.84 | 1.04 | 0.80 | 0.80 | 0.93 | -2.17 | -1.78 |
| 0.787 | 0.69 | 0.87 | 0.83 | 0.85 | 0.96 | -3.31 | -3.89 |
| 0.903 | 0.64 | 0.77 | 0.87 | 0.94 | 0.98 | -4.15 | -4.58 |
| 1.000 | 0.71 | 0.71 |  |  |  |  |  |
| ***5.0% tert BuOH*** | | | | | | | |
| 0.000 | 5.33 | 5.33 |  |  |  |  |  |
| 0.156 | 1.86 | 2.83 | 0.51 | 0.53 | 0.55 | -2.65 | -3.89 |
| 0.356 | 1.08 | 1.88 | 0.63 | 0.66 | 0.76 | -3.01 | -2.45 |
| 0.480 | 0.95 | 1.41 | 0.72 | 0.73 | 0.86 | -3.04 | -4.16 |
| 0.625 | 0.75 | 1.17 | 0.78 | 0.76 | 0.92 | -1.94 | -3.15 |
| 0.787 | 0.61 | 0.97 | 0.81 | 0.77 | 0.96 | -2.86 | -3.48 |
| 0.903 | 0.60 | 0.87 | 0.84 | 0.78 | 0.98 | -5.89 | -5.46 |
| 1.000 | 0.65 | 0.65 |  |  |  |  |  |
| ***12-2-12 + DTAB*** | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | |
| 0.000 | 0.70 | 0.70 |  |  |  |  |  |
| 0.156 | 0.48 | 0.79 | 0.23 | 0.24 | 0.01 | -6.03 | -6.31 |
| 0.356 | 0.51 | 0.89 | 0.25 | 0.24 | 0.01 | -4.56 | -5.21 |
| 0.480 | 0.52 | 1.16 | 0.26 | 0.35 | 0.04 | -5.12 | -6.25 |
| 0.625 | 0.66 | 1.51 | 0.29 | 0.39 | 0.08 | -4.62 | -7.48 |
| 0.787 | 0.94 | 2.28 | 0.39 | 0.55 | 0.15 | -4.80 | -4.58 |
| 0.903 | 1.56 | 4.13 | 0.46 | 0.64 | 0.32 | -4.46 | -5.12 |
| 1.000 | 11.22 | 11.22 |  |  |  |  |  |
| ***5.0% tert BuOH*** | | | | | | | |
| 0.000 | 0.72 | 0.72 |  |  |  |  |  |
| 0.156 | 0.45 | 0.82 | 0.23 | 0.23 | 0.01 | -4.48 | -6.75 |
| 0.356 | 0.51 | 0.96 | 0.25 | 0.26 | 0.03 | -5.03 | -6.21 |
| 0.480 | 0.55 | 1.20 | 0.27 | 0.29 | 0.04 | -6.31 | -6.81 |
| 0.625 | 0.62 | 1.55 | 0.28 | 0.36 | 0.08 | -5.84 | -7.12 |
| 0.787 | 0.88 | 2.33 | 0.37 | 0.40 | 0.15 | -5.82 | -5.48 |
| 0.903 | 1.28 | 4.18 | 0.46 | 0.46 | 0.34 | -4.63 | -5.41 |
| 1.000 | 10.98 | 10.98 |  |  |  |  |  |
| ***12-2-12 + TTAB*** | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | |
| 0.000 | 0.70 | 0.70 |  |  |  |  |  |
| 0.156 | 0.58 | 0.77 | 0.46 | 0.45 | 0.44 | -0.84 | -3.21 |
| 0.356 | 0.61 | 0.86 | 0.62 | 0.60 | 0.67 | -0.96 | -3.25 |
| 0.480 | 0.71 | 0.99 | 0.72 | 0.69 | 0.79 | -1.41 | -1.25 |
| 0.625 | 0.94 | 1.18 | 0.74 | 0.75 | 0.87 | -2.41 | -1.65 |
| 0.787 | 1.18 | 1.48 | 0.78 | 0.82 | 0.93 | -2.84 | -2.85 |
| 0.903 | 1.68 | 2.01 | 0.83 | 0.84 | 0.97 | -3.70 | -3.64 |
| 1.000 | 3.05 | 3.05 |  |  |  |  |  |
| ***5.0% tert BuOH*** | | | | | | | |
| 0.000 | 0.72 | 0.72 |  |  |  |  |  |
| 0.156 | 0.52 | 0.79 | 0.79 | 0.79 | 0.97 | -4.42 | -4.81 |
| 0.356 | 0.55 | 0.88 | 0.75 | 0.76 | 0.92 | -3.68 | -3.89 |
| 0.480 | 0.63 | 1.01 | 0.70 | 0.72 | 0.86 | -2.86 | -2.15 |
| 0.625 | 0.85 | 1.19 | 0.68 | 0.66 | 0.78 | -1.78 | -2.47 |
| 0.787 | 1.08 | 1.47 | 0.60 | 0.58 | 0.65 | -1.39 | -3.60 |
| 0.903 | 1.47 | 1.97 | 0.45 | 0.44 | 0.42 | -1.27 | -2.48 |
| 1.000 | 2.87 | 2.87 |  |  |  |  |  |
| ***12-2-12+CTAB*** | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | |
| 0.000 | 0.70 | 0.70 |  |  |  |  |  |
| 0.156 | 0.64 | 0.70 | 0.23 | 0.20 | 0.13 | -0.54 | -1.62 |
| 0.356 | 0.58 | 0.70 | 0.40 | 0.31 | 0.27 | -0.25 | -1.52 |
| 0.480 | 0.61 | 0.70 | 0.52 | 0.45 | 0.43 | -0.98 | -0.98 |
| 0.625 | 0.59 | 0.70 | 0.64 | 0.55 | 0.57 | -1.42 | -1.25 |
| 0.787 | 0.57 | 0.71 | 0.75 | 0.68 | 0.75 | -1.62 | -1.47 |
| 0.903 | 0.64 | 0.71 | 0.85 | 0.78 | 0.88 | -1.89 | -2.58 |
| 1.000 | 0.71 | 0.71 |  |  |  |  |  |
| ***5.0% tert BuOH*** | | | | | | | |
| 0.000 | 0.72 | 0.72 |  |  |  |  |  |
| 0.156 | 0.52 | 0.73 | 0.76 | 0.72 | 0.89 | -2.76 | -2.86 |
| 0.356 | 0.54 | 0.74 | 0.69 | 0.64 | 0.76 | -1.79 | -1.75 |
| 0.480 | 0.55 | 0.75 | 0.59 | 0.52 | 0.59 | -1.30 | -1.25 |
| 0.625 | 0.60 | 0.76 | 0.51 | 0.42 | 0.46 | -1.01 | -1.65 |
| 0.787 | 0.66 | 0.77 | 0.39 | 0.28 | 0.29 | -0.76 | -1.75 |
| 0.903 | 0.72 | 0.79 | 0.22 | 0.15 | 0.14 | -0.62 | -1.35 |
| 1.000 | 0.65 | 0.65 |  |  |  |  |  |
| ***14-2-14 + DTAB*** | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | |
| 0.000 | 0.10 | 0.10 |  |  |  |  |  |
| 0.156 | 0.08 | 0.11 | 0.15 | 0.14 | 0.00 | -6.74 | -8.45 |
| 0.356 | 0.10 | 0.15 | 0.14 | 0.14 | 0.00 | -6.25 | -7.81 |
| 0.480 | 0.11 | 0.16 | 0.16 | 0.16 | 0.00 | -5.57 | -7.15 |
| 0.625 | 0.14 | 0.22 | 0.17 | 0.18 | 0.01 | -4.87 | -7.52 |
| 0.787 | 0.21 | 0.36 | 0.28 | 0.25 | 0.02 | -5.69 | -7.48 |
| 0.903 | 0.41 | 0.69 | 0.33 | 0.35 | 0.05 | -5.13 | -6.25 |
| 1.000 | 11.22 | 11.22 |  |  |  |  |  |
| ***5.0% tert BuOH*** | | | | | | | |
| 0.000 | 0.08 | 0.08 |  |  |  |  |  |
| 0.156 | 0.07 | 0.10 | 0.14 | 0.12 | 0.01 | -7.41 | -7.47 |
| 0.356 | 0.08 | 0.12 | 0.16 | 0.15 | 0.01 | -6.65 | -6.92 |
| 0.480 | 0.08 | 0.15 | 0.18 | 0.14 | 0.01 | -6.86 | -6.85 |
| 0.625 | 0.11 | 0.21 | 0.20 | 0.18 | 0.01 | -5.76 | -6.41 |
| 0.787 | 0.17 | 0.33 | 0.18 | 0.24 | 0.02 | -4.31 | -7.12 |
| 0.903 | 0.26 | 0.64 | 0.30 | 0.31 | 0.05 | -6.49 | -5.52 |
| 1.000 | 10.98 | 10.98 |  |  |  |  |  |
| ***14-2-14 + TTAB*** | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | |
| 0.000 | 0.10 | 0.10 |  |  |  |  |  |
| 0.156 | 0.08 | 0.11 | 0.64 | 0.58 | 0.00 | -3.11 | -5.46 |
| 0.356 | 0.09 | 0.12 | 0.77 | 0.62 | 0.01 | -2.77 | -5.25 |
| 0.480 | 0.12 | 0.15 | 0.81 | 0.64 | 0.03 | -3.44 | -4.68 |
| 0.625 | 0.14 | 0.19 | 0.83 | 0.67 | 0.06 | -2.78 | -4.15 |
| 0.787 | 0.20 | 0.29 | 0.84 | 0.74 | 0.11 | -4.16 | -6.58 |
| 0.903 | 0.35 | 0.52 | 0.86 | 0.80 | 0.21 | -4.71 | -7.48 |
| 1.000 | 3.05 | 3.05 |  |  |  |  |  |
| ***5.0% tert BuOH*** | | | | | | | |
| 0.000 | 0.08 | 0.08 |  |  |  |  |  |
| 0.156 | 0.06 | 0.10 | 0.84 | 0.81 | 0.99 | -6.75 | -8.48 |
| 0.356 | 0.07 | 0.12 | 0.82 | 0.76 | 0.99 | -5.47 | -7.15 |
| 0.480 | 0.10 | 0.14 | 0.80 | 0.78 | 0.98 | -3.64 | -6.89 |
| 0.625 | 0.11 | 0.18 | 0.77 | 0.77 | 0.97 | -4.49 | -6.48 |
| 0.787 | 0.19 | 0.27 | 0.78 | 0.70 | 0.93 | -2.68 | -5.78 |
| 0.903 | 0.31 | 0.49 | 0.68 | 0.62 | 0.86 | -3.04 | -6.58 |
| 1.000 | 2.87 | 2.87 |  |  |  |  |  |
| ***14-2-14 + CTAB*** | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | |
| 0.000 | 0.10 | 0.10 |  |  |  |  |  |
| 0.156 | 0.07 | 0.11 | 0.53 | 0.48 | 0.52 | -2.24 | -3.42 |
| 0.356 | 0.09 | 0.13 | 0.66 | 0.55 | 0.72 | -1.93 | -3.15 |
| 0.480 | 0.11 | 0.15 | 0.72 | 0.66 | 0.84 | -2.54 | -4.15 |
| 0.625 | 0.12 | 0.19 | 0.78 | 0.75 | 0.91 | -2.77 | -4.62 |
| 0.787 | 0.16 | 0.27 | 0.82 | 0.78 | 0.95 | -3.45 | -4.25 |
| 0.903 | 0.21 | 0.39 | 0.85 | 0.81 | 0.98 | -4.76 | -5.86 |
| 1.000 | 0.71 | 0.71 |  |  |  |  |  |
| ***5.0% tert BuOH*** | | | | | | | |
| 0.000 | 0.08 | 0.08 |  |  |  |  |  |
| 0.156 | 0.05 | 0.09 | 0.88 | 0.67 | 0.98 | -2.94 | -9.67 |
| 0.356 | 0.05 | 0.11 | 0.88 | 0.68 | 0.95 | -2.44 | -8.94 |
| 0.480 | 0.06 | 0.13 | 0.76 | 0.62 | 0.90 | -2.55 | -7.35 |
| 0.625 | 0.11 | 0.17 | 0.69 | 0.61 | 0.85 | -2.59 | -6.06 |
| 0.787 | 0.14 | 0.24 | 0.63 | 0.58 | 0.72 | -1.73 | -5.17 |
| 0.903 | 0.17 | 0.35 | 0.52 | 0.50 | 0.53 | -2.02 | -3.36 |
| 1.000 | 0.65 | 0.65 |  |  |  |  |  |
| ***10-2-10 + DTAB*** | | | | | | | |
| ***2.5% PG*** | | | | | | | |
| 0.000 | 5.61 | 5.61 |  |  |  |  |  |
| 0.156 | 5.62 | 5.99 | 0.18 | 0.17 | 0.06 | -1.41 | -0.89 |
| 0.356 | 5.86 | 6.32 | 0.25 | 0.24 | 0.26 | -0.75 | -1.25 |
| 0.480 | 6.75 | 7.13 | 0.35 | 0.34 | 0.26 | -0.47 | -0.45 |
| 0.625 | 7.34 | 7.87 | 0.46 | 0.45 | 0.39 | -0.46 | -1.23 |
| 0.787 | 8.04 | 8.98 | 0.61 | 0.64 | 0.59 | -0.63 | -1.24 |
| 0.903 | 9.56 | 10.10 | 0.78 | 0.75 | 0.78 | -0.55 | -0.64 |
| 1.000 | 11.33 | 11.33 |  |  |  |  |  |
| ***5.0% PG*** | | | | | | | |
| 0.000 | 5.47 | 5.47 |  |  |  |  |  |
| 0.156 | 5.64 | 5.85 | 0.29 | 0.28 | 0.27 | -0.29 | -0.59 |
| 0.356 | 5.79 | 5.94 | 0.31 | 0.33 | 0.28 | -0.18 | -0.61 |
| 0.480 | 6.65 | 6.98 | 0.35 | 0.33 | 0.32 | -0.31 | -0.72 |
| 0.625 | 7.25 | 7.73 | 0.41 | 0.38 | 0.39 | -0.32 | -0.84 |
| 0.787 | 7.98 | 8.85 | 0.58 | 0.55 | 0.59 | -0.53 | -1.22 |
| 0.903 | 8.85 | 9.99 | 0.73 | 0.69 | 0.78 | -0.73 | -1.48 |
| 1.000 | 11.25 | 11.25 |  |  |  |  |  |
| ***10-2-10 + TTAB*** | | | | | | | |
| ***2.5% PG*** | | | | | | | |
| 0.000 | 5.61 | 5.61 |  |  |  |  |  |
| 0.156 | 4.21 | 4.98 | 0.31 | 0.30 | 0.25 | -0.90 | -0.51 |
| 0.356 | 4.05 | 4.46 | 0.47 | 0.42 | 0.46 | -0.45 | -0.97 |
| 0.480 | 3.78 | 4.04 | 0.61 | 0.60 | 0.63 | -0.33 | -1.45 |
| 0.625 | 3.44 | 3.74 | 0.71 | 0.70 | 0.75 | -0.49 | -1.82 |
| 0.787 | 3.21 | 3.47 | 0.82 | 0.78 | 0.86 | -0.76 | -1.42 |
| 0.903 | 3.11 | 3.27 | 0.91 | 0.84 | 0.94 | -2.16 | -2.58 |
| 1.000 | 3.13 | 3.13 |  |  |  |  |  |
| ***5.0% PG*** | | | | | | | |
| 0.000 | 5.47 | 5.47 |  |  |  |  |  |
| 0.156 | 4.15 | 4.84 | 0.31 | 0.30 | 0.25 | -0.84 | -0.92 |
| 0.356 | 3.79 | 4.32 | 0.47 | 0.45 | 0.46 | -0.53 | -0.40 |
| 0.480 | 3.44 | 3.89 | 0.61 | 0.59 | 0.63 | -0.67 | -0.39 |
| 0.625 | 3.32 | 3.60 | 0.73 | 0.69 | 0.75 | -0.63 | -0.57 |
| 0.787 | 3.11 | 3.33 | 0.83 | 0.76 | 0.86 | -0.90 | -1.28 |
| 0.903 | 3.03 | 3.13 | 0.92 | 0.82 | 0.94 | -1.88 | -2.02 |
| 1.000 | 3.00 | 3.00 |  |  |  |  |  |
| ***10-2-10 + CTAB*** | | | | | | | |
| ***2.5% PG*** | | | | | | | |
| 0.000 | 5.61 | 5.61 |  |  |  |  |  |
| 0.156 | 2.03 | 2.95 | 0.53 | 0.53 | 0.55 | -1.66 | -2.45 |
| 0.356 | 1.45 | 1.95 | 0.67 | 0.66 | 0.76 | -1.67 | -1.45 |
| 0.480 | 1.11 | 1.46 | 0.74 | 0.75 | 0.86 | -2.10 | -2.13 |
| 0.625 | 0.91 | 1.21 | 0.77 | 0.78 | 0.92 | -2.36 | -2.87 |
| 0.787 | 0.84 | 1.01 | 0.84 | 0.81 | 0.96 | -2.43 | -3.45 |
| 0.903 | 0.78 | 0.90 | 0.89 | 0.86 | 0.98 | -4.21 | -5.40 |
| 1.000 | 0.83 | 0.83 |  |  |  |  |  |
| ***5.0% PG*** | | | | | | | |
| 0.000 | 5.47 | 5.47 |  |  |  |  |  |
| 0.156 | 1.79 | 2.91 | 0.52 | 0.52 | 0.55 | -2.03 | -2.67 |
| 0.356 | 1.12 | 1.93 | 0.63 | 0.65 | 0.76 | -2.71 | -1.95 |
| 0.480 | 1.01 | 1.45 | 0.72 | 0.72 | 0.86 | -2.33 | -2.14 |
| 0.625 | 0.89 | 1.20 | 0.77 | 0.75 | 0.91 | -2.36 | -2.60 |
| 0.787 | 0.75 | 1.00 | 0.80 | 0.77 | 0.96 | -3.01 | -3.57 |
| 0.903 | 0.66 | 0.89 | 0.83 | 0.79 | 0.98 | -4.91 | -4.99 |
| 1.000 | 0.82 | 0.82 |  |  |  |  |  |
| ***12-2-12 + DTAB*** | | | | | | | |
| ***2.5% PG*** | | | | | | | |
| 0.000 | 0.72 | 0.72 |  |  |  |  |  |
| 0.156 | 0.52 | 0.82 | 0.22 | 0.21 | 0.01 | -5.69 | -5.61 |
| 0.356 | 0.61 | 0.95 | 0.25 | 0.26 | 0.26 | -5.12 | -5.46 |
| 0.480 | 0.65 | 1.20 | 0.30 | 0.34 | 0.04 | -4.87 | -4.25 |
| 0.625 | 0.74 | 1.55 | 0.34 | 0.38 | 0.08 | -4.88 | -5.11 |
| 0.787 | 1.12 | 2.34 | 0.38 | 0.45 | 0.15 | -4.14 | -6.23 |
| 0.903 | 1.78 | 4.22 | 0.46 | 0.54 | 0.33 | -4.04 | -6.54 |
| 1.000 | 11.33 | 11.33 |  |  |  |  |  |
| ***5.0% PG*** | | | | | | | |
| 0.000 | 0.65 | 0.65 |  |  |  |  |  |
| 0.156 | 0.42 | 0.74 | 0.24 | 0.24 | 0.01 | -6.25 | -6.61 |
| 0.356 | 0.48 | 0.95 | 0.25 | 0.28 | 0.03 | -5.52 | -6.01 |
| 0.480 | 0.51 | 1.08 | 0.26 | 0.31 | 0.04 | -5.27 | -5.36 |
| 0.625 | 0.65 | 1.41 | 0.28 | 0.36 | 0.07 | -4.60 | -5.30 |
| 0.787 | 0.95 | 2.14 | 0.38 | 0.39 | 0.14 | -4.59 | -5.77 |
| 0.903 | 1.45 | 3.93 | 0.45 | 0.46 | 0.31 | -4.48 | -5.40 |
| 1.000 | 11.25 | 11.25 |  |  |  |  |  |
| ***12-2-12 + TTAB*** | | | | | | | |
| ***2.5% PG*** | | | | | | | |
| 0.000 | 0.72 | 0.72 |  |  |  |  |  |
| 0.156 | 0.64 | 0.79 | 0.46 | 0.44 | 0.44 | -1.06 | -1.01 |
| 0.356 | 0.68 | 0.89 | 0.63 | 0.62 | 0.67 | -0.98 | -1.45 |
| 0.480 | 0.75 | 1.02 | 0.72 | 0.72 | 0.79 | -1.24 | -2.15 |
| 0.625 | 0.98 | 1.21 | 0.74 | 0.76 | 0.87 | -2.01 | -2.64 |
| 0.787 | 1.40 | 1.52 | 0.81 | 0.80 | 0.93 | -2.62 | -3.25 |
| 0.903 | 1.62 | 2.07 | 0.86 | 0.86 | 0.97 | -2.64 | -4.52 |
| 1.000 | 3.13 | 3.13 |  |  |  |  |  |
| ***5.0% PG*** | | | | | | | |
| 0.000 | 0.65 | 0.65 |  |  |  |  |  |
| 0.156 | 0.62 | 0.71 | 0.88 | 0.83 | 0.97 | -2.52 | -3.71 |
| 0.356 | 0.58 | 0.80 | 0.78 | 0.77 | 0.93 | -3.08 | -3.28 |
| 0.480 | 0.64 | 0.93 | 0.73 | 0.73 | 0.88 | -2.39 | -2.20 |
| 0.625 | 0.90 | 1.10 | 0.72 | 0.71 | 0.80 | -1.22 | -1.45 |
| 0.787 | 1.15 | 1.40 | 0.64 | 0.62 | 0.68 | -0.98 | -1.03 |
| 0.903 | 1.43 | 1.93 | 0.48 | 0.47 | 0.45 | -1.31 | -1.42 |
| 1.000 | 3.00 | 3.00 |  |  |  |  |  |
| ***12-2-12 + CTAB*** | | | | | | | |
| ***2.5% PG*** | | | | | | | |
| 0.000 | 0.72 | 0.72 |  |  |  |  |  |
| 0.156 | 0.62 | 0.73 | 0.25 | 0.20 | 0.15 | -0.45 | -0.45 |
| 0.356 | 0.61 | 0.75 | 0.43 | 0.35 | 0.29 | -0.25 | -0.89 |
| 0.480 | 0.65 | 0.76 | 0.52 | 0.46 | 0.47 | -0.46 | -1.12 |
| 0.625 | 0.64 | 0.78 | 0.65 | 0.57 | 0.60 | -0.75 | -2.25 |
| 0.787 | 0.67 | 0.80 | 0.78 | 0.66 | 0.77 | -1.25 | -1.45 |
| 0.903 | 0.75 | 0.81 | 0.81 | 0.80 | 0.90 | -2.13 | -2.13 |
| 1.000 | 0.83 | 0.83 |  |  |  |  |  |
| ***5.0% PG*** | | | | | | | |
| 0.000 | 0.65 | 0.65 |  |  |  |  |  |
| 0.156 | 0.52 | 0.66 | 0.79 | 0.74 | 0.91 | -2.10 | -1.95 |
| 0.356 | 0.55 | 0.68 | 0.73 | 0.65 | 0.79 | -1.38 | -1.75 |
| 0.480 | 0.58 | 0.71 | 0.63 | 0.54 | 0.62 | -0.95 | -1.63 |
| 0.625 | 0.62 | 0.74 | 0.53 | 0.45 | 0.49 | -0.66 | -1.11 |
| 0.787 | 0.65 | 0.77 | 0.41 | 0.32 | 0.32 | -0.71 | -0.96 |
| 0.903 | 0.72 | 0.79 | 0.24 | 0.18 | 0.16 | -0.63 | -0.76 |
| 1.000 | 0.82 | 0.82 |  |  |  |  |  |
| ***14-2-14 + DTAB*** | | | | | | | |
| ***2.5% PG*** | | | | | | | |
| 0.000 | 0.11 | 0.11 |  |  |  |  |  |
| 0.156 | 0.08 | 0.12 | 0.18 | 0.11 | 0.00 | -7.14 | -7.45 |
| 0.356 | 0.10 | 0.14 | 0.15 | 0.15 | 0.16 | -5.26 | -7.58 |
| 0.480 | 0.12 | 0.18 | 0.16 | 0.13 | 0.00 | -5.46 | -6.25 |
| 0.625 | 0.16 | 0.24 | 0.16 | 0.17 | 0.01 | -4.88 | -5.25 |
| 0.787 | 0.32 | 0.39 | 0.23 | 0.25 | 0.02 | -3.95 | -6.12 |
| 0.903 | 0.58 | 0.76 | 0.29 | 0.34 | 0.05 | -3.56 | -4.52 |
| 1.000 | 11.33 | 11.33 |  |  |  |  |  |
| ***5.0% PG*** | | | | | | | |
| 0.000 | 0.08 | 0.08 |  |  |  |  |  |
| 0.156 | 0.07 | 0.09 | 0.14 | 0.14 | 0.01 | -6.68 | -6.71 |
| 0.356 | 0.08 | 0.11 | 0.14 | 0.15 | 0.01 | -6.25 | -6.72 |
| 0.480 | 0.09 | 0.14 | 0.15 | 0.15 | 0.01 | -5.55 | -5.63 |
| 0.625 | 0.12 | 0.19 | 0.16 | 0.17 | 0.01 | -4.88 | -5.17 |
| 0.787 | 0.19 | 0.30 | 0.26 | 0.30 | 0.02 | -5.37 | -6.91 |
| 0.903 | 0.29 | 0.59 | 0.34 | 0.36 | 0.04 | -6.13 | -7.43 |
| 1.000 | 11.25 | 11.25 |  |  |  |  |  |
| ***14-2-14 + TTAB*** | | | | | | | |
| ***2.5% PG*** | | | | | | | |
| 0.000 | 0.11 | 0.11 |  |  |  |  |  |
| 0.156 | 0.08 | 0.12 | 0.67 | 0.54 | 0.84 | -2.72 | -4.23 |
| 0.356 | 0.09 | 0.14 | 0.76 | 0.65 | 0.93 | -2.98 | -4.15 |
| 0.480 | 0.10 | 0.16 | 0.78 | 0.75 | 0.96 | -3.62 | -3.25 |
| 0.625 | 0.15 | 0.21 | 0.82 | 0.81 | 0.98 | -4.01 | -4.26 |
| 0.787 | 0.22 | 0.32 | 0.87 | 0.88 | 0.99 | -3.65 | -5.15 |
| 0.903 | 0.36 | 0.57 | 0.94 | 0.91 | 0.99 | -3.21 | -5.85 |
| 1.000 | 3.13 | 3.13 |  |  |  |  |  |
| ***5.0% PG*** | | | | | | | |
| 0.000 | 0.08 | 0.08 |  |  |  |  |  |
| 0.156 | 0.08 | 0.09 | 0.70 | 0.58 | 0.87 | -2.48 | -5.34 |
| 0.356 | 0.09 | 0.10 | 0.83 | 0.68 | 0.94 | -2.27 | -4.06 |
| 0.480 | 0.09 | 0.12 | 0.78 | 0.70 | 0.97 | -4.18 | -5.79 |
| 0.625 | 0.11 | 0.16 | 0.82 | 0.75 | 0.98 | -4.01 | -6.32 |
| 0.787 | 0.20 | 0.25 | 0.89 | 0.80 | 0.99 | -4.68 | -6.65 |
| 0.903 | 0.31 | 0.45 | 0.91 | 0.85 | 0.99 | -4.92 | -8.50 |
| 1.000 | 3.00 | 3.00 |  |  |  |  |  |
| ***14-2-14 + CTAB*** | | | | | | | |
| ***2.5% PG*** | | | | | | | |
| 0.000 | 0.11 | 0.11 |  |  |  |  |  |
| 0.156 | 0.07 | 0.12 | 0.53 | 0.48 | 0.52 | -2.24 | -3.42 |
| 0.356 | 0.09 | 0.14 | 0.66 | 0.55 | 0.72 | -1.93 | -3.15 |
| 0.480 | 0.11 | 0.17 | 0.72 | 0.66 | 0.84 | -2.54 | -4.15 |
| 0.625 | 0.12 | 0.22 | 0.78 | 0.75 | 0.91 | -2.77 | -4.62 |
| 0.787 | 0.16 | 0.31 | 0.82 | 0.78 | 0.95 | -3.45 | -4.25 |
| 0.903 | 0.21 | 0.45 | 0.85 | 0.81 | 0.98 | -4.76 | -5.86 |
| 1.000 | 0.83 | 0.83 |  |  |  |  |  |
| ***5.0% PG*** | | | | | | | |
| 0.000 | 0.08 | 0.08 |  |  |  |  |  |
| 0.156 | 0.04 | 0.09 | 0.88 | 0.73 | 0.98 | -2.94 | -7.07 |
| 0.356 | 0.05 | 0.11 | 0.88 | 0.71 | 0.95 | -2.44 | -5.76 |
| 0.480 | 0.08 | 0.15 | 0.76 | 0.71 | 0.91 | -2.55 | -4.03 |
| 0.625 | 0.11 | 0.19 | 0.69 | 0.67 | 0.85 | -2.59 | -3.07 |
| 0.787 | 0.18 | 0.29 | 0.63 | 0.63 | 0.72 | -1.73 | -2.02 |
| 0.903 | 0.22 | 0.43 | 0.52 | 0.52 | 0.53 | -2.02 | -2.50 |
| 1.000 | 0.82 | 0.82 |  |  |  |  |  |
| ***10-2-10 + DTAB*** | | | | | | | |
| ***2.5% Gly*** | | | | | | | |
| 0.000 | 5.55 | 5.55 |  |  |  |  |  |
| 0.156 | 6.58 | 5.94 | 0.15 | 0.25 | 0.20 | 0.23 | -1.25 |
| 0.356 | 6.85 | 6.35 | 0.18 | 0.26 | 0.21 | 0.31 | -0.56 |
| 0.480 | 7.54 | 7.12 | 0.23 | 0.36 | 0.25 | 0.32 | -0.94 |
| 0.625 | 8.26 | 7.90 | 0.37 | 0.56 | 0.38 | 0.22 | -0.56 |
| 0.787 | 9.27 | 9.08 | 0.57 | 0.78 | 0.58 | 0.18 | -1.25 |
| 0.903 | 9.56 | 10.27 | 0.75 | 0.89 | 0.77 | -0.56 | -1.87 |
| 1.000 | 11.62 | 11.62 |  |  |  |  |  |
| ***5.0% Gly*** | | | | | | | |
| 0.000 | 5.41 | 5.41 |  |  |  |  |  |
| 0.156 | 6.33 | 5.79 | 0.10 | 0.12 | 0.21 | 0.64 | -0.71 |
| 0.356 | 6.82 | 5.99 | 0.10 | 0.14 | 0.23 | 0.79 | -0.54 |
| 0.480 | 7.14 | 6.94 | 0.11 | 0.18 | 0.26 | 0.76 | -0.65 |
| 0.625 | 7.56 | 7.70 | 0.28 | 0.28 | 0.38 | -0.47 | -1.45 |
| 0.787 | 8.14 | 8.84 | 0.36 | 0.72 | 0.58 | -0.65 | -1.12 |
| 0.903 | 9.15 | 10.01 | 0.77 | 0.75 | 0.78 | -0.86 | -1.25 |
| 1.000 | 11.32 | 11.32 |  |  |  |  |  |
| ***10-2-10 + TTAB*** | | | | | | | |
| ***2.5% Gly*** | | | | | | | |
| 0.000 | 5.55 | 5.55 |  |  |  |  |  |
| 0.156 | 4.46 | 5.00 | 0.28 | 0.26 | 0.23 | -0.68 | -1.21 |
| 0.356 | 4.12 | 4.61 | 0.45 | 0.44 | 0.43 | -0.50 | -0.98 |
| 0.480 | 3.88 | 4.24 | 0.59 | 0.58 | 0.60 | -0.45 | -0.75 |
| 0.625 | 3.63 | 3.98 | 0.70 | 0.67 | 0.73 | -0.65 | -1.25 |
| 0.787 | 3.48 | 3.72 | 0.82 | 0.84 | 0.85 | -0.91 | -1.65 |
| 0.903 | 3.38 | 3.54 | 0.90 | 0.91 | 0.90 | -0.88 | -1.84 |
| 1.000 | 3.41 | 3.41 |  |  |  |  |  |
| ***5.0% Gly*** | | | | | | | |
| 0.000 | 5.41 | 5.41 |  |  |  |  |  |
| 0.156 | 4.19 | 4.92 | 0.33 | 0.27 | 0.23 | -0.95 | -0.98 |
| 0.356 | 3.96 | 4.49 | 0.48 | 0.42 | 0.43 | -0.78 | -0.75 |
| 0.480 | 3.74 | 4.14 | 0.59 | 0.55 | 0.61 | -0.45 | -0.47 |
| 0.625 | 3.46 | 3.88 | 0.65 | 0.66 | 0.73 | -1.25 | -1.25 |
| 0.787 | 3.34 | 3.64 | 0.77 | 0.79 | 0.85 | -0.84 | -1.14 |
| 0.903 | 3.27 | 3.45 | 0.84 | 0.85 | 0.94 | -0.65 | -1.85 |
| 1.000 | 3.33 | 3.33 |  |  |  |  |  |
| ***10-2-10 + CTAB*** | | | | | | | |
| ***2.5% Gly*** | | | | | | | |
| 0.000 | 5.55 | 5.55 |  |  |  |  |  |
| 0.156 | 2.41 | 2.97 | 0.53 | 0.52 | 0.54 | -0.99 | -2.15 |
| 0.356 | 1.64 | 1.98 | 0.69 | 0.66 | 0.75 | -1.55 | -2.61 |
| 0.480 | 1.34 | 1.49 | 0.79 | 0.74 | 0.86 | -0.97 | -3.18 |
| 0.625 | 1.11 | 1.24 | 0.84 | 0.84 | 0.91 | -1.44 | -3.02 |
| 0.787 | 0.94 | 1.03 | 0.89 | 0.89 | 0.96 | -2.58 | -2.14 |
| 0.903 | 0.86 | 0.92 | 0.93 | 0.92 | 0.98 | -2.30 | -4.51 |
| 1.000 | 0.85 | 0.85 |  |  |  |  |  |
| ***5.0% Gly*** | | | | | | | |
| 0.000 | 5.41 | 5.41 |  |  |  |  |  |
| 0.156 | 2.12 | 2.88 | 0.52 | 0.48 | 0.55 | -1.45 | -1.89 |
| 0.356 | 1.54 | 1.91 | 0.60 | 0.52 | 0.76 | -1.62 | -2.54 |
| 0.480 | 1.28 | 1.44 | 0.72 | 0.60 | 0.86 | -1.87 | -2.16 |
| 0.625 | 1.01 | 1.19 | 0.77 | 0.70 | 0.91 | -2.54 | -3.14 |
| 0.787 | 0.88 | 0.99 | 0.83 | 0.77 | 0.96 | -2.48 | -2.50 |
| 0.903 | 0.81 | 0.88 | 0.84 | 0.82 | 0.98 | -1.45 | -3.58 |
| 1.000 | 0.82 | 0.82 |  |  |  |  |  |
| ***12-2-12 + DTAB*** | | | | | | | |
| ***2.5% Gly*** | | | | | | | |
| 0.000 | 0.84 | 0.84 |  |  |  |  |  |
| 0.156 | 0.64 | 0.95 | 0.21 | 0.21 | 0.01 | -5.14 | -4.15 |
| 0.356 | 0.75 | 1.25 | 0.22 | 0.23 | 0.04 | -3.26 | -4.12 |
| 0.480 | 0.84 | 1.39 | 0.22 | 0.24 | 0.05 | -4.21 | -3.18 |
| 0.625 | 1.12 | 1.79 | 0.31 | 0.27 | 0.08 | -3.35 | -3.58 |
| 0.787 | 1.45 | 2.67 | 0.38 | 0.33 | 0.17 | -3.25 | -4.75 |
| 0.903 | 2.76 | 4.71 | 0.46 | 0.48 | 0.35 | -2.63 | -6.25 |
| 1.000 | 11.62 | 11.62 |  |  |  |  |  |
| ***5.0% Gly*** | | | | | | | |
| 0.000 | 0.77 | 0.77 |  |  |  |  |  |
| 0.156 | 0.55 | 0.87 | 0.16 | 0.17 | 0.01 | -3.65 | -3.58 |
| 0.356 | 0.66 | 1.02 | 0.20 | 0.19 | 0.03 | -3.29 | -3.69 |
| 0.480 | 0.76 | 1.27 | 0.24 | 0.24 | 0.05 | -2.54 | -4.47 |
| 0.625 | 0.98 | 1.65 | 0.27 | 0.28 | 0.08 | -3.46 | -3.25 |
| 0.787 | 1.18 | 2.47 | 0.34 | 0.36 | 0.16 | -3.84 | -3.61 |
| 0.903 | 2.45 | 4.41 | 0.43 | 0.44 | 0.34 | -2.14 | -5.86 |
| 1.000 | 11.32 | 11.32 |  |  |  |  |  |
| ***12-2-12 + TTAB*** | | | | | | | |
| ***2.5% Gly*** | | | | | | | |
| 0.000 | 0.84 | 0.84 |  |  |  |  |  |
| 0.156 | 0.79 | 0.92 | 0.45 | 0.41 | 0.42 | -1.07 | -2.56 |
| 0.356 | 0.84 | 1.03 | 0.62 | 0.58 | 0.65 | -0.89 | -2.48 |
| 0.480 | 0.98 | 1.18 | 0.72 | 0.68 | 0.78 | -1.05 | -1.59 |
| 0.625 | 1.16 | 1.39 | 0.78 | 0.76 | 0.86 | -1.55 | -1.62 |
| 0.787 | 1.43 | 1.73 | 0.83 | 0.85 | 0.92 | -2.14 | -2.48 |
| 0.903 | 1.82 | 2.32 | 0.88 | 0.91 | 0.96 | -2.70 | -3.26 |
| 1.000 | 3.41 | 3.41 |  |  |  |  |  |
| ***5.0% Gly*** | | | | | | | |
| 0.000 | 0.77 | 0.77 |  |  |  |  |  |
| 0.156 | 0.74 | 0.84 | 0.34 | 0.31 | 0.44 | -0.56 | -1.56 |
| 0.356 | 0.76 | 0.95 | 0.45 | 0.56 | 0.67 | -0.27 | -1.48 |
| 0.480 | 0.84 | 1.09 | 0.57 | 0.64 | 0.79 | -0.78 | -2.57 |
| 0.625 | 1.10 | 1.29 | 0.68 | 0.75 | 0.87 | -0.36 | -2.18 |
| 0.787 | 1.31 | 1.62 | 0.76 | 0.84 | 0.93 | -1.54 | -1.46 |
| 0.903 | 1.64 | 2.20 | 0.94 | 0.88 | 0.97 | -1.34 | -1.05 |
| 1.000 | 3.33 | 3.33 |  |  |  |  |  |
| ***12-2-12 + CTAB*** | | | | | | | |
| ***2.5% Gly*** | | | | | | | |
| 0.000 | 0.84 | 0.84 |  |  |  |  |  |
| 0.156 | 0.75 | 0.84 | 0.25 | 0.25 | 0.13 | -0.23 | -0.56 |
| 0.356 | 0.72 | 0.84 | 0.32 | 0.41 | 0.27 | -0.15 | -0.91 |
| 0.480 | 0.74 | 0.84 | 0.45 | 0.65 | 0.43 | -0.89 | -0.87 |
| 0.625 | 0.73 | 0.84 | 0.56 | 0.75 | 0.57 | -0.45 | -0.95 |
| 0.787 | 0.71 | 0.84 | 0.63 | 0.84 | 0.74 | -0.75 | -1.24 |
| 0.903 | 0.68 | 0.84 | 0.75 | 0.88 | 0.88 | -1.25 | -1.85 |
| 1.000 | 0.85 | 0.85 |  |  |  |  |  |
| ***5.0% Gly*** | | | | | | | |
| 0.000 | 0.77 | 0.77 |  |  |  |  |  |
| 0.156 | 0.62 | 0.78 | 0.26 | 0.22 | 0.14 | -0.56 | -1.11 |
| 0.356 | 0.63 | 0.78 | 0.27 | 0.28 | 0.26 | -0.72 | -1.41 |
| 0.480 | 0.65 | 0.78 | 0.31 | 0.36 | 0.28 | -1.14 | -1.48 |
| 0.625 | 0.67 | 0.79 | 0.49 | 0.48 | 0.45 | -0.78 | -1.25 |
| 0.787 | 0.69 | 0.80 | 0.57 | 0.57 | 0.58 | -0.84 | -0.75 |
| 0.903 | 0.72 | 0.81 | 0.72 | 0.66 | 0.75 | -0.61 | -0.62 |
| 1.000 | 0.82 | 0.82 |  |  |  |  |  |
| ***14-2-14 + DTAB*** | | | | | | | |
| ***2.5% Gly*** | | | | | | | |
| 0.000 | 0.14 | 0.14 |  |  |  |  |  |
| 0.156 | 0.12 | 0.16 | 0.16 | 0.11 | 0.00 | -6.57 | -6.15 |
| 0.356 | 0.15 | 0.12 | 0.14 | 0.16 | 0.12 | -4.12 | -4.56 |
| 0.480 | 0.18 | 0.22 | 0.10 | 0.15 | 0.01 | -3.70 | -7.45 |
| 0.625 | 0.24 | 0.31 | 0.16 | 0.16 | 0.01 | -3.12 | -6.14 |
| 0.787 | 0.37 | 0.50 | 0.20 | 0.18 | 0.03 | -3.36 | -5.28 |
| 0.903 | 0.64 | 0.95 | 0.25 | 0.21 | 0.07 | -2.95 | -4.65 |
| 1.000 | 11.62 | 11.62 |  |  |  |  |  |
| ***5.0% Gly*** | | | | | | | |
| 0.000 | 0.10 | 0.10 |  |  |  |  |  |
| 0.156 | 0.10 | 0.11 | 0.25 | 0.22 | 0.01 | -6.25 | -8.15 |
| 0.356 | 0.12 | 0.15 | 0.24 | 0.28 | 0.01 | -6.39 | -7.21 |
| 0.480 | 0.16 | 0.16 | 0.29 | 0.31 | 0.01 | -6.74 | -7.15 |
| 0.625 | 0.24 | 0.22 | 0.37 | 0.35 | 0.01 | -2.54 | -6.54 |
| 0.787 | 0.33 | 0.35 | 0.42 | 0.45 | 0.02 | -4.83 | -6.25 |
| 0.903 | 0.50 | 0.68 | 0.44 | 0.55 | 0.05 | -4.12 | -4.12 |
| 1.000 | 11.32 | 11.32 |  |  |  |  |  |
| ***14-2-14* + *TTAB*** | | | | | | | |
| ***2.5% Gly*** | | | | | | | |
| 0.000 | 0.14 | 0.14 |  |  |  |  |  |
| 0.156 | 0.13 | 0.15 | 0.66 | 0.55 | 0.86 | -2.67 | -4.56 |
| 0.356 | 0.13 | 0.17 | 0.74 | 0.64 | 0.94 | -3.21 | -4.21 |
| 0.480 | 0.14 | 0.20 | 0.78 | 0.78 | 0.97 | -3.83 | -5.12 |
| 0.625 | 0.18 | 0.27 | 0.79 | 0.84 | 0.98 | -4.54 | -5.61 |
| 0.787 | 0.26 | 0.40 | 0.84 | 0.86 | 0.99 | -4.60 | -4.87 |
| 0.903 | 0.45 | 0.71 | 0.88 | 0.89 | 0.99 | -3.47 | -6.97 |
| 1.000 | 3.41 | 3.41 |  |  |  |  |  |
| ***5.0% Gly*** | | | | | | | |
| 0.000 | 0.10 | 0.10 |  |  |  |  |  |
| 0.156 | 0.09 | 0.11 | 0.55 | 0.49 | 0.87 | -2.65 | -3.56 |
| 0.356 | 0.10 | 0.12 | 0.76 | 0.61 | 0.94 | -3.14 | -3.47 |
| 0.480 | 0.12 | 0.14 | 0.84 | 0.75 | 0.97 | -2.51 | -2.15 |
| 0.625 | 0.16 | 0.19 | 0.92 | 0.78 | 0.98 | -2.14 | -5.84 |
| 0.787 | 0.24 | 0.29 | 0.95 | 0.82 | 0.99 | -1.84 | -6.14 |
| 0.903 | 0.38 | 0.52 | 0.96 | 0.86 | 0.99 | -3.47 | -6.97 |
| 1.000 | 3.33 | 3.33 |  |  |  |  |  |
| ***14-2-14 + CTAB*** | | | | | | | |
| ***2.5% Gly*** | | | | | | | |
| 0.000 | 0.14 | 0.14 |  |  |  |  |  |
| 0.156 | 0.11 | 0.16 | 0.52 | 0.51 | 0.52 | -1.01 | -2.46 |
| 0.356 | 0.13 | 0.18 | 0.66 | 0.64 | 0.72 | -1.24 | -2.15 |
| 0.480 | 0.14 | 0.22 | 0.70 | 0.68 | 0.84 | -2.43 | -3.25 |
| 0.625 | 0.16 | 0.28 | 0.76 | 0.75 | 0.90 | -2.80 | -3.01 |
| 0.787 | 0.25 | 0.38 | 0.82 | 0.80 | 0.95 | -2.89 | -2.31 |
| 0.903 | 0.38 | 0.53 | 0.84 | 0.84 | 0.98 | -3.94 | -4.58 |
| 1.000 | 0.85 | 0.85 |  |  |  |  |  |
| ***5.0% Gly*** | | | | | | | |
| 0.000 | 0.10 | 0.10 |  |  |  |  |  |
| 0.156 | 0.07 | 0.11 | 0.52 | 0.53 | 0.52 | -2.42 | -2.75 |
| 0.356 | 0.05 | 0.13 | 0.63 | 0.63 | 0.72 | -2.02 | -2.22 |
| 0.480 | 0.09 | 0.16 | 0.70 | 0.70 | 0.84 | -2.66 | -2.79 |
| 0.625 | 0.13 | 0.21 | 0.71 | 0.71 | 0.91 | -3.49 | -3.97 |
| 0.787 | 0.19 | 0.29 | 0.70 | 0.70 | 0.95 | -6.26 | -6.16 |
| 0.903 | 0.25 | 0.44 | 0.78 | 0.79 | 0.98 | -5.27 | -5.18 |
| 1.000 | 0.82 | 0.82 |  |  |  |  |  |

**Table S5: Maximum surface excess concentration (Γmax), experimental and ideal values of minimum area per molecule (Amin, Aidmin), CMC and surface concentration ratio (C´m/C20) and surface pressure at CMC (ΠCMC), Standard free energies of micellization, adsorption and at the air-water interface (ΔG´om, ΔGoad, G(s)min)** **and packing parameter (P\*)** **for the mixtures of monomeric and gemini surfactants in aqueous and aqueous solvent solutions at 298.15 K using surface tension measurements at different mole fractions of monomeric surfactant (α).**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **α** | **Γmax ⋅ 106 (mol m-2)** | **Amin**  **(Å2 molecule-1)** | **Aidmin**  **(Å2 molecule-1)** | **C´m/C20** | П**CMC**  **(mN m-1)** | **G(s)min**  **(kJ mol-1)** | **ΔG´om**  **(kJ mol-1)** | **ΔGoad**  **(kJ mol-1)** | **P\*** |
| ***Water*** | | | | | | | | | |
| ***10-2-10 + TTAB*** | | | | | | | | | |
| 0.000 | 1.30 | 127.59 |  | 3.76 | 44.48 | 23.90 | -22.69 | -61.46 | 0.32 |
| 0.156 | 1.06 | 156.70 | 163.73 | 2.69 | 43.49 | 26.81 | -23.49 | -64.54 | 0.23 |
| 0.356 | 1.17 | 141.83 | 171.56 | 2.49 | 42.15 | 25.16 | -23.59 | -59.60 | 0.30 |
| 0.480 | 1.03 | 160.44 | 181.62 | 2.16 | 41.25 | 29.23 | -23.79 | -63.65 | 0.36 |
| 0.625 | 0.93 | 177.59 | 192.81 | 1.79 | 39.55 | 34.17 | -24.08 | -66.38 | 0.39 |
| 0.787 | 0.84 | 196.78 | 207.34 | 2.09 | 40.49 | 37.34 | -24.15 | -72.15 | 0.43 |
| 0.903 | 0.71 | 233.04 | 225.24 | 1.73 | 39.28 | 45.78 | -24.21 | -79.34 | 0.47 |
| 1.000 | 1.40 | 118.29 |  | 2.37 | 27.15 | 38.99 | -23.86 | -65.81 | 0.18 |
| ***10-2-10 + CTAB*** | | | | | | | | | |
| 0.000 | 1.30 | 127.59 |  | 3.76 | 44.48 | 23.90 | -22.69 | -61.46 | 0.32 |
| 0.156 | 1.04 | 160.09 | 142.72 | 4.11 | 37.85 | 32.73 | -25.50 | -62.00 | 0.35 |
| 0.356 | 1.28 | 129.63 | 142.36 | 3.09 | 38.13 | 26.44 | -26.21 | -55.98 | 0.40 |
| 0.480 | 1.09 | 152.67 | 141.91 | 4.41 | 37.35 | 31.49 | -26.65 | -61.00 | 0.44 |
| 0.625 | 1.01 | 165.03 | 141.24 | 2.30 | 38.24 | 33.55 | -27.16 | -65.17 | 0.45 |
| 0.787 | 1.67 | 99.57 | 140.68 | 2.17 | 37.38 | 20.64 | -27.42 | -49.84 | 0.47 |
| 0.903 | 1.64 | 101.42 | 139.34 | 3.04 | 37.42 | 21.06 | -27.96 | -50.82 | 0.47 |
| 1.000 | 1.26 | 131.44 |  | 2.64 | 27.29 | 35.90 | -27.43 | -49.38 | 0.16 |
| ***12-2-12 + TTAB*** | | | | | | | | | |
| 0.000 | 1.19 | 139.55 |  | 4.42 | 45.39 | 20.28 | -27.63 | -62.50 | 0.30 |
| 0.156 | 1.29 | 128.12 | 127.54 | 4.32 | 44.35 | 21.18 | -28.15 | -62.37 | 0.31 |
| 0.356 | 1.20 | 138.08 | 183.54 | 3.67 | 45.16 | 22.07 | -27.97 | -65.53 | 0.45 |
| 0.480 | 1.24 | 134.07 | 179.12 | 3.53 | 46.61 | 20.10 | -27.59 | -65.23 | 0.51 |
| 0.625 | 1.18 | 140.36 | 176.91 | 3.25 | 46.24 | 21.27 | -27.31 | -66.40 | 0.56 |
| 0.787 | 1.23 | 135.16 | 171.75 | 3.83 | 47.25 | 19.82 | -26.49 | -64.96 | 0.58 |
| 0.903 | 1.10 | 150.39 | 162.91 | 4.34 | 45.49 | 23.92 | -26.26 | -67.47 | 0.61 |
| 1.000 | 1.40 | 118.29 |  | 2.37 | 27.15 | 38.99 | -23.85 | -65.81 | 0.18 |
| ***12-2-12 + CTAB*** | | | | | | | | | |
| 0.000 | 1.19 | 139.55 |  | 4.42 | 45.39 | 20.28 | -27.63 | -62.50 | 0.30 |
| 0.156 | 1.22 | 135.78 | 129.15 | 5.38 | 43.85 | 23.03 | -28.12 | -63.98 | 0.27 |
| 0.356 | 1.24 | 133.81 | 129.63 | 5.40 | 43.49 | 22.89 | -28.07 | -63.12 | 0.32 |
| 0.480 | 1.36 | 121.92 | 130.34 | 4.05 | 41.30 | 22.54 | -28.18 | -58.51 | 0.39 |
| 0.625 | 1.24 | 133.63 | 130.82 | 3.86 | 41.63 | 24.44 | -28.22 | -61.73 | 0.43 |
| 0.787 | 1.14 | 146.06 | 131.60 | 5.19 | 41.70 | 26.56 | -28.03 | -64.72 | 0.49 |
| 0.903 | 1.03 | 160.81 | 132.37 | 5.54 | 41.40 | 29.44 | -27.92 | -68.03 | 0.54 |
| 1.000 | 1.26 | 131.44 |  | 2.64 | 27.29 | 35.90 | -27.43 | -49.38 | 0.16 |
| ***14-2-14 + TTAB*** | | | | | | | | | |
| 0.000 | 1.15 | 144.50 |  | 10.06 | 29.98 | 33.59 | -31.76 | -55.82 | 0.29 |
| 0.156 | 0.71 | 234.59 | 161.58 | 11.60 | 31.65 | 56.02 | -33.13 | -77.85 | 0.53 |
| 0.356 | 0.84 | 195.85 | 164.04 | 12.53 | 34.68 | 43.08 | -32.57 | -73.48 | 0.57 |
| 0.480 | 1.56 | 106.12 | 164.04 | 9.42 | 36.92 | 22.16 | -32.48 | -56.08 | 0.61 |
| 0.625 | 1.01 | 164.91 | 170.21 | 5.68 | 36.54 | 35.02 | -32.23 | -68.53 | 0.66 |
| 0.787 | 1.13 | 146.06 | 170.21 | 4.00 | 33.54 | 33.09 | -30.78 | -60.33 | 0.66 |
| 0.903 | 1.08 | 153.94 | 180.08 | 3.30 | 33.04 | 35.75 | -29.59 | -60.22 | 0.66 |
| 1.000 | 1.40 | 118.29 |  | 2.37 | 27.15 | 38.99 | -23.85 | -65.81 | 0.18 |
| ***14-2-14 + CTAB*** | | | | | | | | | |
| 0.000 | 1.15 | 144.50 |  | 10.06 | 29.98 | 33.59 | -31.76 | -55.82 | 0.29 |
| 0.156 | 1.01 | 163.81 | 133.26 | 10.14 | 41.05 | 29.84 | -31.92 | -72.42 | 0.46 |
| 0.356 | 0.87 | 190.09 | 133.27 | 9.05 | 42.34 | 32.81 | -31.57 | -80.05 | 0.53 |
| 0.480 | 1.78 | 93.38 | 133.28 | 10.40 | 40.55 | 17.01 | -31.68 | -54.49 | 0.56 |
| 0.625 | 1.70 | 97.77 | 133.30 | 12.69 | 40.53 | 17.88 | -31.54 | -55.41 | 0.61 |
| 0.787 | 0.96 | 173.41 | 133.32 | 14.06 | 41.09 | 30.51 | -30.62 | -73.54 | 0.68 |
| 0.903 | 0.87 | 191.46 | 133.35 | 12.16 | 40.76 | 33.72 | -30.03 | -77.03 | 0.68 |
| 1.000 | 1.26 | 131.44 |  | 2.64 | 27.29 | 35.90 | -27.43 | -49.38 | 0.15 |
| ***10-2-10 + DTAB*** | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | |
| 0.000 | 1.71 | 97.23 |  | 1.94 | 31.06 | 17.65 | -23.11 | -41.30 | 0.43 |
| 0.156 | 1.58 | 104.97 | 95.04 | 1.14 | 31.44 | 18.87 | -23.93 | -43.81 | 0.26 |
| 0.356 | 1.53 | 108.47 | 94.76 | 1.25 | 3125 | 19.56 | -25.46 | -44.15 | 0.30 |
| 0.480 | 1.48 | 112.15 | 94.19 | 1.31 | 31.85 | 19.89 | -23.25 | -44.76 | 0.31 |
| 0.625 | 1.28 | 129.26 | 93.56 | 1.28 | 31.34 | 23.24 | -22.54 | -46.94 | 0.34 |
| 0.787 | 1.26 | 131.95 | 92.47 | 1.43 | 31.73 | 23.42 | -22.10 | -47.31 | 0.39 |
| 0.903 | 1.62 | 102.28 | 91.77 | 1.48 | 31.55 | 18.32 | -21.91 | -41.35 | 0.44 |
| 1.000 | 1.85 | 89.43 |  | 2.60 | 28.65 | 26.46 | -21.20 | -36.64 | 0.25 |
| ***5.0% PrOH*** | | | | | | | | | |
| 0.000 | 1.29 | 128.97 |  | 1.98 | 21.48 | 21.30 | -23.50 | -40.19 | 0.32 |
| 0.156 | 1.14 | 144.65 | 144.65 | 1.50 | 21.28 | 23.45 | -24.48 | -43.02 | 0.34 |
| 0.356 | 1.12 | 156.42 | 136.41 | 1.45 | 21.38 | 23.78 | -24.02 | -43.11 | 0.35 |
| 0.480 | 1.10 | 149.99 | 122.44 | 1.39 | 21.59 | 24.13 | -23.71 | -43.21 | 0.35 |
| 0.625 | 1.11 | 149.30 | 112.20 | 1.34 | 21.10 | 24.64 | -23.20 | -42.17 | 0.36 |
| 0.787 | 1.15 | 143.87 | 106.22 | 2.07 | 20.92 | 23.98 | -22.50 | -40.63 | 0.39 |
| 0.903 | 1.94 | 85.43 | 96.83 | 1.57 | 19.06 | 15.25 | -22.04 | -31.85 | 0.44 |
| 1.000 | 2.80 | 59.25 |  | 3.83 | 16.88 | 11.43 | -21.28 | -27.30 | 0.35 |
| ***10-2-10 + TTAB*** | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | |
| 0.000 | 1.71 | 97.23 |  | 1.94 | 31.06 | 17.65 | -23.11 | -41.30 | 0.43 |
| 0.156 | 1.42 | 116.52 | 90.33 | 2.24 | 32.46 | 20.94 | -24.14 | -46.93 | 0.34 |
| 0.356 | 1.74 | 95.27 | 87.97 | 2.56 | 32.26 | 17.29 | -24.46 | -42.97 | 0.37 |
| 0.480 | 1.66 | 99.71 | 85.80 | 2.18 | 31.95 | 18.28 | -24.63 | -43.82 | 0.40 |
| 0.625 | 2.18 | 75.90 | 84.62 | 2.16 | 32.29 | 13.81 | -24.85 | -39.61 | 0.42 |
| 0.787 | 1.61 | 103.03 | 82.46 | 1.88 | 31.94 | 18.96 | -24.98 | -44.80 | 0.44 |
| 0.903 | 1.87 | 88.70 | 81.28 | 1.23 | 31.98 | 16.09 | -25.31 | -42.39 | 0.45 |
| 1.000 | 2.14 | 77.54 |  | 1.48 | 28.62 | 15.68 | -24.22 | -37.59 | 0.27 |
| ***5.0% PrOH*** | | | | | | | | | |
| 0.000 | 1.29 | 128.97 |  | 1.98 | 21.48 | 21.30 | -23.51 | -40.19 | 0.32 |
| 0.156 | 0.96 | 171.29 | 132.46 | 1.61 | 20.67 | 29.02 | -24.76 | -46.08 | 0.29 |
| 0.356 | 0.83 | 197.68 | 133.58 | 1.47 | 17.90 | 36.79 | -24.90 | -46.21 | 0.33 |
| 0.480 | 0.90 | 183.11 | 134.69 | 1.22 | 18.55 | 33.36 | -25.20 | -45.66 | 0.37 |
| 0.625 | 0.87 | 189.95 | 135.81 | 1.05 | 16.95 | 36.33 | -25.41 | -44.81 | 0.40 |
| 0.787 | 0.98 | 168.69 | 137.24 | 1.86 | 17.19 | 32.03 | -25.72 | -43.20 | 0.41 |
| 0.903 | 0.71 | 233.04 | 138.99 | 0.97 | 20.77 | 39.48 | -25.65 | -54.80 | 0.44 |
| 1.000 | 1.14 | 144.87 |  | 1.37 | 16.38 | 28.29 | -24.69 | -38.98 | 0.14 |
| ***10-2-10 + CTAB*** | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | |
| 0.000 | 1.71 | 97.23 |  | 1.94 | 31.06 | 17.65 | -23.11 | -41.30 | 0.43 |
| 0.156 | 1.58 | 104.56 | 123.42 | 1.85 | 30.66 | 19.36 | -25.97 | -45.28 | 0.37 |
| 0.356 | 1.51 | 109.67 | 127.79 | 1.61 | 30.95 | 20.11 | -26.71 | -47.15 | 0.42 |
| 0.480 | 1.44 | 115.27 | 133.79 | 1.61 | 31.36 | 20.92 | -27.51 | -49.28 | 0.44 |
| 0.625 | 1.35 | 122.96 | 138.16 | 1.90 | 29.94 | 23.37 | -27.69 | -49.86 | 0.46 |
| 0.787 | 1.24 | 133.79 | 140.34 | 2.00 | 30.32 | 25.20 | -28.18 | -52.61 | 0.47 |
| 0.903 | 1.16 | 143.20 | 145.26 | 2.32 | 29.78 | 27.27 | -28.42 | -54.11 | 0.49 |
| 1.000 | 1.09 | 151.81 |  | 3.40 | 26.14 | 32.24 | -28.03 | -51.93 | 0.34 |
| ***5.0% PrOH*** | | | | | | | | | |
| 0.000 | 1.29 | 128.97 |  | 1.98 | 21.48 | 21.30 | -23.50 | -40.19 | 0.32 |
| 0.156 | 1.26 | 131.38 | 113.05 | 2.15 | 21.10 | 21.84 | -27.15 | -43.85 | 0.34 |
| 0.356 | 1.28 | 129.38 | 110.13 | 2.24 | 20.85 | 21.54 | -27.47 | -43.71 | 0.39 |
| 0.480 | 1.27 | 129.88 | 107.53 | 2.17 | 21.12 | 21.49 | -27.75 | -44.27 | 0.42 |
| 0.625 | 0.98 | 169.10 | 105.58 | 2.81 | 21.12 | 28.09 | -28.05 | -49.56 | 0.45 |
| 0.787 | 1.09 | 151.65 | 103.63 | 2.75 | 21.25 | 24.98 | -28.32 | -47.73 | 0.47 |
| 0.903 | 0.97 | 169.82 | 101.68 | 2.55 | 21.09 | 28.03 | -28.62 | -50.19 | 0.48 |
| 1.000 | 0.88 | 187.92 |  | 2.88 | 17.00 | 20.22 | -28.27 | -38.15 | 0.11 |
| ***12-2-12 + DTAB*** | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | |
| 0.000 | 1.18 | 139.94 |  | 4.66 | 31.52 | 25.02 | -27.96 | -54.53 | 0.30 |
| 0.156 | 1.01 | 163.04 | 138.80 | 5.84 | 31.03 | 29.92 | -28.41 | -58.88 | 0.36 |
| 0.356 | 1.24 | 156.23 | 137.48 | 5.46 | 29.68 | 25.46 | -28.02 | -49.58 | 0.40 |
| 0.480 | 1.55 | 107.07 | 138.26 | 6.00 | 29.75 | 20.41 | -27.88 | -47.07 | 0.45 |
| 0.625 | 1.35 | 122.68 | 137.99 | 6.33 | 29.82 | 23.33 | -26.75 | -48.78 | 0.42 |
| 0.787 | 1.02 | 162.60 | 137.52 | 5.57 | 29.76 | 30.88 | -25.97 | -55.12 | 0.40 |
| 0.903 | 1.21 | 136.67 | 136.71 | 7.14 | 29.56 | 26.04 | -24.88 | -49.21 | 0.38 |
| 1.000 | 1.22 | 135.42 |  | 2.60 | 28.65 | 26.46 | -21.20 | -44.57 | 0.25 |
| ***5.0% PrOH*** | | | | | | | | | |
| 0.000 | 0.81 | 205.14 |  | 4.20 | 21.67 | 33.52 | -28.22 | -54.99 | 0.20 |
| 0.156 | 0.78 | 210.57 | 173.04 | 3.96 | 22.19 | 33.87 | -28.91 | -57.06 | 0.40 |
| 0.356 | 0.77 | 222.15 | 168.69 | 4.02 | 22.02 | 34.92 | -28.42 | -58.29 | 0.44 |
| 0.480 | 0.71 | 233.78 | 164.29 | 4.24 | 21.89 | 37.75 | -28.20 | -59.02 | 0.46 |
| 0.625 | 0.83 | 198.56 | 158.45 | 5.05 | 22.16 | 31.98 | -27.18 | -53.68 | 0.41 |
| 0.787 | 0.79 | 209.32 | 148.24 | 5.00 | 21.78 | 33.81 | -26.95 | -54.41 | 0.42 |
| 0.903 | 0.61 | 271.99 | 136.57 | 5.57 | 21.95 | 43.82 | -25.42 | -61.38 | 0.44 |
| 1.000 | 2.80 | 59.25 |  | 3.84 | 16.88 | 11.43 | -21.28 | -27.30 | 0.35 |
| ***12-2-12 + TTAB*** | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | |
| 0.000 | 1.18 | 139.94 |  | 4.66 | 31.52 | 25.02 | -27.96 | -54.53 | 0.30 |
| 0.156 | 0.87 | 188.96 | 105.62 | 3.05 | 34.76 | 31.46 | -28.18 | -67.74 | 0.41 |
| 0.356 | 0.98 | 168.68 | 111.24 | 3.61 | 34.66 | 28.28 | -28.14 | -63.35 | 0.45 |
| 0.480 | 0.76 | 215.82 | 113.73 | 4.67 | 34.85 | 35.68 | -27.96 | -73.26 | 0.49 |
| 0.625 | 0.98 | 169.36 | 118.10 | 5.57 | 34.64 | 28.92 | -27.69 | -62.53 | 0.51 |
| 0.787 | 0.55 | 301.70 | 119.97 | 4.14 | 34.15 | 50.81 | -27.42 | -90.37 | 0.55 |
| 0.903 | 0.31 | 524.46 | 125.59 | 3.48 | 33.75 | 59.87 | -26.59 | -133.20 | 0.58 |
| 1.000 | 2.14 | 077.54 |  | 1.48 | 28.65 | 15.68 | -24.22 | -37.59 | 0.27 |
| ***5.0% PrOH*** | | | | | | | | | |
| 0.000 | 0.81 | 205.14 |  | 4.20 | 21.67 | 33.52 | -28.22 | -54.99 | 0.20 |
| 0.156 | 0.87 | 188.96 | 188.87 | 2.95 | 23.26 | 30.88 | -28.26 | -52.95 | 0.37 |
| 0.356 | 0.98 | 168.66 | 187.06 | 3.50 | 25.11 | 26.96 | -28.22 | -51.85 | 0.42 |
| 0.480 | 0.77 | 215.81 | 185.25 | 3.96 | 24.84 | 32.35 | -28.37 | -61.00 | 0.44 |
| 0.625 | 0.98 | 169.36 | 182.84 | 3.50 | 25.45 | 25.66 | -28.84 | -54.18 | 0.50 |
| 0.787 | 0.55 | 301.70 | 180.43 | 3.00 | 23.49 | 44.24 | -28.22 | -74.47 | 0.54 |
| 0.903 | 0.31 | 524.46 | 173.80 | 2.79 | 23.15 | 53.42 | -27.13 | -101.33 | 0.59 |
| 1.000 | 1.14 | 144.88 |  | 1.37 | 16.38 | 28.29 | -24.69 | -38.98 | 0.14 |
| ***12-2-12 + CTAB*** | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | |
| 0.000 | 1.18 | 139.94 |  | 4.66 | 31.52 | 25.02 | -27.96 | -54.53 | 0.30 |
| 0.156 | 0.99 | 166.88 | 149.67 | 4.27 | 34.05 | 27.29 | -28.26 | -62.49 | 0.25 |
| 0.356 | 1.33 | 124.26 | 148.25 | 4.29 | 33.86 | 20.61 | -28.30 | -53.64 | 0.30 |
| 0.480 | 1.14 | 144.58 | 146.59 | 4.44 | 33.69 | 24.04 | -28.38 | -57.68 | 0.37 |
| 0.625 | 1.12 | 147.55 | 145.88 | 4.47 | 34.92 | 23.57 | -28.47 | -59.36 | 0.38 |
| 0.787 | 0.95 | 173.41 | 144.57 | 4.07 | 34.55 | 28.04 | -28.43 | -64.56 | 0.44 |
| 0.903 | 0.92 | 180.21 | 143.50 | 3.86 | 33.80 | 29.74 | -28.56 | -65.11 | 0.48 |
| 1.000 | 1.09 | 151.81 |  | 3.40 | 26.14 | 32.24 | -28.03 | -51.94 | 0.34 |
| ***5.0% PrOH*** | | | | | | | | | |
| 0.000 | 0.81 | 205.14 |  | 4.20 | 21.67 | 33.52 | -28.22 | -54.99 | 0.20 |
| 0.156 | 0.81 | 201.32 | 186.23 | 3.88 | 21.32 | 34.62 | -28.35 | -53.62 | 0.34 |
| 0.356 | 0.83 | 198.54 | 194.25 | 3.56 | 20.53 | 34.87 | -28.61 | -53.75 | 0.41 |
| 0.480 | 0.84 | 195.12 | 192.30 | 4.12 | 20.65 | 35.61 | -28.41 | -52.41 | 0.47 |
| 0.625 | 0.86 | 197.15 | 190.21 | 3.52 | 18.45 | 36.85 | -28.31 | -51.34 | 0.46 |
| 0.787 | 0.87 | 190.23 | 185.46 | 3.15 | 19.63 | 36.54 | -28.62 | -51.85 | 0.41 |
| 0.903 | 0.87 | 189.65 | 180.79 | 3.65 | 18.96 | 37.46 | -28.53 | -50.21 | 0.49 |
| 1.000 | 0.88 | 187.91 |  | 2.88 | 17.00 | 39.38 | -28.27 | -47.52 | 0.11 |
| ***14-2-14 + DTAB*** | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | |
| 0.000 | 1.12 | 147.84 |  | 2.66 | 31.66 | 26.39 | -32.33 | -60.52 | 0.28 |
| 0.156 | 0.94 | 175.79 | 160.87 | 6.00 | 32.05 | 30.86 | -33.21 | -67.15 | 0.25 |
| 0.356 | 1.05 | 156.22 | 172.15 | 3.45 | 32.15 | 25.86 | -32.56 | -62.25 | 0.24 |
| 0.480 | 1.18 | 140.53 | 159.35 | 4.58 | 32.36 | 24.66 | -32.55 | -59.94 | 0.25 |
| 0.625 | 0.86 | 191.34 | 156.63 | 5.62 | 32.65 | 33.13 | -31.32 | -68.95 | 0.24 |
| 0.787 | 0.99 | 166.10 | 153.29 | 5.45 | 32.59 | 28.62 | -30.61 | -63.22 | 0.26 |
| 0.903 | 0.95 | 174.33 | 152.99 | 5.51 | 32.67 | 30.08 | -28.89 | -63.20 | 0.34 |
| 1.000 | 1.22 | 135.42 | 160.87 | 2.60 | 28.65 | 26.46 | -21.20 | -44.57 | 0.25 |
| ***5.0% PrOH*** | | | | | | | | | |
| 0.000 | 1.00 | 165.71 |  | 12.18 | 12.45 | 39.47 | -32.98 | -45.40 | 0.25 |
| 0.156 | 0.94 | 175.79 | 147.62 | 5.45 | 13.40 | 40.65 | -33.83 | -48.02 | 0.32 |
| 0.356 | 1.03 | 156.25 | 141.75 | 5.92 | 13.24 | 36.43 | -31.32 | -45.20 | 0.38 |
| 0.480 | 1.18 | 140.53 | 139.10 | 6.05 | 13.10 | 32.75 | -33.19 | -44.28 | 0.33 |
| 0.625 | 0.86 | 191.34 | 130.58 | 6.89 | 13.30 | 44.25 | -32.25 | -47.58 | 0.34 |
| 0.787 | 0.99 | 166.10 | 125.26 | 9.45 | 13.20 | 38.51 | -31.20 | -44.41 | 0.34 |
| 0.903 | 0.95 | 174.33 | 117.81 | 4.06 | 13.20 | 40.63 | -29.86 | -43.72 | 0.37 |
| 1.000 | 2.80 | 59.25 |  | 3.84 | 16.88 | 11.43 | -21.28 | -27.30 | 0.35 |
| ***14-2-14 + TTAB*** | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | |
| 0.000 | 1.12 | 147.84 |  | 2.67 | 31.66 | 26.39 | -32.33 | -60.52 | 0.28 |
| 0.156 | 0.97 | 170.61 | 116.20 | 6.00 | 31.75 | 30.46 | -33.04 | -65.67 | 0.53 |
| 0.356 | 1.30 | 127.65 | 120.42 | 5.50 | 33.25 | 21.64 | -32.55 | -58.11 | 0.58 |
| 0.480 | 2.41 | 68.86 | 126.75 | 5.63 | 32.56 | 11.87 | -32.25 | -45.75 | 0.61 |
| 0.625 | 1.12 | 147.48 | 130.26 | 3.04 | 32.76 | 25.52 | -31.56 | -60.66 | 0.62 |
| 0.787 | 2.21 | 75.04 | 133.07 | 3.36 | 32.72 | 12.87 | -31.26 | -46.05 | 0.62 |
| 0.903 | 1.62 | 102.25 | 133.78 | 2.63 | 32.60 | 17.80 | -30.44 | -50.51 | 0.63 |
| 1.000 | 2.14 | 77.55 |  | 1.48 | 28.62 | 15.68 | -24.22 | -37.59 | 0.27 |
| ***5.0% PrOH*** | | | | | | | | | |
| 0.000 | 1.00 | 165.72 |  | 12.18 | 12.45 | 39.47 | -32.98 | -45.40 | 0.25 |
| 0.156 | 0.88 | 187.67 | 161.76 | 6.50 | 16.20 | 36.73 | -33.85 | -52.16 | 0.52 |
| 0.356 | 1.06 | 156.21 | 161.55 | 6.45 | 16.30 | 30.67 | -33.63 | -48.97 | 0.56 |
| 0.480 | 1.56 | 106.55 | 160.92 | 5.86 | 16.30 | 20.92 | -32.44 | -43.56 | 0.61 |
| 0.625 | 1.36 | 121.74 | 160.51 | 3.48 | 16.50 | 23.76 | -32.06 | -44.54 | 0.62 |
| 0.787 | 1.49 | 111.03 | 158.63 | 2.85 | 16.20 | 21.73 | -31.25 | -42.89 | 0.62 |
| 0.903 | 1.17 | 141.98 | 156.96 | 3.20 | 16.50 | 27.71 | -31.45 | -45.36 | 0.63 |
| 1.000 | 1.14 | 144.87 |  | 1.37 | 16.38 | 28.29 | -24.69 | -38.98 | 0.14 |
| ***14-2-14 + CTAB*** | | | | | | | | | |
| ***2.5% PrOH*** | | | | | | | | | |
| 0.000 | 1.12 | 147.84 |  | 2.67 | 31.66 | 26.39 | -32.33 | -60.52 | 0.28 |
| 0.156 | 0.73 | 227.94 | 150.14 | 3.20 | 32.45 | 39.47 | -33.33 | -77.89 | 0.44 |
| 0.356 | 0.96 | 172.15 | 149.62 | 2.85 | 32.74 | 29.51 | -32.78 | -66.73 | 0.53 |
| 0.480 | 0.83 | 198.50 | 149.42 | 2.92 | 32.55 | 34.61 | -32.33 | -71.25 | 0.57 |
| 0.625 | 1.29 | 128.48 | 149.22 | 3.40 | 33.46 | 21.62 | -31.78 | -57.67 | 0.59 |
| 0.787 | 1.38 | 119.98 | 148.87 | 4.28 | 33.85 | 19.84 | -31.32 | -55.79 | 0.62 |
| 0.903 | 1.23 | 134.37 | 148.71 | 4.61 | 34.62 | 21.51 | -30.61 | -58.63 | 0.68 |
| 1.000 | 1.09 | 151.81 |  | 3.40 | 26.14 | 32.24 | -28.03 | -51.94 | 0.34 |
| ***5.0% PrOH*** | | | | | | | | | |
| 0.000 | 1.00 | 165.72 |  | 12.18 | 12.45 | 39.47 | -32.98 | -45.40 | 0.25 |
| 0.156 | 0.52 | 316.46 | 170.16 | 14.11 | 21.55 | 57.65 | -33.60 | -74.67 | 0.44 |
| 0.356 | 0.67 | 245.88 | 171.27 | 13.21 | 22.14 | 44.07 | -33.45 | -66.24 | 0.50 |
| 0.480 | 0.46 | 357.30 | 172.60 | 11.51 | 22.20 | 63.70 | -33.43 | -81.20 | 0.53 |
| 0.625 | 0.65 | 254.70 | 173.49 | 9.41 | 22.05 | 45.64 | -33.28 | -67.10 | 0.56 |
| 0.787 | 0.62 | 265.80 | 175.04 | 6.76 | 17.98 | 54.62 | -32.44 | -61.22 | 0.60 |
| 0.903 | 0.79 | 208.92 | 176.60 | 3.74 | 17.51 | 43.40 | -31.62 | -53.65 | 0.63 |
| 1.000 | 0.88 | 187.92 |  | 2.88 | 17.00 | 39.38 | -28.27 | -47.52 | 0.11 |
| ***10-2-10 + DTAB*** | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | |
| 0.000 | 1.42 | 116.31 |  | 1.75 | 25.38 | 23.20 | -23.33 | -41.12 | 0.36 |
| 0.156 | 1.82 | 90.88 | 112.44 | 2.72 | 24.94 | 18.31 | -23.72 | -37.37 | 0.28 |
| 0.356 | 1.65 | 84.56 | 118.25 | 2.15 | 25.48 | 20.25 | -23.56 | -38.24 | 0.28 |
| 0.480 | 1.46 | 113.10 | 111.95 | 2.81 | 25.55 | 22.58 | -23.26 | -40.67 | 0.29 |
| 0.625 | 1.97 | 84.10 | 110.25 | 2.78 | 25.95 | 16.54 | -23.03 | -36.17 | 0.32 |
| 0.787 | 1.36 | 121.86 | 107.83 | 3.22 | 26.15 | 23.81 | -22.49 | -41.69 | 0.38 |
| 0.903 | 1.78 | 93.09 | 104.92 | 3.32 | 26.19 | 18.06 | -22.02 | -36.71 | 0.43 |
| 1.000 | 1.80 | 92.07 |  | 1.90 | 28.44 | 16.72 | -21.19 | -36.96 | 0.12 |
| ***5.0% BuOH*** | | | | | | | | | |
| 0.000 | 0.86 | 191.48 |  | 3.32 | 16.59 | 30.34 | -23.73 | -42.87 | 0.22 |
| 0.156 | 0.95 | 174.12 | 187.13 | 2.78 | 16.91 | 27.36 | -24.67 | -42.40 | 0.23 |
| 0.356 | 0.98 | 179.24 | 187.21 | 2.99 | 16.36 | 26.58 | -24.12 | -41.19 | 0.24 |
| 0.480 | 1.02 | 162.81 | 186.98 | 3.57 | 16.56 | 26.02 | -23.87 | -40.11 | 0.24 |
| 0.625 | 0.94 | 176.70 | 185.37 | 4.05 | 15.16 | 29.63 | -23.28 | -39.42 | 0.29 |
| 0.787 | 0.73 | 225.28 | 182.63 | 3.31 | 15.37 | 37.49 | -22.58 | -43.44 | 0.36 |
| 0.903 | 0.66 | 250.51 | 180.38 | 3.63 | 14.77 | 42.89 | -22.21 | -44.50 | 0.42 |
| 1.000 | 0.94 | 175.40 |  | 2.63 | 14.52 | 30.29 | -21.38 | -36.72 | 0.12 |
| ***10-2-10 + TTAB*** | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | |
| 0.000 | 1.42 | 116.31 |  | 1.75 | 25.38 | 23.20 | -23.33 | -41.12 | 0.36 |
| 0.156 | 1.69 | 98.12 | 127.81 | 2.37 | 27.14 | 18.47 | -24.40 | -40.44 | 0.28 |
| 0.356 | 1.71 | 96.77 | 132.48 | 1.92 | 25.90 | 18.94 | -24.76 | -39.86 | 0.33 |
| 0.480 | 2.06 | 80.57 | 136.08 | 2.32 | 26.50 | 15.57 | -24.96 | -37.82 | 0.37 |
| 0.625 | 1.04 | 159.26 | 138.59 | 2.86 | 26.35 | 30.83 | -25.21 | -50.49 | 0.39 |
| 0.787 | 1.17 | 141.83 | 141.83 | 2.88 | 26.05 | 27.72 | -25.41 | -47.66 | 0.42 |
| 0.903 | 1.33 | 124.80 | 89.37 | 3.08 | 26.34 | 24.17 | -25.51 | -45.31 | 0.44 |
| 1.000 | 1.09 | 152.25 |  | 1.17 | 28.25 | 27.73 | -24.45 | -50.36 | 0.13 |
| ***5.0% BuOH*** | | | | | | | | | |
| 0.000 | 0.86 | 191.48 |  | 3.32 | 16.59 | 30.34 | -23.73 | -42.87 | 0.22 |
| 0.156 | 1.51 | 109.66 | 182.15 | 2.48 | 15.55 | 18.13 | -24.87 | -35.55 | 0.28 |
| 0.356 | 1.20 | 138.30 | 180.29 | 2.68 | 14.38 | 23.84 | -25.03 | -37.01 | 0.32 |
| 0.480 | 1.07 | 154.90 | 177.89 | 2.77 | 13.47 | 27.64 | -25.29 | -37.88 | 0.33 |
| 0.625 | 0.78 | 213.22 | 175.23 | 2.55 | 13.59 | 38.02 | -25.54 | -42.99 | 0.38 |
| 0.787 | 0.95 | 174.74 | 173.10 | 1.99 | 12.49 | 32.21 | -25.80 | -38.95 | 0.39 |
| 0.903 | 1.06 | 156.70 | 171.77 | 1.67 | 14.59 | 26.81 | -25.82 | -39.59 | 0.44 |
| 1.000 | 1.01 | 164.85 |  | 1.04 | 15.56 | 18.29 | -24.76 | -35.07 | 0.19 |
| ***10-2-10 + CTAB*** | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | |
| 0.000 | 1.42 | 116.31 |  | 1.75 | 25.38 | 23.20 | -23.33 | -41.12 | 0.36 |
| 0.156 | 1.98 | 83.52 | 119.18 | 1.88 | 28.25 | 15.16 | -25.85 | -40.06 | 0.38 |
| 0.356 | 1.59 | 104.04 | 118.69 | 2.26 | 28.15 | 19.08 | -27.02 | -44.67 | 0.42 |
| 0.480 | 1.86 | 88.89 | 118.16 | 2.51 | 28.36 | 16.13 | -27.69 | -42.87 | 0.44 |
| 0.625 | 1.71 | 96.60 | 117.38 | 2.28 | 28.56 | 17.36 | -28.18 | -44.80 | 0.46 |
| 0.787 | 2.06 | 80.22 | 117.24 | 2.04 | 28.96 | 14.32 | -28.74 | -42.74 | 0.47 |
| 0.903 | 1.34 | 123.67 | 117.09 | 2.28 | 28.79 | 21.90 | -28.89 | -50.34 | 0.48 |
| 1.000 | 1.37 | 121.16 |  | 2.00 | 25.15 | 24.26 | -28.51 | -46.87 | 0.17 |
| ***5.0% BuOH*** | | | | | | | | | |
| 0.000 | 0.86 | 191.48 |  | 3.32 | 16.59 | 30.34 | -23.73 | -42.87 | 0.22 |
| 0.156 | 1.46 | 113.90 | 198.63 | 5.78 | 14.52 | 18.85 | -26.37 | -36.33 | 0.31 |
| 0.356 | 2.05 | 80.92 | 197.31 | 2.40 | 14.84 | 13.23 | -27.18 | -34.41 | 0.35 |
| 0.480 | 1.08 | 154.13 | 195.98 | 1.38 | 14.49 | 25.63 | -28.42 | -41.88 | 0.41 |
| 0.625 | 1.22 | 136.30 | 195.32 | 1.37 | 14.65 | 22.53 | -29.54 | -41.57 | 0.43 |
| 0.787 | 1.39 | 119.35 | 194.79 | 0.67 | 15.05 | 19.37 | -29.98 | -40.80 | 0.46 |
| 0.903 | 1.24 | 133.80 | 194.39 | 0.58 | 14.66 | 22.03 | -30.32 | -42.13 | 0.47 |
| 1.000 | 0.81 | 204.73 |  | 1.85 | 15.25 | 32.86 | -28.94 | -47.75 | 0.10 |
| ***12-2-12 + DTAB*** | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | |
| 0.000 | 1.61 | 102.89 |  | 2.68 | 24.86 | 20.78 | -28.07 | -43.47 | 0.40 |
| 0.156 | 0.78 | 210.57 | 275.55 | 2.83 | 27.25 | 39.63 | -28.48 | -63.04 | 0.38 |
| 0.356 | 0.76 | 215.64 | 258.63 | 2.15 | 27.45 | 40.25 | -28.95 | -64.25 | 0.41 |
| 0.480 | 0.71 | 233.78 | 274.33 | 2.74 | 26.96 | 44.41 | -28.01 | -65.97 | 0.44 |
| 0.625 | 0.83 | 198.56 | 271.89 | 2.71 | 27.03 | 37.63 | -27.50 | -59.83 | 0.41 |
| 0.787 | 0.79 | 209.32 | 268.22 | 2.97 | 28.14 | 38.52 | -26.98 | -62.46 | 0.40 |
| 0.903 | 0.61 | 271.99 | 253.56 | 3.22 | 27.98 | 49.83 | -25.20 | -71.04 | 0.40 |
| 1.000 | 1.80 | 92.07 |  | 1.90 | 28.44 | 16.72 | -21.19 | -36.96 | 0.12 |
| ***5.0% BuOH*** | | | | | | | | | |
| 0.000 | 0.56 | 297.54 |  | 2.85 | 15.67 | 48.62 | -28.34 | -53.43 | 0.14 |
| 0.156 | 0.79 | 210.57 | 274.33 | 3.23 | 16.29 | 33.87 | -29.04 | -49.70 | 0.34 |
| 0.356 | 0.74 | 225.12 | 272.15 | 3.72 | 16.48 | 35.25 | -28.72 | -50.76 | 0.40 |
| 0.480 | 0.71 | 233.78 | 268.22 | 3.84 | 16.19 | 37.75 | -28.28 | -51.08 | 0.38 |
| 0.625 | 0.83 | 198.56 | 260.89 | 4.72 | 16.36 | 31.98 | -27.48 | -47.04 | 0.36 |
| 0.787 | 0.79 | 209.32 | 253.56 | 4.66 | 16.28 | 33.81 | -27.12 | -47.65 | 0.35 |
| 0.903 | 0.61 | 271.99 | 243.79 | 4.94 | 16.45 | 43.82 | -25.72 | -52.67 | 0.33 |
| 1.000 | 0.94 | 175.40 |  | 2.63 | 14.52 | 30.29 | -21.38 | -36.72 | 0.12 |
| ***12-2-12 + TTAB*** | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | |
| 0.000 | 1.61 | 102.89 |  | 2.68 | 24.86 | 20.78 | -28.07 | -43.48 | 0.40 |
| 0.156 | 0.76 | 217.12 | 190.58 | 3.80 | 29.64 | 37.35 | -29.48 | -68.24 | 0.39 |
| 0.356 | 0.81 | 204.47 | 213.10 | 3.50 | 28.33 | 36.78 | -29.23 | -64.12 | 0.45 |
| 0.480 | 1.08 | 153.44 | 218.73 | 3.70 | 29.28 | 36.91 | -28.60 | -55.66 | 0.46 |
| 0.625 | 2.00 | 82.73 | 237.49 | 2.25 | 29.04 | 14.63 | -27.89 | -42.36 | 0.50 |
| 0.787 | 1.68 | 98.81 | 250.63 | 1.59 | 29.15 | 17.52 | -27.45 | -44.80 | 0.51 |
| 0.903 | 1.72 | 96.68 | 256.25 | 1.73 | 29.04 | 17.21 | -26.82 | -43.73 | 0.53 |
| 1.000 | 1.09 | 152.25 |  | 1.17 | 28.25 | 27.74 | -24.45 | -50.36 | 0.13 |
| ***5.0% BuOH*** | | | | | | | | | |
| 0.000 | 0.56 | 297.54 |  | 2.85 | 15.67 | 48.62 | -28.34 | -56.43 | 0.14 |
| 0.156 | 0.76 | 217.12 | 241.25 | 2.82 | 17.19 | 33.75 | -28.26 | -50.74 | 0.36 |
| 0.356 | 0.81 | 204.47 | 237.49 | 4.50 | 18.92 | 29.77 | -28.22 | -51.52 | 0.40 |
| 0.480 | 1.08 | 153.44 | 231.86 | 4.95 | 18.14 | 23.07 | -28.37 | -45.13 | 0.43 |
| 0.625 | 2.00 | 82.73 | 216.85 | 2.88 | 18.84 | 12.14 | -28.84 | -38.23 | 0.73 |
| 0.787 | 1.68 | 98.81 | 207.47 | 2.62 | 17.69 | 15.12 | -28.22 | -38.75 | 0.51 |
| 0.903 | 1.72 | 96.68 | 194.34 | 2.87 | 17.39 | 14.92 | -27.13 | -37.25 | 0.56 |
| 1.000 | 1.51 | 109.90 |  | 1.33 | 15.56 | 18.29 | -24.77 | -35.07 | 0.19 |
| ***12-2-12 + CTAB*** | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | |
| 0.000 | 1.61 | 102.89 |  | 2.68 | 24.86 | 20.78 | -28.07 | -43.48 | 0.40 |
| 0.156 | 1.21 | 137.04 | 117.69 | 3.67 | 27.75 | 25.13 | -28.56 | -51.46 | 0.28 |
| 0.356 | 1.20 | 138.40 | 115.68 | 3.71 | 28.05 | 25.71 | -29.05 | -52.08 | 0.39 |
| 0.480 | 1.87 | 88.69 | 112.94 | 4.17 | 28.15 | 16.15 | -28.70 | -43.83 | 0.44 |
| 0.625 | 1.25 | 132.77 | 111.48 | 3.75 | 26.78 | 25.29 | -28.80 | -50.47 | 0.48 |
| 0.787 | 1.16 | 142.88 | 110.56 | 2.86 | 27.46 | 26.90 | -29.35 | -52.99 | 0.52 |
| 0.903 | 1.49 | 111.51 | 107.46 | 2.77 | 27.45 | 20.99 | -29.61 | -48.04 | 0.55 |
| 1.000 | 1.37 | 121.17 |  | 2.00 | 25.15 | 24.26 | -28.51 | -46.87 | 0.17 |
| ***5.0% BuOH*** | | | | | | | | | |
| 0.000 | 0.56 | 297.54 |  | 2.86 | 15.67 | 48.62 | -28.34 | -56.43 | 0.14 |
| 0.156 | 1.11 | 149.73 | 248.27 | 2.24 | 13.96 | 25.20 | -28.95 | -41.54 | 0.22 |
| 0.356 | 0.86 | 193.22 | 226.19 | 2.30 | 14.96 | 31.35 | -29.00 | -46.54 | 0.31 |
| 0.480 | 1.57 | 105.40 | 215.99 | 2.44 | 13.85 | 18.06 | -29.11 | -37.90 | 0.37 |
| 0.625 | 1.36 | 122.32 | 202.40 | 2.56 | 14.95 | 20.00 | -29.29 | -40.30 | 0.44 |
| 0.787 | 1.31 | 126.16 | 176.92 | 2.53 | 14.32 | 21.03 | -29.48 | -40.36 | 0.49 |
| 0.903 | 1.36 | 121.56 | 158.23 | 2.50 | 14.55 | 20.09 | -29.68 | -40.33 | 0.52 |
| 1.000 | 0.81 | 204.73 |  | 1.85 | 15.25 | 32.86 | -28.94 | -47.75 | 0.10 |
| ***14-2-14 + DTAB*** | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | |
| 0.000 | 1.62 | 102.16 |  | 2.81 | 24.03 | 21.27 | -33.05 | -47.83 | 0.41 |
| 0.156 | 1.69 | 98.21 | 101.05 | 1.86 | 28.15 | 17.89 | -33.27 | -49.93 | 0.25 |
| 0.356 | 1.74 | 102.25 | 101.25 | 2.56 | 28.56 | 15.42 | -33.26 | -45.81 | 0.27 |
| 0.480 | 2.35 | 70.55 | 100.54 | 2.87 | 27.25 | 13.27 | -32.91 | -44.49 | 0.28 |
| 0.625 | 1.50 | 110.03 | 100.24 | 2.89 | 27.24 | 20.71 | -31.59 | -49.64 | 0.30 |
| 0.787 | 1.85 | 89.60 | 100.04 | 2.52 | 26.45 | 17.35 | -31.20 | -45.48 | 0.34 |
| 0.903 | 1.90 | 87.26 | 98.62 | 3.56 | 25.75 | 17.26 | -29.63 | -43.17 | 0.37 |
| 1.000 | 1.80 | 92.07 |  | 1.90 | 28.44 | 16.72 | -21.19 | -36.96 | 0.12 |
| ***5.0% BuOH*** | | | | | | | | | |
| 0.000 | 0.32 | 510.80 |  | 2.24 | 8.14 | 102.63 | -33.60 | -58.64 | 0.08 |
| 0.156 | 1.10 | 150.82 | 468.15 | 5.11 | 17.44 | 21.94 | -33.61 | -49.46 | 0.17 |
| 0.356 | 1.41 | 121.12 | 441.12 | 4.33 | 17.12 | 18.24 | -33.21 | -47.26 | 0.18 |
| 0.480 | 1.68 | 98.77 | 461.04 | 3.42 | 16.32 | 14.98 | -33.17 | -42.88 | 0.18 |
| 0.625 | 1.29 | 128.23 | 457.49 | 3.79 | 15.86 | 19.88 | -32.23 | -44.48 | 0.18 |
| 0.787 | 1.94 | 85.47 | 425.51 | 2.94 | 16.34 | 12.95 | -31.59 | -40.00 | 0.20 |
| 0.903 | 2.02 | 82.05 | 400.63 | 3.72 | 15.86 | 12.77 | -30.48 | -38.32 | 0.23 |
| 1.000 | 1.07 | 155.44 |  | 2.63 | 14.52 | 30.30 | -21.38 | -36.72 | 0.12 |
| ***14-2-14 + TTAB*** | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | |
| 0.000 | 1.62 | 102.16 |  | 2.81 | 24.03 | 21.27 | -33.05 | -47.83 | 0.41 |
| 0.156 | 1.64 | 101.06 | 126.83 | 3.64 | 27.93 | 18.54 | -33.34 | -50.34 | 0.58 |
| 0.356 | 1.86 | 89.41 | 121.29 | 2.81 | 28.15 | 16.29 | -33.05 | -48.21 | 0.62 |
| 0.480 | 2.91 | 56.90 | 119.28 | 2.85 | 27.35 | 10.71 | -32.79 | -42.16 | 0.61 |
| 0.625 | 2.81 | 59.00 | 114.75 | 2.44 | 27.05 | 11.18 | -32.55 | -42.16 | 0.64 |
| 0.787 | 1.75 | 95.05 | 113.23 | 2.31 | 27.15 | 17.89 | -31.33 | -46.87 | 0.67 |
| 0.903 | 2.51 | 66.21 | 110.21 | 3.50 | 26.75 | 12.62 | -29.68 | -40.34 | 0.68 |
| 1.000 | 1.09 | 152.25 |  | 1.17 | 28.25 | 27.74 | -24.45 | -50.36 | 0.13 |
| ***5.0% BuOH*** | | | | | | | | | |
| 0.000 | 0.32 | 510.80 |  | 2.24 | 8.14 | 102.63 | -33.60 | -53.65 | 0.08 |
| 0.156 | 1.52 | 108.90 | 446.65 | 3.52 | 15.26 | 18.25 | -33.53 | -43.54 | 0.51 |
| 0.356 | 1.71 | 97.19 | 426.61 | 4.05 | 15.69 | 16.04 | -33.31 | -42.49 | 0.57 |
| 0.480 | 1.99 | 83.37 | 406.56 | 4.04 | 15.72 | 13.80 | -33.07 | -40.96 | 0.59 |
| 0.625 | 2.31 | 71.69 | 382.51 | 4.21 | 16.85 | 11.38 | -32.76 | -40.04 | 0.62 |
| 0.787 | 2.21 | 75.04 | 362.47 | 4.42 | 16.62 | 11.97 | -31.50 | -39.01 | 0.67 |
| 0.903 | 2.17 | 76.55 | 330.39 | 2.75 | 16.05 | 12.42 | -30.04 | -37.44 | 0.68 |
| 1.000 | 1.51 | 109.90 |  | 1.04 | 15.56 | 18.29 | -24.77 | -35.07 | 0.19 |
|  |  |  |  |  |  |  |  |  |  |
| ***14-2-14 + CTAB*** | | | | | | | | | |
| ***2.5% BuOH*** | | | | | | | | | |
| 0.000 | 1.62 | 102.16 |  | 2.81 | 24.03 | 21.27 | -33.05 | -47.83 | 0.41 |
| 0.156 | 2.16 | 76.88 | 111.47 | 4.61 | 25.93 | 15.03 | -34.05 | -46.06 | 0.48 |
| 0.356 | 2.22 | 74.83 | 110.90 | 3.89 | 26.33 | 14.49 | -33.67 | -45.54 | 0.56 |
| 0.480 | 2.07 | 80.11 | 109.76 | 2.81 | 25.88 | 15.74 | -33.05 | -45.53 | 0.58 |
| 0.625 | 2.67 | 62.08 | 108.62 | 2.40 | 26.36 | 12.02 | -32.33 | -42.19 | 0.60 |
| 0.787 | 3.10 | 53.49 | 108.24 | 2.28 | 27.25 | 10.07 | -31.62 | -40.40 | 0.56 |
| 0.903 | 1.93 | 85.74 | 107.86 | 2.97 | 26.35 | 16.60 | -30.83 | -44.44 | 0.58 |
| 1.000 | 1.37 | 121.17 |  | 2.00 | 25.15 | 24.26 | -28.51 | -46.87 | 0.17 |
| ***5.0% BuOH*** | | | | | | | | | |
| 0.000 | 0.32 | 510.80 |  | 2.24 | 8.14 | 102.63 | -33.60 | -58.65 | 0.08 |
| 0.156 | 0.27 | 608.21 | 474.07 | 4.66 | 11.96 | 108.21 | -36.82 | -80.64 | 0.42 |
| 0.356 | 0.24 | 673.46 | 472.75 | 3.10 | 12.50 | 116.82 | -37.12 | -87.82 | 0.40 |
| 0.480 | 0.22 | 739.28 | 437.34 | 3.11 | 12.60 | 129.21 | -36.07 | -92.18 | 0.51 |
| 0.625 | 0.32 | 516.84 | 415.92 | 3.15 | 12.42 | 89.59 | -35.41 | -74.07 | 0.54 |
| 0.787 | 0.23 | 711.51 | 397.55 | 4.34 | 13.15 | 121.49 | -33.85 | -90.20 | 0.59 |
| 0.903 | 0.44 | 371.54 | 363.88 | 3.07 | 12.86 | 64.98 | -31.44 | -60.22 | 0.62 |
| 1.000 | 0.81 | 204.73 |  | 1.85 | 15.25 | 32.86 | -28.94 | -47.75 | 0.10 |
| ***10-2-10 + DTAB*** | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.42 | 116.81 |  | 2.12 | 27.02 | 26.42 | -22.89 | -41.90 | 0.35 |
| 0.156 | 1.67 | 99.02 | 121.83 | 2.53 | 29.26 | 21.14 | -22.47 | -40.34 | 0.19 |
| 0.356 | 1.39 | 118.64 | 131.47 | 1.96 | 28.90 | 25.19 | -22.58 | -43.24 | 0.21 |
| 0.480 | 1.11 | 149.30 | 133.99 | 2.08 | 26.83 | 32.75 | -22.40 | -46.53 | 0.28 |
| 0.625 | 1.21 | 136.16 | 138.60 | 2.52 | 26.39 | 30.22 | -22.03 | -43.68 | 0.32 |
| 0.787 | 1.57 | 105.69 | 143.63 | 3.31 | 27.73 | 22.99 | -21.69 | -39.34 | 0.38 |
| 0.903 | 1.24 | 142.25 | 147.58 | 2.58 | 29.85 | 27.48 | -21.25 | -47.58 | 0.18 |
| 1.000 | 1.04 | 158.72 |  | 2.01 | 31.40 | 31.21 | -21.08 | -51.10 | 0.13 |
| ***5.0% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.19 | 154.20 |  | 3.67 | 14.04 | 18.55 | -22.93 | -31.74 | 0.40 |
| 0.156 | 1.84 | 89.82 | 109.22 | 3.98 | 13.96 | 15.98 | -22.92 | -30.47 | 0.20 |
| 0.356 | 1.72 | 96.40 | 110.90 | 4.06 | 13.25 | 17.50 | -22.68 | -30.37 | 0.23 |
| 0.480 | 1.80 | 91.88 | 114.67 | 3.51 | 12.86 | 16.95 | -22.42 | -29.54 | 0.28 |
| 0.625 | 0.91 | 182.00 | 118.43 | 3.44 | 13.06 | 33.48 | -22.17 | -36.49 | 0.37 |
| 0.787 | 1.07 | 153.73 | 120.11 | 3.03 | 11.76 | 29.29 | -21.73 | -32.61 | 0.44 |
| 0.903 | 1.08 | 147.56 | 124.25 | 2.97 | 11.48 | 29.58 | -22.25 | -32.14 | 0.27 |
| 1.000 | 1.13 | 146.08 |  | 2.84 | 11.65 | 28.02 | -21.13 | -31.38 | 0.14 |
| ***10-2-10 + TTAB*** | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.42 | 116.81 |  | 2.12 | 27.02 | 26.42 | -22.89 | -41.90 | 0.35 |
| 0.156 | 1.57 | 105.42 | 115.35 | 2.51 | 29.27 | 22.38 | -23.56 | -42.15 | 0.29 |
| 0.356 | 2.68 | 61.87 | 114.70 | 2.16 | 28.58 | 13.31 | -23.79 | -34.44 | 0.35 |
| 0.480 | 1.63 | 101.41 | 113.49 | 2.11 | 28.73 | 21.08 | -23.93 | -41.48 | 0.39 |
| 0.625 | 1.29 | 128.14 | 113.29 | 2.18 | 29.16 | 26.76 | -24.06 | -46.57 | 0.43 |
| 0.787 | 1.61 | 103.03 | 112.89 | 1.68 | 31.89 | 21.52 | -24.23 | -44.02 | 0.47 |
| 0.903 | 2.55 | 64.88 | 112.24 | 2.07 | 31.62 | 13.49 | -24.33 | -36.68 | 0.50 |
| 1.000 | 1.48 | 111.79 |  | 1.81 | 32.12 | 22.68 | -24.31 | -45.94 | 0.18 |
| ***5.0% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.19 | 154.20 |  | 3.67 | 14.04 | 18.55 | -22.93 | -31.74 | 0.40 |
| 0.156 | 1.08 | 152.91 | 99.03 | 3.20 | 16.60 | 24.77 | -23.63 | -38.92 | 0.32 |
| 0.356 | 1.84 | 89.99 | 96.86 | 3.34 | 16.97 | 14.52 | -23.84 | -33.01 | 0.37 |
| 0.480 | 1.75 | 94.60 | 94.20 | 2.31 | 16.38 | 15.44 | -24.03 | -33.31 | 0.41 |
| 0.625 | 1.75 | 94.71 | 92.87 | 2.64 | 16.27 | 15.40 | -24.13 | -33.37 | 0.45 |
| 0.787 | 1.92 | 86.14 | 91.37 | 2.82 | 16.14 | 14.06 | -24.31 | -32.66 | 0.48 |
| 0.903 | 2.16 | 76.79 | 90.37 | 3.02 | 16.33 | 12.48 | -24.38 | -31.92 | 0.51 |
| 1.000 | 1.89 | 87.54 |  | 2.87 | 19.45 | 12.73 | -24.46 | -34.72 | 0.24 |
|  |  |  |  |  |  |  |  |  |  |
| ***10-2-10 + CTAB*** | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.42 | 116.81 |  | 2.12 | 27.02 | 26.42 | -22.89 | -41.90 | 0.35 |
| 0.156 | 1.30 | 127.57 | 111.89 | 2.44 | 35.31 | 22.71 | -25.29 | -52.43 | 0.38 |
| 0.356 | 1.71 | 96.72 | 110.66 | 1.72 | 34.37 | 17.56 | -26.50 | -46.52 | 0.42 |
| 0.480 | 1.85 | 89.66 | 109.72 | 2.48 | 32.61 | 17.03 | -27.02 | -44.64 | 0.45 |
| 0.625 | 1.34 | 123.16 | 109.25 | 2.33 | 32.90 | 23.18 | -27.51 | -51.91 | 0.46 |
| 0.787 | 1.72 | 96.43 | 108.77 | 3.83 | 34.29 | 17.78 | -27.99 | -47.91 | 0.47 |
| 0.903 | 2.06 | 80.52 | 107.92 | 3.36 | 34.84 | 14.58 | -28.18 | -45.08 | 0.49 |
| 1.000 | 1.54 | 107.36 |  | 2.79 | 29.20 | 23.03 | -27.92 | -46.81 | 0.19 |
| ***5.0% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.19 | 154.20 |  | 3.67 | 14.04 | 18.55 | -22.93 | -31.74 | 0.40 |
| 0.156 | 1.99 | 83.19 | 118.08 | 4.13 | 14.93 | 14.36 | -25.54 | -33.02 | 0.33 |
| 0.356 | 2.05 | 80.92 | 121.49 | 3.85 | 15.04 | 13.87 | -26.88 | -34.21 | 0.38 |
| 0.480 | 1.36 | 121.91 | 123.32 | 3.95 | 14.71 | 21.14 | -27.20 | -38.00 | 0.42 |
| 0.625 | 1.46 | 113.15 | 124.11 | 3.94 | 15.82 | 18.86 | -27.79 | -38.57 | 0.45 |
| 0.787 | 2.05 | 80.62 | 124.37 | 3.58 | 14.12 | 14.31 | -28.30 | -35.16 | 0.46 |
| 0.903 | 1.67 | 99.22 | 124.63 | 4.28 | 14.42 | 17.43 | -28.34 | -36.96 | 0.47 |
| 1.000 | 0.68 | 241.56 |  | 2.55 | 10.24 | 48.24 | -28.15 | -43.04 | 0.08 |
| ***12-2-12 + DTAB*** | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.51 | 109.60 |  | 2.02 | 28.86 | 23.53 | -27.92 | -46.98 | 0.19 |
| 0.156 | 1.99 | 83.17 | 115.27 | 2.67 | 30.98 | 16.65 | -28.89 | -44.41 | 0.25 |
| 0.356 | 1.96 | 84.40 | 117.87 | 3.05 | 30.06 | 17.36 | -28.69 | -43.98 | 0.32 |
| 0.480 | 1.90 | 87.36 | 118.81 | 3.30 | 30.07 | 18.15 | -28.10 | -43.93 | 0.35 |
| 0.625 | 1.71 | 96.77 | 122.59 | 2.93 | 32.46 | 18.79 | -27.23 | -46.15 | 0.29 |
| 0.787 | 2.83 | 58.51 | 124.71 | 2.83 | 28.68 | 12.18 | -25.97 | -36.08 | 0.34 |
| 0.903 | 2.26 | 104.25 | 126.58 | 2.14 | 29.58 | 19.58 | -24.18 | -41.53 | 0.37 |
| 1.000 | 1.04 | 158.72 |  | 2.01 | 31.40 | 31.21 | -21.08 | -51.10 | 0.13 |
| ***5.0% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.30 | 133.30 |  | 2.57 | 15.72 | 18.34 | -27.89 | -37.67 | 0.24 |
| 0.156 | 2.44 | 67.91 | 110.18 | 3.21 | 19.06 | 10.85 | -29.05 | -36.85 | 0.26 |
| 0.356 | 2.32 | 71.31 | 111.98 | 4.23 | 19.69 | 10.52 | -28.56 | -37.01 | 0.34 |
| 0.480 | 2.73 | 60.61 | 114.07 | 3.87 | 18.87 | 9.35 | -28.26 | -35.15 | 0.37 |
| 0.625 | 1.39 | 118.77 | 115.27 | 3.14 | 18.71 | 18.52 | -27.39 | -40.78 | 0.29 |
| 0.787 | 2.39 | 69.20 | 117.06 | 3.04 | 19.09 | 10.59 | -26.46 | -34.42 | 0.34 |
| 0.903 | 1.18 | 107.48 | 118.45 | 2.96 | 14.75 | 27.44 | -22.85 | -33.51 | 0.38 |
| 1.000 | 1.13 | 146.08 |  | 2.84 | 11.65 | 28.02 | -21.13 | -31.38 | 0.14 |
| ***12-2-12 + TTAB*** | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.51 | 109.60 |  | 2.02 | 28.86 | 23.53 | -27.92 | -46.98 | 0.19 |
| 0.156 | 1.79 | 92.72 | 109.95 | 3.22 | 13.64 | 17.45 | -28.42 | -46.85 | 0.56 |
| 0.356 | 1.58 | 104.79 | 110.00 | 2.44 | 12.47 | 19.96 | -28.30 | -49.09 | 0.54 |
| 0.480 | 1.73 | 95.43 | 110.15 | 2.02 | 16.54 | 18.31 | -27.92 | -47.49 | 0.52 |
| 0.625 | 2.19 | 75.47 | 110.28 | 1.95 | 14.26 | 14.20 | -27.23 | -42.79 | 0.51 |
| 0.787 | 1.51 | 109.85 | 110.48 | 2.18 | 13.96 | 20.67 | -26.66 | -49.13 | 0.47 |
| 0.903 | 2.20 | 75.13 | 110.80 | 2.24 | 14.58 | 14.77 | -25.79 | -40.53 | 0.39 |
| 1.000 | 1.48 | 111.79 |  | 1.81 | 32.12 | 22.68 | -24.31 | -45.94 | 0.18 |
| ***5.0% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.30 | 133.30 |  | 2.57 | 15.72 | 18.34 | -27.89 | -37.67 | 0.24 |
| 0.156 | 2.25 | 73.67 | 99.99 | 2.89 | 18.02 | 11.3 | -28.69 | -36.69 | 0.55 |
| 0.356 | 2.17 | 76.27 | 99.52 | 3.67 | 16.75 | 12.33 | -28.56 | -36.25 | 0.53 |
| 0.480 | 1.94 | 85.49 | 98.89 | 4.20 | 17.25 | 13.56 | -28.22 | -37.10 | 0.51 |
| 0.625 | 2.22 | 74.69 | 97.94 | 3.40 | 17.92 | 11.5 | -27.48 | -35.54 | 0.50 |
| 0.787 | 2.01 | 82.21 | 96.68 | 3.08 | 17.92 | 12.76 | -26.88 | -35.76 | 0.47 |
| 0.903 | 2.60 | 63.75 | 94.47 | 3.06 | 18.09 | 9.83 | -26.12 | -33.07 | 0.41 |
| 1.000 | 1.89 | 87.54 |  | 2.87 | 19.45 | 12.73 | -24.46 | -34.72 | 0.24 |
|  |  |  |  |  |  |  |  |  |  |
| ***12-2-12 + CTAB*** | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.51 | 109.60 |  | 2.02 | 28.86 | 23.53 | -27.92 | -46.98 | 0.19 |
| 0.156 | 1.40 | 118.32 | 109.11 | 2.90 | 30.78 | 23.85 | -28.18 | -50.12 | 0.57 |
| 0.356 | 1.59 | 103.99 | 108.89 | 2.71 | 31.00 | 20.82 | -28.47 | -47.88 | 0.53 |
| 0.480 | 1.06 | 155.58 | 108.59 | 2.80 | 34.48 | 30.42 | -28.38 | -60.69 | 0.48 |
| 0.625 | 1.47 | 112.45 | 108.37 | 3.05 | 35.06 | 22.02 | -28.3 | -52.05 | 0.42 |
| 0.787 | 1.60 | 103.43 | 108.05 | 2.32 | 32.21 | 20.72 | -28.42 | -48.49 | 0.37 |
| 0.903 | 1.70 | 97.19 | 107.81 | 2.06 | 33.66 | 18.82 | -28.18 | -47.88 | 0.15 |
| 1.000 | 1.54 | 107.36 |  | 2.79 | 29.20 | 23.03 | -27.92 | -46.81 | 0.19 |
| ***5.0% tert BuOH*** | | | | | | | | | |
| 0.000 | 1.30 | 133.30 |  | 2.57 | 15.72 | 18.34 | -27.89 | -37.67 | 0.24 |
| 0.156 | 1.45 | 114.44 | 118.28 | 3.46 | 16.12 | 18.94 | -28.69 | -39.81 | 0.52 |
| 0.356 | 1.33 | 124.26 | 122.55 | 3.37 | 17.52 | 19.44 | -28.60 | -41.71 | 0.49 |
| 0.480 | 1.57 | 105.39 | 128.97 | 3.23 | 17.13 | 16.80 | -28.56 | -39.43 | 0.43 |
| 0.625 | 1.81 | 91.37 | 134.32 | 3.33 | 17.36 | 14.38 | -28.34 | -37.89 | 0.39 |
| 0.787 | 2.03 | 81.65 | 141.80 | 3.14 | 18.05 | 12.51 | -28.10 | -36.98 | 0.32 |
| 0.903 | 1.14 | 145.18 | 148.75 | 3.00 | 17.92 | 22.45 | -27.89 | -43.56 | 0.14 |
| 1.000 | 0.68 | 241.56 |  | 2.55 | 10.24 | 48.24 | -28.15 | -43.04 | 0.08 |
| ***14-2-14 + DTAB*** | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | |
| 0.000 | 0.78 | 212.21 |  | 2.85 | 31.76 | 42.51 | -32.78 | -73.38 | 0.19 |
| 0.156 | 1.16 | 142.08 | 204.64 | 3.07 | 32.67 | 27.86 | -33.16 | -61.11 | 0.20 |
| 0.356 | 1.47 | 112.88 | 203.57 | 3.79 | 31.54 | 22.83 | -32.55 | -53.99 | 0.20 |
| 0.480 | 1.22 | 136.01 | 202.50 | 3.41 | 31.56 | 27.50 | -31.95 | -57.80 | 0.21 |
| 0.625 | 1.41 | 117.74 | 198.77 | 3.75 | 30.93 | 24.28 | -30.94 | -52.88 | 0.21 |
| 0.787 | 1.19 | 138.68 | 193.43 | 4.18 | 31.03 | 28.60 | -29.28 | -55.20 | 0.28 |
| 0.903 | 1.11 | 147.54 | 198.25 | 3.62 | 32.45 | 29.74 | -25.61 | 55.68 | 0.29 |
| 1.000 | 1.04 | 158.72 |  | 2.01 | 31.40 | 31.21 | -21.08 | -51.10 | 0.13 |
| ***5.0% tert BuOH*** | | | | | | | | | |
| 0.000 | 0.55 | 297.95 |  | 3.70 | 13.31 | 54.28 | -32.97 | -56.86 | 0.14 |
| 0.156 | 0.78 | 210.67 | 279.72 | 3.40 | 13.48 | 38.24 | -33.50 | -50.61 | 0.19 |
| 0.356 | 1.68 | 98.77 | 276.68 | 3.95 | 12.50 | 18.23 | -32.91 | -40.35 | 0.19 |
| 0.480 | 1.38 | 119.82 | 270.61 | 3.54 | 13.28 | 21.55 | -32.25 | -41.83 | 0.22 |
| 0.625 | 1.68 | 98.67 | 261.50 | 4.12 | 13.60 | 17.62 | -31.09 | -39.17 | 0.23 |
| 0.787 | 1.95 | 84.82 | 250.87 | 3.76 | 14.51 | 14.88 | -30.11 | -37.52 | 0.22 |
| 0.903 | 1.62 | 105.75 | 274.58 | 2.97 | 16.25 | 21.85 | -22.58 | -34.15 | 0.29 |
| 1.000 | 1.13 | 146.08 |  | 2.84 | 11.65 | 28.02 | -21.13 | -31.38 | 0.14 |
| ***14-2-14 + TTAB*** | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | |
| 0.000 | 0.78 | 212.21 |  | 2.85 | 31.76 | 42.51 | -32.78 | -73.38 | 0.19 |
| 0.156 | 1.33 | 124.72 | 192.12 | 4.20 | 29.90 | 26.50 | -33.21 | -55.68 | 0.66 |
| 0.356 | 1.37 | 120.31 | 186.10 | 4.80 | 30.22 | 25.43 | -32.88 | -54.78 | 0.65 |
| 0.480 | 1.05 | 156.65 | 179.07 | 3.00 | 28.95 | 33.26 | -32.33 | -59.64 | 0.64 |
| 0.625 | 1.56 | 106.21 | 176.05 | 2.43 | 31.77 | 22.44 | -31.84 | -52.17 | 0.63 |
| 0.787 | 1.74 | 95.05 | 174.05 | 2.31 | 31.01 | 20.11 | -30.97 | -48.72 | 0.60 |
| 0.903 | 1.72 | 96.09 | 170.03 | 3.56 | 29.99 | 20.40 | -29.63 | -46.99 | 0.52 |
| 1.000 | 1.48 | 111.79 |  | 1.81 | 32.12 | 22.68 | -24.31 | -45.94 | 0.18 |
| ***5.0% tert BuOH*** | | | | | | | | | |
| 0.000 | 0.55 | 297.95 |  | 3.70 | 13.31 | 54.28 | -32.97 | -56.86 | 0.14 |
| 0.156 | 1.55 | 106.77 | 257.97 | 4.78 | 17.72 | 16.38 | -33.77 | -45.17 | 0.64 |
| 0.356 | 1.73 | 95.42 | 247.45 | 3.12 | 17.53 | 14.75 | -33.49 | -43.57 | 0.62 |
| 0.480 | 1.85 | 89.27 | 251.65 | 4.95 | 17.26 | 13.89 | -32.81 | -42.09 | 0.61 |
| 0.625 | 2.01 | 82.25 | 249.55 | 2.34 | 18.26 | 12.55 | -32.39 | -41.44 | 0.59 |
| 0.787 | 2.21 | 75.04 | 234.82 | 2.82 | 18.82 | 11.15 | -31.09 | -39.59 | 0.60 |
| 0.903 | 2.07 | 79.90 | 217.99 | 3.41 | 18.78 | 11.89 | -30.00 | -39.04 | 0.53 |
| 1.000 | 1.89 | 87.54 |  | 2.87 | 19.45 | 12.73 | -24.46 | -34.72 | 0.24 |
|  |  |  |  |  |  |  |  |  |  |
| ***14-2-14 + CTAB*** | | | | | | | | | |
| ***2.5% tert BuOH*** | | | | | | | | | |
| 0.000 | 0.78 | 212.21 |  | 2.85 | 31.76 | 42.51 | -32.78 | -73.38 | 0.19 |
| 0.156 | 1.01 | 163.98 | 266.51 | 3.71 | 31.96 | 33.75 | -33.40 | -64.96 | 0.65 |
| 0.356 | 1.08 | 153.39 | 262.44 | 3.76 | 31.37 | 32.21 | -32.94 | -61.92 | 0.63 |
| 0.480 | 1.80 | 91.90 | 258.38 | 3.54 | 32.10 | 18.84 | -32.55 | -50.31 | 0.60 |
| 0.625 | 1.33 | 124.71 | 246.19 | 3.44 | 32.20 | 25.72 | -32.25 | -56.44 | 0.56 |
| 0.787 | 2.10 | 78.80 | 231.28 | 4.02 | 31.57 | 16.46 | -31.54 | -46.53 | 0.52 |
| 0.903 | 1.08 | 152.42 | 221.80 | 3.30 | 32.01 | 31.44 | -30.88 | -60.27 | 0.44 |
| 1.000 | 1.54 | 107.36 |  | 2.79 | 29.20 | 23.03 | -27.92 | -46.81 | 0.19 |
| ***5.0% tert BuOH*** | | | | | | | | | |
| 0.000 | 0.55 | 297.95 |  | 3.70 | 13.31 | 54.28 | -32.97 | -56.86 | 0.14 |
| 0.156 | 0.36 | 453.35 | 364.03 | 5.67 | 13.70 | 82.73 | -34.34 | -71.75 | 0.62 |
| 0.356 | 0.83 | 198.51 | 364.03 | 4.51 | 13.04 | 37.13 | -34.24 | -49.83 | 0.59 |
| 0.480 | 0.78 | 211.77 | 347.33 | 4.62 | 12.93 | 39.11 | -33.82 | -50.32 | 0.54 |
| 0.625 | 0.61 | 270.21 | 337.59 | 4.70 | 12.42 | 51.23 | -32.48 | -52.69 | 0.51 |
| 0.787 | 0.74 | 222.09 | 329.24 | 4.22 | 13.63 | 40.75 | -32.85 | -51.09 | 0.47 |
| 0.903 | 0.32 | 508.09 | 313.93 | 3.07 | 14.34 | 90.76 | -31.50 | -75.38 | 0.42 |
| 1.000 | 0.68 | 241.56 |  | 2.55 | 10.24 | 48.24 | -28.15 | -43.04 | 0.08 |
| ***10-2-10 + DTAB*** | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | |
| 0.000 | 1.29 | 128.79 |  | 2.20 | 27.36 | 31.12 | -22.80 | -44.02 | 0.32 |
| 0.156 | 0.99 | 166.28 | 138.10 | 2.39 | 27.96 | 39.61 | -22.79 | -50.80 | 0.19 |
| 0.356 | 1.05 | 135.28 | 145.69 | 3.58 | 26.54 | 35.68 | -22.58 | -48.58 | 0.25 |
| 0.480 | 1.20 | 137.92 | 147.41 | 3.66 | 26.60 | 33.10 | -22.34 | -44.44 | 0.27 |
| 0.625 | 0.80 | 206.73 | 153.43 | 3.74 | 29.07 | 49.20 | -22.13 | -58.33 | 0.31 |
| 0.787 | 0.72 | 227.96 | 163.83 | 3.30 | 28.67 | 54.16 | -21.91 | -61.27 | 0.38 |
| 0.903 | 0.73 | 225.79 | 169.85 | 3.76 | 27.00 | 52.29 | -21.48 | -58.20 | 0.45 |
| 1.000 | 0.90 | 183.53 |  | 1.82 | 25.19 | 45.94 | -21.06 | -48.90 | 0.11 |
| ***5.0% PG*** | | | | | | | | | |
| 0.000 | 1.42 | 116.31 |  | 4.34 | 27.98 | 19.21 | -22.86 | -42.46 | 0.36 |
| 0.156 | 1.12 | 147.16 | 126.88 | 4.40 | 28.28 | 23.86 | -22.79 | -47.85 | 0.19 |
| 0.356 | 1.18 | 138.29 | 129.29 | 4.44 | 28.02 | 22.92 | -22.89 | -46.64 | 0.21 |
| 0.480 | 1.24 | 133.47 | 127.27 | 4.49 | 27.95 | 22.22 | -22.38 | -44.85 | 0.25 |
| 0.625 | 1.11 | 149.30 | 131.18 | 3.42 | 27.80 | 24.64 | -22.16 | -47.16 | 0.31 |
| 0.787 | 0.84 | 197.36 | 137.83 | 3.25 | 26.11 | 34.81 | -21.93 | -52.96 | 0.38 |
| 0.903 | 0.82 | 201.77 | 143.31 | 4.15 | 24.30 | 37.67 | -21.67 | -51.20 | 0.44 |
| 1.000 | 1.06 | 155.44 |  | 3.17 | 24.87 | 28.77 | -21.07 | -44.36 | 0.13 |
| ***10-2-10 + TTAB*** | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | |
| 0.000 | 1.29 | 128.79 |  | 2.20 | 27.36 | 31.12 | -22.80 | -44.02 | 0.32 |
| 0.156 | 1.15 | 143.41 | 126.03 | 2.27 | 26.66 | 34.74 | -23.51 | -46.54 | 0.28 |
| 0.356 | 0.95 | 174.37 | 124.92 | 2.85 | 28.33 | 42.13 | -23.61 | -53.36 | 0.34 |
| 0.480 | 1.08 | 154.13 | 123.26 | 2.34 | 26.96 | 36.72 | -23.78 | -48.81 | 0.39 |
| 0.625 | 1.42 | 117.00 | 122.33 | 2.99 | 26.62 | 27.89 | -24.01 | -42.77 | 0.43 |
| 0.787 | 1.61 | 103.03 | 121.60 | 1.98 | 27.87 | 23.73 | -24.18 | -41.48 | 0.47 |
| 0.903 | 1.87 | 88.70 | 121.04 | 2.13 | 27.97 | 20.54 | -24.26 | -39.20 | 0.50 |
| 1.000 | 1.38 | 119.57 |  | 1.67 | 28.72 | 28.25 | -24.25 | -44.93 | 0.17 |
| ***5.0% PG*** | | | | | | | | | |
| 0.000 | 1.42 | 116.31 |  | 4.34 | 27.98 | 19.21 | -22.86 | -42.47 | 0.36 |
| 0.156 | 1.15 | 143.41 | 110.89 | 2.84 | 28.40 | 23.23 | -23.55 | -48.08 | 0.30 |
| 0.356 | 0.95 | 174.37 | 108.17 | 3.08 | 28.61 | 28.15 | -23.78 | -53.81 | 0.36 |
| 0.480 | 1.07 | 154.13 | 105.63 | 3.04 | 28.55 | 25.16 | -24.01 | -50.47 | 0.40 |
| 0.625 | 1.42 | 117.00 | 103.82 | 2.65 | 28.63 | 19.03 | -24.26 | -44.26 | 0.44 |
| 0.787 | 1.61 | 103.03 | 102.55 | 2.19 | 28.44 | 16.82 | -24.33 | -41.86 | 0.48 |
| 0.903 | 1.87 | 88.70 | 101.47 | 2.73 | 28.41 | 14.42 | -24.10 | -39.50 | 0.51 |
| 1.000 | 1.69 | 98.22 |  | 3.00 | 23.60 | 18.93 | -24.35 | -38.32 | 0.21 |
|  |  |  |  |  |  |  |  |  |  |
| ***10-2-10 + CTAB*** | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | |
| 0.000 | 1.29 | 128.79 |  | 2.20 | 27.36 | 31.12 | -22.80 | -44.02 | 0.32 |
| 0.156 | 2.17 | 76.34 | 125.89 | 1.81 | 27.93 | 18.17 | -25.32 | -38.16 | 0.35 |
| 0.356 | 2.43 | 68.16 | 128.23 | 2.59 | 27.87 | 16.11 | -26.15 | -37.59 | 0.41 |
| 0.480 | 1.43 | 115.86 | 129.86 | 2.64 | 27.89 | 27.60 | -26.82 | -46.28 | 0.43 |
| 0.625 | 1.61 | 103.14 | 130.40 | 2.84 | 28.04 | 24.35 | -27.31 | -44.73 | 0.45 |
| 0.787 | 1.72 | 96.43 | 130.94 | 4.00 | 28.01 | 22.95 | -27.51 | -43.78 | 0.47 |
| 0.903 | 1.54 | 107.36 | 131.85 | 3.71 | 27.87 | 25.38 | -27.69 | -45.71 | 0.49 |
| 1.000 | 1.05 | 156.78 |  | 1.73 | 28.56 | 36.41 | -27.54 | -54.51 | 0.23 |
| ***5.0% PG*** | | | | | | | | | |
| 0.000 | 1.42 | 116.31 |  | 4.34 | 27.98 | 19.21 | -22.86 | -42.46 | 0.36 |
| 0.156 | 2.17 | 76.34 | 125.71 | 5.11 | 27.99 | 12.60 | -25.63 | -38.50 | 0.36 |
| 0.356 | 2.43 | 68.16 | 128.05 | 3.50 | 28.19 | 11.21 | -26.79 | -38.37 | 0.40 |
| 0.480 | 1.43 | 115.86 | 129.32 | 4.59 | 27.98 | 19.27 | -27.05 | -46.58 | 0.43 |
| 0.625 | 1.60 | 103.14 | 129.86 | 5.23 | 28.15 | 16.99 | -27.36 | -44.85 | 0.45 |
| 0.787 | 1.72 | 96.43 | 130.22 | 5.00 | 28.65 | 15.65 | -27.79 | -44.43 | 0.46 |
| 0.903 | 1.54 | 107.36 | 130.58 | 6.00 | 27.26 | 18.19 | -28.10 | -45.73 | 0.48 |
| 1.000 | 1.23 | 134.38 |  | 3.82 | 22.12 | 26.87 | -27.55 | -43.66 | 0.25 |
| ***12-2-12 + DTAB*** | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | |
| 0.000 | 1.17 | 141.10 |  | 2.57 | 26.00 | 34.21 | -27.89 | -49.99 | 0.29 |
| 0.156 | 1.79 | 92.33 | 150.01 | 2.47 | 26.67 | 21.44 | -28.70 | -43.53 | 0.23 |
| 0.356 | 1.81 | 92.55 | 154.78 | 2.56 | 26.89 | 21.56 | -29.51 | -45.62 | 0.26 |
| 0.480 | 1.82 | 90.94 | 155.52 | 3.25 | 26.87 | 20.90 | -28.14 | -42.86 | 0.28 |
| 0.625 | 1.90 | 87.36 | 157.22 | 3.08 | 26.86 | 20.28 | -27.82 | -41.96 | 0.30 |
| 0.787 | 1.06 | 155.43 | 160.19 | 3.29 | 27.60 | 35.80 | -26.79 | -52.63 | 0.32 |
| 0.903 | 1.67 | 99.39 | 164.01 | 3.17 | 27.80 | 22.42 | -25.64 | -42.29 | 0.36 |
| 1.000 | 0.90 | 183.53 |  | 1.82 | 25.19 | 45.94 | -21.06 | -48.90 | 0.11 |
| ***5.0% PG*** | | | | | | | | | |
| 0.000 | 1.43 | 115.90 |  | 3.61 | 27.37 | 19.63 | -28.14 | -47.25 | 0.36 |
| 0.156 | 2.19 | 75.54 | 125.39 | 3.81 | 28.38 | 12.33 | -29.22 | -42.14 | 0.26 |
| 0.356 | 2.16 | 77.12 | 127.24 | 4.02 | 28.08 | 12.47 | -29.04 | -42.24 | 0.26 |
| 0.480 | 2.13 | 77.86 | 128.16 | 4.25 | 28.51 | 12.61 | -28.74 | -42.11 | 0.27 |
| 0.625 | 2.38 | 69.53 | 130.14 | 4.64 | 28.46 | 11.36 | -28.14 | -40.06 | 0.28 |
| 0.787 | 1.31 | 126.10 | 131.32 | 3.80 | 28.78 | 20.44 | -27.20 | -49.06 | 0.34 |
| 0.903 | 1.96 | 84.66 | 134.09 | 3.22 | 27.25 | 14.35 | -26.15 | -40.05 | 0.37 |
| 1.000 | 1.06 | 155.44 |  | 3.17 | 24.87 | 28.77 | -21.07 | -44.36 | 0.35 |
| ***12-2-12 + TTAB*** | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | |
| 0.000 | 1.17 | 141.10 |  | 2.57 | 26.00 | 34.21 | -27.89 | -49.99 | 0.29 |
| 0.156 | 1.92 | 86.32 | 129.04 | 4.57 | 29.67 | 19.54 | -28.19 | -43.61 | 0.38 |
| 0.356 | 1.28 | 129.88 | 132.91 | 4.53 | 29.40 | 29.61 | -28.03 | -51.03 | 0.46 |
| 0.480 | 1.40 | 118.14 | 135.07 | 2.14 | 29.83 | 26.95 | -27.79 | -49.12 | 0.50 |
| 0.625 | 1.19 | 138.80 | 135.93 | 2.33 | 29.67 | 31.41 | -27.13 | -51.93 | 0.51 |
| 0.787 | 1.09 | 151.72 | 136.79 | 2.38 | 29.00 | 35.14 | -26.54 | -53.05 | 0.55 |
| 0.903 | 0.98 | 169.79 | 138.08 | 1.90 | 28.94 | 39.43 | -25.88 | -55.47 | 0.57 |
| 1.000 | 1.39 | 119.57 |  | 1.67 | 28.72 | 28.25 | -24.25 | -44.93 | 0.17 |
| ***5.0% PG*** | | | | | | | | | |
| 0.000 | 1.43 | 115.91 |  | 3.61 | 27.37 | 19.63 | -28.14 | -47.25 | 0.36 |
| 0.156 | 1.09 | 151.72 | 112.90 | 5.20 | 28.10 | 25.04 | -28.25 | -53.92 | 0.41 |
| 0.356 | 0.92 | 180.48 | 111.84 | 5.28 | 27.72 | 30.20 | -28.42 | -58.55 | 0.48 |
| 0.480 | 1.16 | 143.10 | 111.13 | 4.63 | 27.72 | 23.81 | -28.15 | -52.04 | 0.52 |
| 0.625 | 1.07 | 154.66 | 110.78 | 5.64 | 27.50 | 25.99 | -27.33 | -52.94 | 0.52 |
| 0.787 | 1.00 | 165.64 | 109.19 | 5.50 | 25.65 | 29.58 | -26.72 | -52.31 | 0.54 |
| 0.903 | 0.80 | 206.70 | 106.53 | 3.97 | 26.67 | 35.52 | -26.19 | -59.39 | 0.59 |
| 1.000 | 1.69 | 98.22 |  | 3.00 | 23.60 | 18.93 | -24.35 | -38.32 | 0.21 |
|  |  |  |  |  |  |  |  |  |  |
| ***12-2-12 + CTAB*** | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | |
| 0.000 | 1.17 | 141.10 |  | 2.57 | 26.00 | 34.21 | -27.89 | -49.99 | 0.29 |
| 0.156 | 1.71 | 97.12 | 153.64 | 2.95 | 28.56 | 21.97 | -28.26 | -44.97 | 0.16 |
| 0.356 | 1.78 | 93.31 | 151.29 | 2.65 | 27.95 | 21.58 | -28.30 | -44.01 | 0.35 |
| 0.480 | 1.54 | 107.55 | 149.56 | 3.09 | 28.30 | 24.78 | -28.14 | -46.47 | 0.40 |
| 0.625 | 1.45 | 114.21 | 147.84 | 2.56 | 28.37 | 26.28 | -28.18 | -47.70 | 0.47 |
| 0.787 | 2.53 | 65.67 | 146.43 | 1.91 | 29.17 | 15.13 | -28.07 | -39.61 | 0.53 |
| 0.903 | 1.16 | 143.67 | 144.23 | 1.15 | 29.27 | 33.00 | -27.79 | -53.05 | 0.55 |
| 1.000 | 1.06 | 156.78 |  | 1.73 | 28.56 | 36.41 | -27.54 | -54.51 | 0.23 |
| ***5.0% PG*** | | | | | | | | | |
| 0.000 | 1.43 | 115.91 |  | 3.61 | 27.37 | 19.63 | -28.14 | -47.25 | 0.36 |
| 0.156 | 1.56 | 106.11 | 120.71 | 3.16 | 27.45 | 17.99 | -28.47 | -46.01 | 0.16 |
| 0.356 | 1.52 | 108.74 | 122.37 | 4.21 | 27.19 | 18.60 | -28.38 | -46.19 | 0.36 |
| 0.480 | 1.79 | 92.82 | 124.40 | 3.87 | 24.60 | 17.16 | -28.26 | -42.01 | 0.42 |
| 0.625 | 1.70 | 97.54 | 126.07 | 4.71 | 23.83 | 17.84 | -28.11 | -42.10 | 0.47 |
| 0.787 | 1.85 | 89.55 | 128.47 | 4.80 | 23.60 | 16.29 | -27.89 | -40.62 | 0.52 |
| 0.903 | 1.25 | 132.32 | 131.05 | 4.17 | 23.20 | 24.22 | -27.79 | -46.28 | 0.54 |
| 1.000 | 1.23 | 134.38 |  | 3.82 | 22.12 | 26.87 | -27.55 | -43.66 | 0.25 |
| ***14-2-14 + DTAB*** | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | |
| 0.000 | 0.57 | 292.25 |  | 3.33 | 29.22 | 63.81 | -32.55 | -83.98 | 0.14 |
| 0.156 | 0.71 | 232.26 | 280.29 | 4.04 | 26.67 | 53.94 | -33.18 | -70.49 | 0.20 |
| 0.356 | 0.86 | 258.36 | 295.63 | 3.65 | 26.58 | 45.48 | -32.65 | -64.51 | 0.21 |
| 0.480 | 1.00 | 164.62 | 278.11 | 4.28 | 25.72 | 39.18 | -32.33 | -57.83 | 0.19 |
| 0.625 | 1.29 | 128.59 | 273.76 | 5.16 | 25.63 | 30.60 | -31.62 | -51.47 | 0.19 |
| 0.787 | 1.52 | 108.78 | 265.07 | 5.00 | 25.84 | 25.82 | -29.90 | -46.83 | 0.24 |
| 0.903 | 1.45 | 113.85 | 255.28 | 5.57 | 26.03 | 26.91 | -28.42 | -46.27 | 0.27 |
| 1.000 | 0.90 | 183.53 |  | 1.82 | 25.19 | 45.94 | -21.06 | -48.90 | 0.11 |
| ***5.0% PG*** | | | | | | | | | |
| 0.000 | 0.36 | 456.43 |  | 5.62 | 27.02 | 86.76 | -33.20 | -107.48 | 0.09 |
| 0.156 | 0.63 | 262.82 | 143.34 | 6.23 | 27.78 | 42.93 | -33.50 | -77.48 | 0.18 |
| 0.356 | 1.11 | 212.24 | 144.23 | 5.49 | 27.84 | 24.98 | -33.22 | -71.19 | 0.19 |
| 0.480 | 1.29 | 128.04 | 146.98 | 5.00 | 27.81 | 20.74 | -32.91 | -54.36 | 0.19 |
| 0.625 | 1.20 | 137.91 | 154.26 | 5.39 | 27.66 | 22.54 | -32.25 | -55.22 | 0.19 |
| 0.787 | 1.74 | 95.01 | 201.59 | 4.71 | 27.98 | 15.40 | -31.09 | -47.10 | 0.25 |
| 0.903 | 2.38 | 69.63 | 223.43 | 5.07 | 26.85 | 11.80 | -30.11 | -41.37 | 0.30 |
| 1.000 | 1.79 | 92.38 |  | 3.17 | 24.87 | 17.10 | -21.07 | -34.91 | 0.13 |
| ***14-2-14 + TTAB*** | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | |
| 0.000 | 0.57 | 292.25 |  | 3.33 | 29.22 | 63.81 | -32.55 | -83.98 | 0.14 |
| 0.156 | 1.43 | 115.75 | 212.81 | 2.84 | 25.46 | 29.11 | -33.10 | -50.85 | 0.53 |
| 0.356 | 2.35 | 70.52 | 231.81 | 2.11 | 26.00 | 17.52 | -32.91 | -43.96 | 0.59 |
| 0.480 | 2.29 | 72.42 | 249.08 | 1.56 | 26.19 | 17.98 | -32.78 | -44.21 | 0.60 |
| 0.625 | 2.02 | 82.25 | 259.44 | 1.76 | 27.37 | 20.41 | -31.78 | -45.34 | 0.63 |
| 0.787 | 2.77 | 59.88 | 271.52 | 2.00 | 26.37 | 14.86 | -30.83 | -40.34 | 0.66 |
| 0.903 | 2.30 | 72.26 | 276.70 | 2.03 | 27.30 | 17.47 | -29.58 | -41.46 | 0.71 |
| 1.000 | 1.39 | 119.57 |  | 1.67 | 28.72 | 28.25 | -24.25 | -44.93 | 0.17 |
| ***5.0% PG*** | | | | | | | | | |
| 0.000 | 0.36 | 456.43 |  | 5.62 | 27.02 | 86.76 | -33.20 | 107.49 | 0.09 |
| 0.156 | 1.33 | 124.72 | 127.96 | 6.31 | 18.22 | 20.91 | -33.27 | 53.56 | 0.54 |
| 0.356 | 1.60 | 103.72 | 126.21 | 6.50 | 20.92 | 22.81 | -33.02 | 44.81 | 0.63 |
| 0.480 | 1.56 | 106.12 | 124.46 | 5.76 | 17.98 | 22.16 | -32.82 | 46.20 | 0.60 |
| 0.625 | 1.84 | 90.24 | 122.71 | 5.89 | 16.84 | 19.16 | -32.50 | 43.51 | 0.63 |
| 0.787 | 2.03 | 81.66 | 122.01 | 4.88 | 15.47 | 18.50 | -31.00 | 39.85 | 0.67 |
| 0.903 | 1.99 | 83.55 | 118.51 | 2.62 | 14.25 | 19.40 | -29.94 | 38.41 | 0.69 |
| 1.000 | 1.69 | 98.22 |  | 3.00 | 23.60 | 18.93 | -34.35 | 38.31 | 0.21 |
|  |  |  |  |  |  |  |  |  |  |
| ***14-2-14 + CTAB*** | | | | | | | | | |
| ***2.5% PG*** | | | | | | | | | |
| 0.000 | 0.57 | 292.25 |  | 3.33 | 29.22 | 63.81 | -32.55 | -83.98 | 0.14 |
| 0.156 | 1.01 | 163.98 | 221.80 | 3.71 | 31.96 | 33.76 | 33.40 | -64.97 | 0.44 |
| 0.356 | 1.08 | 153.39 | 231.28 | 3.76 | 31.37 | 32.21 | 32.94 | -61.92 | 0.52 |
| 0.480 | 1.80 | 91.90 | 246.19 | 3.55 | 32.10 | 18.85 | -32.55 | -50.31 | 0.56 |
| 0.625 | 1.33 | 124.71 | 258.38 | 3.44 | 32.20 | 25.73 | -32.25 | -56.44 | 0.60 |
| 0.787 | 2.10 | 78.81 | 262.44 | 4.02 | 31.57 | 16.46 | -31.54 | -46.53 | 0.63 |
| 0.903 | 1.09 | 152.43 | 266.51 | 3.31 | 32.01 | 31.44 | -30.89 | -60.28 | 0.65 |
| 1.000 | 1.06 | 156.78 |  | 1.73 | 28.56 | 36.41 | -27.54 | -54.51 | 0.23 |
| ***5.0% PG*** | | | | | | | | | |
| 0.000 | 0.36 | 456.43 |  | 5.62 | 27.02 | 86.76 | -33.20 | -91.60 | 0.09 |
| 0.156 | 0.53 | 309.88 | 369.48 | 9.27 | 16.84 | 56.46 | -34.64 | -77.29 | 0.42 |
| 0.356 | 0.77 | 216.24 | 363.04 | 6.05 | 17.98 | 40.45 | -34.26 | -62.84 | 0.49 |
| 0.480 | 0.43 | 388.84 | 363.04 | 11.21 | 20.24 | 73.75 | -33.18 | -83.09 | 0.52 |
| 0.625 | 0.53 | 315.13 | 350.16 | 11.41 | 20.92 | 57.70 | -32.48 | -75.57 | 0.55 |
| 0.787 | 0.92 | 180.96 | 337.28 | 12.83 | 18.88 | 31.38 | -31.24 | -57.52 | 0.55 |
| 0.903 | 0.72 | 230.24 | 301.85 | 10.51 | 27.02 | 42.35 | -30.77 | -63.45 | 0.57 |
| 1.000 | 1.23 | 134.39 |  | 3.82 | 22.12 | 26.87 | -27.55 | -43.66 | 0.25 |
| ***10-2-10 + DTAB*** | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | |
| 0.000 | 0.87 | 189.95 |  | 1.75 | 19.87 | 54.43 | -22.83 | -45.56 | 0.21 |
| 0.156 | 0.68 | 240.84 | 204.89 | 3.25 | 20.41 | 66.51 | -22.40 | -52.01 | - |
| 0.356 | 1.23 | 156.85 | 201.32 | 2.65 | 20.35 | 62.32 | -25.36 | -45.25 | 0.20 |
| 0.480 | 1.16 | 142.00 | 211.46 | 3.07 | 20.87 | 39.84 | -22.07 | -39.92 | 0.19 |
| 0.625 | 1.26 | 131.39 | 223.42 | 2.99 | 21.59 | 36.61 | -21.84 | -38.93 | 0.25 |
| 0.787 | 0.96 | 172.88 | 236.57 | 2.94 | 20.44 | 48.99 | -21.55 | -42.84 | 0.34 |
| 0.903 | 0.75 | 220.69 | 243.14 | 2.67 | 20.82 | 61.44 | -21.48 | -49.15 | 0.42 |
| 1.000 | 0.66 | 249.72 |  | 2.27 | 20.40 | 70.76 | -20.99 | -51.68 | 0.08 |
| ***5.0% Gly*** | | | | | | | | | |
| 0.000 | 1.04 | 159.79 |  | 3.09 | 14.54 | 26.52 | -22.89 | -36.88 | 0.26 |
| 0.156 | 0.69 | 240.84 | 168.99 | 3.13 | 13.55 | 41.99 | -22.50 | -42.16 | 0.15 |
| 0.356 | 0.83 | 192.24 | 172.29 | 3.05 | 13.21 | 36.72 | -22.91 | -35.61 | 0.15 |
| 0.480 | 1.17 | 142.00 | 171.62 | 2.91 | 12.54 | 25.28 | -22.20 | -32.93 | 0.14 |
| 0.625 | 1.26 | 131.39 | 178.19 | 2.74 | 12.85 | 23.30 | -22.06 | -32.23 | 0.22 |
| 0.787 | 0.96 | 172.88 | 207.08 | 2.58 | 13.17 | 30.33 | -21.88 | -35.59 | 0.26 |
| 0.903 | 0.75 | 220.69 | 209.06 | 2.55 | 12.77 | 39.38 | -21.59 | -38.56 | 0.44 |
| 1.000 | 0.73 | 225.47 |  | 2.21 | 11.25 | 42.43 | -21.06 | -36.34 | 0.09 |
| ***10-2-10 + TTAB*** | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | |
| 0.000 | 0.87 | 189.95 |  | 1.75 | 19.87 | 54.43 | -22.83 | -45.56 | 0.21 |
| 0.156 | 0.96 | 171.31 | 164.89 | 2.07 | 20.43 | 47.99 | -23.37 | -44.45 | 0.24 |
| 0.356 | 1.24 | 133.30 | 147.55 | 2.82 | 20.70 | 37.05 | -23.56 | -40.18 | 0.31 |
| 0.480 | 1.11 | 149.40 | 134.06 | 3.12 | 22.19 | 40.72 | -23.71 | -43.68 | 0.36 |
| 0.625 | 1.97 | 84.04 | 125.39 | 3.24 | 21.23 | 23.23 | -23.88 | -34.62 | 0.41 |
| 0.787 | 1.55 | 106.95 | 109.01 | 3.19 | 21.39 | 29.54 | -23.98 | -37.76 | 0.46 |
| 0.903 | 1.77 | 93.59 | 102.27 | 3.48 | 21.49 | 25.79 | -24.06 | -36.17 | 0.49 |
| 1.000 | 1.19 | 139.63 |  | 1.84 | 24.10 | 36.37 | -24.03 | -44.30 | 0.14 |
| ***5.0% Gly*** | | | | | | | | | |
| 0.000 | 1.04 | 159.79 |  | 3.09 | 14.54 | 26.52 | -22.89 | -36.88 | 0.26 |
| 0.156 | 1.32 | 125.01 | 164.42 | 2.93 | 14.05 | 21.42 | -23.52 | -34.10 | 0.26 |
| 0.356 | 1.11 | 149.17 | 166.87 | 3.16 | 13.85 | 25.83 | -23.66 | -36.11 | 0.32 |
| 0.480 | 0.98 | 168.19 | 169.00 | 3.52 | 13.85 | 29.02 | -23.80 | -37.83 | 0.36 |
| 0.625 | 1.27 | 129.88 | 170.81 | 3.80 | 13.95 | 22.25 | -24.00 | -34.91 | 0.39 |
| 0.787 | 1.40 | 118.58 | 172.94 | 3.79 | 13.75 | 20.46 | -24.08 | -33.91 | 0.44 |
| 0.903 | 1.22 | 135.66 | 173.92 | 3.84 | 12.76 | 24.13 | -24.14 | -34.56 | 0.47 |
| 1.000 | 0.94 | 176.38 |  | 2.14 | 10.64 | 33.84 | -24.09 | -35.40 | 0.11 |
|  |  |  |  |  |  |  |  |  |  |
| ***10-2-10 + CTAB*** | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | |
| 0.000 | 0.87 | 189.95 |  | 1.75 | 19.87 | 54.43 | -22.83 | -45.56 | 0.21 |
| 0.156 | 1.73 | 95.67 | 178.36 | 2.15 | 20.18 | 26.66 | -24.89 | -36.52 | 0.34 |
| 0.356 | 1.30 | 127.16 | 175.24 | 1.95 | 20.10 | 35.34 | -25.85 | -41.24 | 0.40 |
| 0.480 | 1.36 | 122.06 | 173.46 | 1.81 | 20.09 | 34.02 | -26.35 | -41.12 | 0.44 |
| 0.625 | 1.34 | 123.14 | 171.23 | 1.98 | 20.17 | 34.69 | -26.82 | -41.77 | 0.47 |
| 0.787 | 1.63 | 101.52 | 170.12 | 2.13 | 19.33 | 28.83 | -27.23 | -39.05 | 0.49 |
| 0.903 | 1.50 | 110.58 | 178.36 | 2.38 | 18.57 | 31.68 | -27.45 | -39.82 | 0.50 |
| 1.000 | 0.99 | 167.67 |  | 1.46 | 21.26 | 47.04 | -27.48 | -48.95 | 0.22 |
| ***5.0% Gly*** | | | | | | | | | |
| 0.000 | 1.04 | 159.79 |  | 3.09 | 14.54 | 26.52 | -22.89 | -36.88 | 0.26 |
| 0.156 | 1.45 | 113.90 | 151.77 | 3.26 | 14.05 | 19.51 | -25.21 | -34.85 | 0.34 |
| 0.356 | 2.05 | 80.92 | 151.11 | 2.96 | 13.89 | 13.94 | -26.00 | -32.77 | 0.37 |
| 0.480 | 1.50 | 110.38 | 149.77 | 3.87 | 14.15 | 18.91 | -26.46 | -35.87 | 0.42 |
| 0.625 | 1.47 | 112.24 | 148.10 | 3.25 | 15.45 | 18.35 | -27.05 | -37.49 | 0.44 |
| 0.787 | 1.50 | 110.59 | 146.93 | 2.51 | 15.05 | 18.28 | -27.39 | -37.42 | 0.47 |
| 0.903 | 1.44 | 114.93 | 151.77 | 2.13 | 14.86 | 19.13 | -27.60 | -37.88 | 0.47 |
| 1.000 | 1.16 | 143.04 |  | 2.21 | 9.65 | 28.04 | -27.58 | -35.89 | 0.14 |
| ***12-2-12 + DTAB*** | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | |
| 0.000 | 1.62 | 102.39 |  | 1.90 | 21.83 | 28.15 | -27.51 | -40.97 | 0.41 |
| 0.156 | 3.32 | 49.86 | 133.33 | 3.04 | 21.31 | 13.99 | -28.18 | -34.58 | 0.35 |
| 0.356 | 2.15 | 65.58 | 123.35 | 3.25 | 21.56 | 14.52 | -28.69 | -35.26 | 0.35 |
| 0.480 | 2.31 | 71.62 | 137.75 | 4.66 | 21.27 | 19.92 | -27.51 | -36.68 | 0.35 |
| 0.625 | 3.28 | 50.46 | 142.17 | 4.48 | 19.95 | 14.15 | -26.79 | -32.86 | 0.38 |
| 0.787 | 1.42 | 116.79 | 151.01 | 3.02 | 19.51 | 32.92 | -26.15 | -39.88 | 0.40 |
| 0.903 | 1.57 | 105.58 | 173.11 | 3.63 | 19.76 | 29.62 | -24.56 | -37.12 | 0.43 |
| 1.000 | 0.66 | 249.72 |  | 2.26 | 20.40 | 70.76 | -20.99 | -51.68 | 0.08 |
| ***5.0% Gly*** | | | | | | | | | |
| 0.000 | 1.17 | 141.78 |  | 2.40 | 18.45 | 20.62 | -27.72 | -43.48 | 0.29 |
| 0.156 | 0.97 | 170.24 | 156.00 | 2.39 | 18.18 | 25.24 | -28.56 | -47.20 | 0.18 |
| 0.356 | 1.05 | 159.64 | 169.24 | 2.58 | 18.33 | 22.88 | -28.12 | -46.92 | 0.19 |
| 0.480 | 1.15 | 144.47 | 161.86 | 2.84 | 18.45 | 21.01 | -27.73 | -43.78 | 0.23 |
| 0.625 | 1.18 | 140.59 | 165.21 | 3.16 | 17.45 | 21.29 | -27.12 | -41.90 | 0.25 |
| 0.787 | 0.92 | 179.36 | 171.91 | 3.10 | 17.44 | 27.07 | -26.66 | -45.50 | 0.30 |
| 0.903 | 1.02 | 161.90 | 178.60 | 3.76 | 17.89 | 24.09 | -24.85 | -42.30 | 0.34 |
| 1.000 | 0.73 | 225.47 |  | 2.21 | 11.25 | 42.43 | -21.06 | -36.34 | 0.09 |
| ***12-2-12 + TTAB*** | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | |
| 0.000 | 1.62 | 102.40 |  | 1.91 | 21.83 | 28.15 | -27.51 | -40.97 | 0.41 |
| 0.156 | 1.52 | 109.16 | 124.36 | 3.76 | 25.30 | 28.03 | -27.66 | -44.30 | 0.38 |
| 0.356 | 1.64 | 101.37 | 118.03 | 3.36 | 23.62 | 26.57 | -27.51 | -41.93 | 0.46 |
| 0.480 | 1.49 | 111.44 | 114.30 | 3.06 | 20.88 | 30.38 | -27.16 | -41.14 | 0.51 |
| 0.625 | 1.59 | 113.38 | 111.32 | 2.58 | 20.31 | 29.30 | -26.71 | -39.49 | 0.54 |
| 0.787 | 1.46 | 109.51 | 107.97 | 1.83 | 19.28 | 32.06 | -26.19 | -39.36 | 0.56 |
| 0.903 | 1.51 | 104.44 | 105.74 | 1.62 | 22.85 | 29.39 | -25.59 | -40.67 | 0.59 |
| 1.000 | 1.19 | 139.63 |  | 1.84 | 24.10 | 36.37 | -24.04 | -44.31 | 0.14 |
| ***5.0% Gly*** | | | | | | | | | |
| 0.000 | 1.17 | 141.78 |  | 2.40 | 18.45 | 20.62 | -27.72 | -43.48 | 0.29 |
| 0.156 | 1.44 | 115.32 | 145.93 | 3.60 | 16.96 | 17.81 | -28.15 | -39.93 | 0.30 |
| 0.356 | 1.40 | 118.70 | 147.32 | 3.51 | 17.50 | 17.94 | -27.97 | -40.48 | 0.36 |
| 0.480 | 1.32 | 126.11 | 150.43 | 3.53 | 16.85 | 19.48 | -27.59 | -40.39 | 0.42 |
| 0.625 | 1.42 | 116.85 | 154.23 | 3.26 | 17.54 | 17.56 | -27.31 | -39.65 | 0.48 |
| 0.787 | 0.84 | 196.59 | 157.00 | 2.74 | 17.72 | 29.34 | -26.50 | -47.47 | 0.52 |
| 0.903 | 1.20 | 138.58 | 165.65 | 2.48 | 17.84 | 20.66 | -26.26 | -41.13 | 0.61 |
| 1.000 | 0.94 | 176.38 |  | 2.15 | 10.64 | 33.84 | -24.10 | -43.48 | 0.11 |
|  |  |  |  |  |  |  |  |  |  |
| ***12-2-12 + CTAB*** | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | |
| 0.000 | 1.62 | 102.40 |  | 1.91 | 21.83 | 28.15 | -27.51 | -40.97 | 0.41 |
| 0.156 | 1.22 | 135.78 | 142.73 | 1.79 | 19.99 | 37.85 | -28.03 | -44.38 | 0.16 |
| 0.356 | 1.24 | 133.81 | 142.52 | 1.69 | 20.99 | 36.39 | -27.93 | -44.84 | 0.30 |
| 0.480 | 1.36 | 121.92 | 142.22 | 1.78 | 22.09 | 32.57 | -27.86 | -45.83 | 0.37 |
| 0.625 | 1.24 | 133.63 | 142.09 | 1.85 | 22.07 | 35.53 | -27.82 | -46.44 | 0.43 |
| 0.787 | 1.14 | 146.06 | 141.98 | 1.64 | 21.08 | 39.72 | -27.89 | -44.34 | 0.46 |
| 0.903 | 1.03 | 160.81 | 141.93 | 1.74 | 22.19 | 43.84 | -27.79 | -49.28 | 0.52 |
| 1.000 | 0.99 | 167.67 |  | 1.46 | 21.26 | 47.04 | -27.48 | -48.95 | 0.22 |
| ***5.0% Gly*** | | | | | | | | | |
| 0.000 | 1.17 | 141.78 |  | 2.40 | 18.45 | 20.62 | -27.72 | -43.48 | 0.29 |
| 0.156 | 1.22 | 135.78 | 142.77 | 2.82 | 17.32 | 20.42 | -28.26 | -42.43 | 0.17 |
| 0.356 | 1.24 | 133.81 | 142.59 | 2.58 | 17.32 | 19.97 | -28.26 | -42.22 | 0.30 |
| 0.480 | 1.36 | 121.92 | 142.44 | 2.60 | 16.78 | 18.59 | -28.14 | -40.47 | 0.39 |
| 0.625 | 1.24 | 133.63 | 142.32 | 2.23 | 16.99 | 20.61 | -28.07 | -41.74 | 0.43 |
| 0.787 | 1.14 | 146.06 | 142.21 | 2.16 | 17.08 | 20.40 | -27.99 | -42.98 | 0.50 |
| 0.903 | 1.02 | 160.81 | 142.05 | 1.89 | 17.04 | 24.66 | -27.89 | -44.40 | 0.56 |
| 1.000 | 1.16 | 143.05 |  | 2.21 | 9.65 | 28.04 | -27.58 | -35.89 | 0.14 |
| ***14-2-14 + DTAB*** | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | |
| 0.000 | 1.06 | 156.78 |  | 1.66 | 30.00 | 35.36 | -31.95 | -60.28 | 0.26 |
| 0.156 | 0.94 | 175.79 | 167.00 | 1.71 | 22.96 | 47.13 | -32.33 | -56.64 | 0.18 |
| 0.356 | 1.15 | 124.23 | 175.56 | 2.50 | 21.25 | 48.56 | -31.26 | -50.26 | 0.16 |
| 0.480 | 1.29 | 128.04 | 170.72 | 2.14 | 20.90 | 35.66 | -31.32 | -47.44 | 0.14 |
| 0.625 | 1.26 | 130.81 | 171.65 | 2.69 | 21.39 | 36.13 | -30.61 | -47.46 | 0.18 |
| 0.787 | 1.11 | 148.33 | 173.50 | 3.36 | 22.18 | 40.80 | -29.54 | -49.36 | 0.21 |
| 0.903 | 0.83 | 198.21 | 176.29 | 3.55 | 22.20 | 54.02 | -28.18 | -54.68 | 0.24 |
| 1.000 | 0.66 | 249.72 | 229.83 | 2.26 | 20.91 | 70.00 | -20.99 | -52.44 | 0.08 |
| ***5.0% Gly*** | | | | | | | | | |
| 0.000 | 0.70 | 235.17 |  | 1.36 | 9.80 | 45.75 | -32.83 | -46.72 | 0.17 |
| 0.156 | 0.94 | 175.79 | 233.03 | 1.29 | 17.34 | 26.64 | -33.20 | -51.56 | 0.24 |
| 0.356 | 1.12 | 161.12 | 233.11 | 1.44 | 17.14 | 23.34 | -32.92 | -48.84 | 0.26 |
| 0.480 | 1.29 | 128.04 | 232.16 | 1.80 | 16.94 | 19.63 | -31.93 | -44.99 | 0.27 |
| 0.625 | 1.26 | 130.80 | 231.77 | 2.42 | 17.23 | 19.83 | -31.01 | -44.59 | 0.32 |
| 0.787 | 1.11 | 148.33 | 230.80 | 3.19 | 17.07 | 22.72 | -29.85 | -45.10 | 0.36 |
| 0.903 | 0.83 | 198.21 | 229.83 | 2.42 | 17.12 | 30.41 | -29.45 | -49.89 | 0.37 |
| 1.000 | 0.73 | 225.47 |  | 2.21 | 11.25 | 42.43 | -21.06 | -36.34 | 0.09 |
| ***14-2-14 + TTAB*** | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | |
| 0.000 | 1.06 | 156.78 |  | 1.67 | 30.00 | 35.36 | -31.95 | -60.28 | 0.26 |
| 0.156 | 0.96 | 172.85 | 148.94 | 3.09 | 21.29 | 47.74 | -32.13 | -54.30 | 0.54 |
| 0.356 | 2.35 | 70.51 | 150.50 | 2.09 | 21.90 | 19.21 | 32.06 | -41.36 | 0.59 |
| 0.480 | 1.86 | 89.27 | 152.94 | 1.74 | 20.93 | 24.87 | -31.85 | -43.10 | 0.61 |
| 0.625 | 1.51 | 109.77 | 153.99 | 2.01 | 20.20 | 30.58 | -31.21 | -44.56 | 0.62 |
| 0.787 | 2.79 | 59.48 | 154.34 | 2.64 | 18.57 | 17.04 | -30.38 | -37.03 | 0.65 |
| 0.903 | 1.96 | 84.42 | 154.86 | 2.15 | 19.87 | 23.68 | -29.05 | -39.15 | 0.67 |
| 1.000 | 1.19 | 139.63 |  | 1.84 | 24.10 | 36.37 | -24.04 | -44.31 | 0.14 |
| ***5.0% Gly*** | | | | | | | | | |
| 0.000 | 0.70 | 235.17 |  | 1.36 | 9.80 | 45.75 | -32.84 | -46.72 | 0.17 |
| 0.156 | 0.88 | 188.29 | 182.21 | 1.65 | 17.52 | 28.33 | -33.08 | -52.94 | 0.46 |
| 0.356 | 1.41 | 117.51 | 183.64 | 1.58 | 16.94 | 18.02 | -32.84 | -44.82 | 0.59 |
| 0.480 | 1.35 | 122.96 | 185.31 | 1.65 | 17.14 | 18.78 | -32.25 | -44.94 | 0.64 |
| 0.625 | 1.24 | 133.38 | 185.66 | 1.88 | 17.52 | 19.74 | -31.65 | -45.76 | 0.70 |
| 0.787 | 1.67 | 99.14 | 186.14 | 2.19 | 17.97 | 14.70 | -30.60 | -41.33 | 0.72 |
| 0.903 | 1.17 | 141.98 | 186.62 | 1.61 | 16.99 | 21.90 | -29.44 | -43.97 | 0.72 |
| 1.000 | 0.94 | 176.38 |  | 2.15 | 10.64 | 33.84 | -24.09 | -35.40 | 0.11 |
|  |  |  |  |  |  |  |  |  |  |
| ***14-2-14 + CTAB*** | | | | | | | | | |
| ***2.5% Gly*** | | | | | | | | | |
| 0.000 | 1.06 | 156.78 |  | 1.67 | 30.00 | 35.36 | -31.95 | -60.28 | 0.26 |
| 0.156 | 0.86 | 192.19 | 190.03 | 2.95 | 25.69 | 48.11 | -32.37 | -62.11 | 0.45 |
| 0.356 | 0.38 | 435.77 | 202.00 | 2.23 | 25.10 | 110.36 | -32.06 | -97.94 | 0.54 |
| 0.480 | 0.55 | 298.71 | 205.69 | 1.82 | 24.89 | 76.57 | -31.85 | -76.63 | 0.56 |
| 0.625 | 0.82 | 201.35 | 212.14 | 1.36 | 21.23 | 56.09 | -31.56 | -57.31 | 0.60 |
| 0.787 | 0.83 | 198.39 | 216.74 | 1.78 | 21.56 | 54.44 | -30.51 | -56.22 | 0.64 |
| 0.903 | 0.76 | 217.88 | 220.43 | 1.81 | 22.19 | 59.39 | -29.48 | -58.60 | 0.65 |
| 1.000 | 0.99 | 167.67 |  | 1.46 | 21.26 | 47.04 | -27.48 | -48.95 | 0.22 |
| ***5.0% Gly*** | | | | | | | | | |
| 0.000 | 0.70 | 235.17 |  | 1.36 | 9.80 | 45.75 | -32.84 | -46.72 | 0.17 |
| 0.156 | 0.86 | 192.19 | 191.87 | 2.56 | 13.51 | 33.67 | -33.70 | -49.34 | 0.44 |
| 0.356 | 0.38 | 435.77 | 201.08 | 4.53 | 11.93 | 78.92 | -34.29 | -65.60 | 0.51 |
| 0.480 | 0.55 | 298.71 | 207.53 | 2.64 | 12.94 | 52.46 | -32.90 | -56.19 | 0.55 |
| 0.625 | 0.82 | 201.35 | 208.45 | 2.25 | 12.67 | 35.93 | -32.04 | -47.41 | 0.56 |
| 0.787 | 0.84 | 198.39 | 207.53 | 2.29 | 12.88 | 34.79 | -31.13 | -46.52 | 0.55 |
| 0.903 | 0.76 | 217.88 | 215.82 | 2.26 | 13.04 | 38.27 | -30.52 | -47.64 | 0.61 |
| 1.000 | 1.16 | 143.05 |  | 2.21 | 9.65 | 28.04 | -27.58 | -35.89 | 0.14 |

d Dubey, 2013; e Modaressi et al., 2007, P\* stands for P or Peff

**Table S6:** **Relative viscosity (ηr) values for the mixtures of gemini and monomeric surfactants in aqueous solutions and in aqueous solvent solutions (2.5 and 5.0%) at different mole fractions of monomeric surfactants (α).**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **α** | **Water** | **PrOH** | | **BuOH** | | **tert BuOH** | | **PG** | | **Gly** | |
| **2.5% 5.0%** | | **2.5% 5.0%** | | **2.5% 5.0%** | | **2.5% 5.0%** | | **2.5% 5.0%** | |
| ***298.15 K*** | | | | | | | | | | | |
| ***10-2-10 + DTAB*** | | | | | | | | | | | |
| 0.000 | 1.0367 | 1.0108 | 1.0064 | 1.0252 | 1.0205 | 1.0143 | 1.0135 | 1.0245 | 1.0385 | 1.0245 | 1.0354 |
| 0.156 | 1.0342 | 1.0206 | 1.0025 | 1.0323 | 1.0119 | 1.0433 | 1.0273 | 1.0548 | 1.0476 | 1.0458 | 1.0578 |
| 0.356 | 1.0243 | 1.0119 | 0.9970 | 1.0241 | 1.0137 | 1.0313 | 1.0254 | 1.0459 | 1.0463 | 1.0370 | 1.0497 |
| 0.480 | 1.0194 | 1.0161 | 1.0073 | 1.0201 | 1.0158 | 1.0230 | 1.0177 | 1.0336 | 1.0421 | 1.0312 | 1.0324 |
| 0.625 | 1.0162 | 1.0067 | 1.0023 | 1.0157 | 1.0130 | 1.0167 | 1.0158 | 1.0415 | 1.0412 | 1.0268 | 1.0278 |
| 0.787 | 1.0146 | 1.0126 | 1.0036 | 1.0132 | 1.0058 | 1.0123 | 1.0144 | 1.0314 | 1.0373 | 1.0238 | 1.0241 |
| 1.000 | 1.0136 | 1.0117 | 1.0097 | 1.0096 | 1.0035 | 1.0100 | 1.0068 | 1.0156 | 1.0382 | 1.0227 | 1.0299 |
| ***10-2-10 + TTAB*** | | | | | | | | | | | |
| 0.000 | 1.0367 | 1.0108 | 1.0064 | 1.0252 | 1.0205 | 1.0143 | 1.0135 | 1.0245 | 1.0385 | 1.0245 | 1.0354 |
| 0.156 | 1.0356 | 1.0224 | 1.0172 | 1.0296 | 1.0297 | 1.0566 | 1.0753 | 1.0568 | 1.0544 | 1.0513 | 1.0456 |
| 0.356 | 1.0296 | 1.0298 | 1.0281 | 1.0249 | 1.0109 | 1.0476 | 1.0601 | 1.0587 | 1.0657 | 1.0457 | 1.0413 |
| 0.480 | 1.0271 | 1.0236 | 1.0191 | 1.0196 | 1.0119 | 1.0440 | 1.0516 | 1.0598 | 1.0668 | 1.0414 | 1.0392 |
| 0.625 | 1.0253 | 1.0265 | 1.0107 | 1.0140 | 1.0136 | 1.0390 | 1.0435 | 1.0587 | 1.0684 | 1.0392 | 1.0371 |
| 0.787 | 1.0211 | 1.0223 | 1.0188 | 1.0183 | 1.0118 | 1.0344 | 1.0358 | 1.0569 | 1.0768 | 1.0357 | 1.0354 |
| 1.000 | 1.0264 | 1.0268 | 1.0195 | 1.0233 | 1.0186 | 1.0422 | 1.0284 | 1.0446 | 1.0666 | 1.0357 | 1.0354 |
| ***10-2-10 + CTAB*** | | | | | | | | | | | |
| 0.000 | 1.0367 | 1.0108 | 1.0064 | 1.0252 | 1.0205 | 1.0143 | 1.0135 | 1.0245 | 1.0385 | 1.0245 | 1.0354 |
| 0.156 | 1.0361 | 1.0493 | 1.0369 | 1.0613 | 1.0247 | 1.0524 | 1.0750 | 1.0520 | 1.0211 | 1.0458 | 1.0411 |
| 0.356 | 1.0326 | 1.0369 | 1.0296 | 1.0563 | 1.0191 | 1.0438 | 1.0667 | 1.0623 | 1.0364 | 1.0448 | 1.0433 |
| 0.480 | 1.0298 | 1.0420 | 1.0361 | 1.0544 | 1.0296 | 1.0398 | 1.0632 | 1.0599 | 1.0333 | 1.0484 | 1.0456 |
| 0.625 | 1.0284 | 1.0458 | 1.0296 | 1.0530 | 1.0246 | 1.0438 | 1.0570 | 1.0617 | 1.0373 | 1.0466 | 1.0481 |
| 0.787 | 1.0276 | 1.0392 | 1.0220 | 1.0623 | 1.0258 | 1.0486 | 1.0526 | 1.0654 | 1.0448 | 1.0481 | 1.0560 |
| 1.000 | 1.0275 | 1.0389 | 1.0243 | 1.0316 | 1.0196 | 1.0464 | 1.0435 | 1.0864 | 1.0910 | 1.0552 | 1.0600 |
| ***12-2-12 + DTAB*** | | | | | | | | | | | |
| 0.000 | 1.0447 | 1.0378 | 1.0088 | 1.0324 | 1.0282 | 1.0416 | 1.0284 | 1.0502 | 1.0666 | 1.0558 | 1.0354 |
| 0.156 | 1.0367 | 1.0348 | 1.0144 | 1.0304 | 1.0273 | 1.0386 | 1.0284 | 1.0417 | 1.0410 | 1.0486 | 1.0716 |
| 0.356 | 1.0386 | 1.0359 | 1.0154 | 1.0337 | 1.0244 | 1.0364 | 1.0245 | 1.0346 | 1.0383 | 1.0427 | 1.0722 |
| 0.480 | 1.0286 | 1.0264 | 1.0072 | 1.0211 | 1.0118 | 1.0264 | 1.0230 | 1.0284 | 1.0394 | 1.0352 | 1.0729 |
| 0.625 | 1.0263 | 1.0224 | 1.0044 | 1.0174 | 1.0004 | 1.0185 | 1.0154 | 1.0254 | 1.0403 | 1.0284 | 1.0720 |
| 0.787 | 1.0206 | 1.0163 | 1.0021 | 1.0129 | 1.0041 | 1.0148 | 1.0057 | 1.0193 | 1.0369 | 1.0261 | 1.0696 |
| 1.000 | 1.0136 | 1.0117 | 1.0097 | 1.0096 | 1.0035 | 1.0100 | 1.0068 | 1.0156 | 1.0382 | 1.0227 | 1.0299 |
| ***12-2-12 + TTAB*** | | | | | | | | | | | |
| 0.000 | 1.0447 | 1.0378 | 1.0088 | 1.0324 | 1.0282 | 1.0416 | 1.0284 | 1.0502 | 1.0666 | 1.0558 | 1.0354 |
| 0.156 | 1.0365 | 1.0126 | 1.0005 | 1.0175 | 1.0160 | 1.0477 | 1.0323 | 1.0437 | 1.0573 | 1.0369 | 1.0368 |
| 0.356 | 1.0302 | 1.0223 | 1.0196 | 1.0133 | 1.0172 | 1.0401 | 1.0269 | 1.0337 | 1.0545 | 1.0304 | 1.0345 |
| 0.480 | 1.0289 | 1.0173 | 1.0148 | 1.0146 | 1.0104 | 1.0334 | 1.0277 | 1.0319 | 1.0491 | 1.0330 | 1.0367 |
| 0.625 | 1.0261 | 1.0123 | 1.0092 | 1.0101 | 1.0158 | 1.0351 | 1.0284 | 1.0296 | 1.0451 | 1.0340 | 1.0352 |
| 0.787 | 1.0247 | 1.0186 | 1.0085 | 1.0103 | 1.0125 | 1.0359 | 1.0269 | 1.0360 | 1.0421 | 1.0268 | 1.0335 |
| 1.000 | 1.0264 | 1.0268 | 1.0195 | 1.0233 | 1.0186 | 1.0422 | 1.0284 | 1.0446 | 1.0666 | 1.0357 | 1.0354 |
| ***12-2-12 + CTAB*** | | | | | | | | | | | |
| 0.000 | 1.0447 | 1.0378 | 1.0088 | 1.0324 | 1.0282 | 1.0416 | 1.0284 | 1.0502 | 1.0666 | 1.0558 | 1.0354 |
| 0.156 | 1.0378 | 1.0170 | 1.0256 | 1.0247 | 1.0287 | 1.0389 | 1.0292 | 1.0396 | 1.0463 | 1.0312 | 1.0407 |
| 0.356 | 1.0308 | 1.0330 | 1.0182 | 1.0164 | 1.0238 | 1.0312 | 1.0134 | 1.0402 | 1.0552 | 1.0360 | 1.0453 |
| 0.480 | 1.0296 | 1.0190 | 1.0121 | 1.0120 | 1.0226 | 1.0360 | 1.0071 | 1.0440 | 1.0561 | 1.0380 | 1.0469 |
| 0.625 | 1.0327 | 1.0208 | 1.0199 | 1.0180 | 1.0210 | 1.0419 | 1.0053 | 1.0468 | 1.0624 | 1.0416 | 1.0476 |
| 0.787 | 1.0254 | 1.0259 | 1.0245 | 1.0209 | 1.0215 | 1.0444 | 0.9999 | 1.0580 | 1.0723 | 1.0427 | 1.0489 |
| 1.000 | 1.0275 | 1.0389 | 1.0243 | 1.0316 | 1.0196 | 1.0464 | 1.0435 | 1.0864 | 1.0910 | 1.0552 | 1.0600 |
| ***14-2-14 + DTAB*** | | | | | | | | | | | |
| 0.000 | 1.0600 | 1.0492 | 1.0341 | 1.0520 | 1.0306 | 1.0463 | 1.0302 | 1.0426 | 1.0548 | 1.0485 | 1.0474 |
| 0.156 | 1.0447 | 1.0249 | 1.0125 | 1.0234 | 1.0358 | 1.0295 | 1.0206 | 1.0199 | 1.0421 | 1.0321 | 1.0376 |
| 0.356 | 1.0375 | 1.0175 | 1.0118 | 1.0147 | 1.0335 | 1.0133 | 1.0085 | 1.0302 | 1.0380 | 1.0349 | 1.0400 |
| 0.480 | 1.0346 | 1.0133 | 1.0112 | 1.0121 | 1.0353 | 1.0153 | 1.0126 | 1.0348 | 1.0397 | 1.0361 | 1.0316 |
| 0.625 | 1.0256 | 1.0139 | 1.0105 | 1.0085 | 1.0358 | 1.0013 | 1.0080 | 1.0317 | 1.0416 | 1.0322 | 1.0296 |
| 0.787 | 1.0178 | 1.0111 | 1.0102 | 1.0127 | 1.0398 | 1.0054 | 1.0101 | 1.0314 | 1.0423 | 1.0205 | 1.0257 |
| 1.000 | 1.0136 | 1.0117 | 1.0097 | 1.0096 | 1.0035 | 1.0100 | 1.0068 | 1.0156 | 1.0382 | 1.0227 | 1.0299 |
| ***14-2-14 + TTAB*** | | | | | | | | | | | |
| 0.000 | 1.0600 | 1.0492 | 1.0341 | 1.0520 | 1.0306 | 1.0463 | 1.0302 | 1.0426 | 1.0548 | 1.0485 | 1.0474 |
| 0.156 | 1.0408 | 1.0256 | 1.0201 | 1.0112 | 1.0365 | 1.0220 | 1.0125 | 1.0434 | 1.0504 | 1.0355 | 1.0387 |
| 0.356 | 1.0337 | 1.0202 | 1.0186 | 1.0026 | 1.0325 | 1.0203 | 1.0101 | 1.0482 | 1.0532 | 1.0303 | 1.0346 |
| 0.480 | 1.0285 | 1.0187 | 1.0175 | 1.0091 | 1.0400 | 1.0232 | 1.0152 | 1.0443 | 1.0499 | 1.0366 | 1.0392 |
| 0.625 | 1.0254 | 1.0253 | 1.0142 | 1.0102 | 1.0433 | 1.0183 | 1.0176 | 1.0395 | 1.0451 | 1.0370 | 1.0357 |
| 0.787 | 1.0227 | 1.0269 | 1.0166 | 1.0164 | 1.0465 | 1.0209 | 1.0184 | 1.0329 | 1.0471 | 1.0318 | 1.0342 |
| 1.000 | 1.0264 | 1.0268 | 1.0195 | 1.0233 | 1.0186 | 1.0422 | 1.0284 | 1.0446 | 1.0666 | 1.0357 | 1.0354 |
| ***14-2-14 + CTAB*** | | | | | | | | | | | |
| 0.000 | 1.0600 | 1.0492 | 1.0341 | 1.0520 | 1.0306 | 1.0463 | 1.0302 | 1.0426 | 1.0548 | 1.0485 | 1.0474 |
| 0.156 | 1.0505 | 1.0357 | 1.0310 | 1.0390 | 1.0273 | 1.0369 | 1.0264 | 1.0354 | 1.0576 | 1.0445 | 1.0694 |
| 0.356 | 1.0395 | 1.0351 | 1.0285 | 1.0354 | 1.0246 | 1.0324 | 1.0198 | 1.0597 | 1.0660 | 1.0417 | 1.0668 |
| 0.480 | 1.0345 | 1.0264 | 1.0266 | 1.0248 | 1.0238 | 1.0381 | 1.0160 | 1.0680 | 1.0683 | 1.0351 | 1.0700 |
| 0.625 | 1.0299 | 1.0283 | 1.0254 | 1.0298 | 1.0205 | 1.0307 | 1.0243 | 1.0613 | 1.0704 | 1.0371 | 1.0683 |
| 0.787 | 1.0303 | 1.0304 | 1.0246 | 1.0262 | 1.0214 | 1.0343 | 1.0282 | 1.0756 | 1.0879 | 1.0405 | 1.0519 |
| 1.000 | 1.0275 | 1.0389 | 1.0243 | 1.0316 | 1.0196 | 1.0464 | 1.0435 | 1.0864 | 1.0910 | 1.0552 | 1.0600 |
| ***308.15 K*** | | | | | | | | | | | |
| ***10-2-10 + DTAB*** | | | | | | | | | | | |
| 0.000 | 1.0204 | 1.0100 | 0.9939 | 1.0071 | 1.0080 | 1.0118 | 1.0147 | 1.0184 | 1.0281 | 1.0287 | 1.0279 |
| 0.156 | 1.0235 | 1.0132 | 1.0029 | 1.0285 | 1.0106 | 1.0144 | 1.0105 | 1.0201 | 1.0290 | 1.0469 | 1.0478 |
| 0.356 | 1.0288 | 1.0053 | 0.9954 | 1.0199 | 1.0070 | 1.0294 | 1.0136 | 1.0223 | 1.0281 | 1.0404 | 1.0398 |
| 0.480 | 1.0263 | 1.0127 | 1.0025 | 1.0140 | 1.0006 | 1.0221 | 1.0193 | 1.0222 | 1.0314 | 1.0334 | 1.0312 |
| 0.625 | 1.0236 | 1.0085 | 0.9937 | 1.0057 | 1.0051 | 1.0124 | 1.0139 | 1.0217 | 1.0290 | 1.0308 | 1.0281 |
| 0.787 | 1.0234 | 1.0101 | 0.9970 | 1.0026 | 1.0092 | 1.0092 | 1.0078 | 1.0288 | 1.0264 | 1.0267 | 1.0226 |
| 1.000 | 1.0229 | 1.0157 | 1.0049 | 1.0071 | 1.0096 | 1.0118 | 1.0099 | 1.0184 | 1.0281 | 1.0287 | 1.0279 |
| ***10-2-10 + TTAB*** | | | | | | | | | | | |
| 0.000 | 1.0204 | 1.0100 | 0.9939 | 1.0071 | 1.0080 | 1.0118 | 1.0147 | 1.0184 | 1.0281 | 1.0287 | 1.0279 |
| 0.156 | 1.0248 | 1.0197 | 1.0129 | 1.0141 | 1.0111 | 1.0150 | 1.0177 | 1.0256 | 1.0380 | 1.0569 | 1.0565 |
| 0.356 | 1.0205 | 1.0271 | 1.0185 | 1.0182 | 1.0168 | 1.0248 | 1.0240 | 1.0315 | 1.0437 | 1.0504 | 1.0479 |
| 0.480 | 1.0198 | 1.0194 | 1.0203 | 1.0236 | 1.0187 | 1.0221 | 1.0337 | 1.0376 | 1.0456 | 1.0446 | 1.0422 |
| 0.625 | 1.0187 | 1.0225 | 1.0206 | 1.0264 | 1.0190 | 1.0350 | 1.0290 | 1.0341 | 1.0359 | 1.0425 | 1.0364 |
| 0.787 | 1.0148 | 1.0259 | 1.0280 | 1.0207 | 1.0165 | 1.0317 | 1.0224 | 1.0305 | 1.0335 | 1.0386 | 1.0343 |
| 1.000 | 1.0207 | 1.0300 | 1.0233 | 1.0251 | 1.0141 | 1.0333 | 1.0171 | 1.0370 | 1.0399 | 1.0405 | 1.0364 |
| ***10-2-10 + CTAB*** | | | | | | | | | | | |
| 0.000 | 1.0204 | 1.0100 | 0.9939 | 1.0071 | 1.0080 | 1.0118 | 1.0147 | 1.0184 | 1.0281 | 1.0287 | 1.0279 |
| 0.156 | 1.0382 | 1.0372 | 1.0279 | 1.0372 | 1.0210 | 1.0215 | 1.0201 | 1.0382 | 1.0269 | 1.0484 | 1.0535 |
| 0.356 | 1.0409 | 1.0401 | 1.0390 | 1.0389 | 1.0133 | 1.0478 | 1.0337 | 1.0409 | 1.0354 | 1.0505 | 1.0557 |
| 0.480 | 1.0453 | 1.0376 | 1.0280 | 1.0258 | 1.0205 | 1.0452 | 1.0457 | 1.0453 | 1.0332 | 1.0528 | 1.0536 |
| 0.625 | 1.0452 | 1.0364 | 1.0283 | 1.0288 | 1.0116 | 1.0459 | 1.0432 | 1.0452 | 1.0342 | 1.0548 | 1.0553 |
| 0.787 | 1.0499 | 1.0437 | 1.0350 | 1.0242 | 1.0150 | 1.0464 | 1.0426 | 1.0499 | 1.0424 | 1.0526 | 1.0533 |
| 1.000 | 1.0540 | 1.0355 | 1.0349 | 1.0283 | 1.0180 | 1.0434 | 1.0386 | 1.0630 | 1.0555 | 1.0573 | 1.0581 |
| ***12-2-12 + DTAB*** | | | | | | | | | | | |
| 0.000 | 1.0295 | 1.0230 | 1.0141 | 1.0351 | 1.0241 | 1.0333 | 1.0171 | 1.0370 | 1.0399 | 1.0405 | 1.0364 |
| 0.156 | 1.0263 | 1.0174 | 1.0169 | 1.0125 | 1.0214 | 1.0163 | 1.0173 | 1.0223 | 1.0276 | 1.0402 | 1.0634 |
| 0.356 | 1.0280 | 1.0204 | 1.0224 | 1.0109 | 1.0249 | 1.0138 | 1.0190 | 1.0284 | 1.0282 | 1.0415 | 1.0619 |
| 0.480 | 1.0284 | 1.0136 | 1.0157 | 1.0121 | 1.0283 | 1.0143 | 1.0171 | 1.0365 | 1.0265 | 1.0403 | 1.0592 |
| 0.625 | 1.0278 | 1.0108 | 1.0123 | 1.0098 | 1.0339 | 1.0123 | 1.0199 | 1.0363 | 1.0235 | 1.0411 | 1.0567 |
| 0.787 | 1.0179 | 1.0096 | 1.0093 | 1.0109 | 1.0403 | 1.0149 | 1.0196 | 1.0326 | 1.0256 | 1.0421 | 1.0578 |
| 1.000 | 1.0229 | 1.0157 | 1.0049 | 1.0071 | 1.0096 | 1.0118 | 1.0099 | 1.0184 | 1.0281 | 1.0287 | 1.0279 |
| ***12-2-12 + TTAB*** | | | | | | | | | | | |
| 0.000 | 1.0295 | 1.0230 | 1.0141 | 1.0351 | 1.0241 | 1.0333 | 1.0171 | 1.0370 | 1.0399 | 1.0405 | 1.0364 |
| 0.156 | 1.0300 | 1.0113 | 0.9958 | 1.0385 | 1.0458 | 1.0400 | 1.0239 | 1.0353 | 1.0365 | 1.0429 | 1.0344 |
| 0.356 | 1.0271 | 1.0181 | 1.0169 | 1.0277 | 1.0297 | 1.0294 | 1.0232 | 1.0316 | 1.0336 | 1.0452 | 1.0280 |
| 0.480 | 1.0264 | 1.0146 | 1.0223 | 1.0222 | 1.0270 | 1.0272 | 1.0190 | 1.0298 | 1.0295 | 1.0420 | 1.0305 |
| 0.625 | 1.0258 | 1.0127 | 1.0118 | 1.0200 | 1.0241 | 1.0237 | 1.0241 | 1.0260 | 1.0281 | 1.0411 | 1.0277 |
| 0.787 | 1.0196 | 1.0212 | 1.0103 | 1.0192 | 1.0227 | 1.0252 | 1.0185 | 1.0287 | 1.0265 | 1.0421 | 1.0270 |
| 1.000 | 1.0207 | 1.0300 | 1.0233 | 1.0251 | 1.0141 | 1.0333 | 1.0171 | 1.0370 | 1.0399 | 1.0405 | 1.0364 |
| ***12-2-12 + CTAB*** | | | | | | | | | | | |
| 0.000 | 1.0295 | 1.0230 | 1.0141 | 1.0351 | 1.0241 | 1.0333 | 1.0171 | 1.0370 | 1.0399 | 1.0405 | 1.0364 |
| 0.156 | 1.0276 | 1.0208 | 1.0145 | 1.0181 | 1.0248 | 1.0266 | 1.0157 | 1.0282 | 1.0341 | 1.0380 | 1.0277 |
| 0.356 | 1.0293 | 1.0319 | 1.0293 | 1.0108 | 1.0225 | 1.0237 | 1.0305 | 1.0264 | 1.0439 | 1.0404 | 1.0362 |
| 0.480 | 1.0298 | 1.0211 | 1.0136 | 1.0176 | 1.0214 | 1.0289 | 1.0148 | 1.0242 | 1.0460 | 1.0429 | 1.0414 |
| 0.625 | 1.0345 | 1.0239 | 1.0148 | 1.0169 | 1.0212 | 1.0317 | 1.0160 | 1.0309 | 1.0533 | 1.0462 | 1.0464 |
| 0.787 | 1.0462 | 1.0308 | 1.0268 | 1.0244 | 1.0170 | 1.0379 | 1.0080 | 1.0304 | 1.0636 | 1.0477 | 1.0533 |
| 1.000 | 1.0540 | 1.0355 | 1.0349 | 1.0283 | 1.0180 | 1.0434 | 1.0386 | 1.0630 | 1.0555 | 1.0573 | 1.0581 |
| ***14-2-14 + DTAB*** | | | | | | | | | | | |
| 0.000 | 1.0480 | 1.0295 | 1.0149 | 1.0288 | 1.0224 | 1.0284 | 1.0270 | 1.0434 | 1.0495 | 1.0547 | 1.0596 |
| 0.156 | 1.0224 | 1.0018 | 0.9876 | 1.0130 | 1.0096 | 1.0135 | 1.0141 | 1.0191 | 1.0316 | 1.0195 | 1.0122 |
| 0.356 | 1.0164 | 1.0045 | 0.9919 | 1.0031 | 1.0087 | 1.0118 | 1.0052 | 1.0285 | 1.0256 | 1.0215 | 1.0011 |
| 0.480 | 1.0134 | 1.0090 | 0.9986 | 1.0066 | 1.0012 | 1.0102 | 1.0045 | 1.0319 | 1.0230 | 1.0130 | 1.0071 |
| 0.625 | 1.0138 | 1.0003 | 0.9922 | 1.0021 | 1.0066 | 1.0072 | 1.0000 | 1.0305 | 1.0216 | 1.0076 | 1.0082 |
| 0.787 | 1.0146 | 1.0018 | 0.9893 | 1.0009 | 1.0010 | 1.0089 | 1.0026 | 1.0299 | 1.0215 | 1.0011 | 1.0021 |
| 1.000 | 1.0229 | 1.0157 | 1.0049 | 1.0071 | 1.0096 | 1.0118 | 1.0099 | 1.0184 | 1.0281 | 1.0287 | 1.0279 |
| ***14-2-14 + TTAB*** | | | | | | | | | | | |
| 0.000 | 1.0480 | 1.0295 | 1.0149 | 1.0288 | 1.0224 | 1.0284 | 1.0270 | 1.0434 | 1.0495 | 1.0547 | 1.0596 |
| 0.156 | 1.0094 | 1.0048 | 1.0037 | 1.0073 | 1.0332 | 1.0121 | 1.0064 | 1.0336 | 1.0281 | 1.0078 | 1.0178 |
| 0.356 | 1.0016 | 0.9990 | 1.0045 | 1.0023 | 1.0248 | 1.0080 | 1.0040 | 1.0351 | 1.0309 | 1.0034 | 1.0124 |
| 0.480 | 0.9977 | 1.0082 | 1.0105 | 1.0078 | 1.0297 | 1.0111 | 1.0077 | 1.0376 | 1.0274 | 1.0014 | 1.0082 |
| 0.625 | 0.9969 | 0.9991 | 0.9976 | 1.0097 | 1.0327 | 1.0134 | 1.0093 | 1.0321 | 1.0216 | 0.9975 | 1.0092 |
| 0.787 | 0.9958 | 0.9942 | 0.9966 | 1.0128 | 1.0354 | 1.0164 | 1.0106 | 1.0283 | 1.0221 | 0.9926 | 1.0060 |
| 1.000 | 1.0207 | 1.0300 | 1.0233 | 1.0251 | 1.0141 | 1.0333 | 1.0171 | 1.0370 | 1.0399 | 1.0405 | 1.0364 |
| ***14-2-14 + CTAB*** | | | | | | | | | | | |
| 0.000 | 1.0480 | 1.0295 | 1.0149 | 1.0288 | 1.0224 | 1.0284 | 1.0270 | 1.0434 | 1.0495 | 1.0547 | 1.0596 |
| 0.156 | 1.0122 | 0.9984 | 0.9902 | 1.0123 | 1.0264 | 1.0133 | 1.0098 | 1.0354 | 1.0431 | 1.0132 | 1.0445 |
| 0.356 | 1.0128 | 0.9931 | 0.9859 | 1.0104 | 1.0148 | 1.0121 | 1.0077 | 1.0287 | 1.0331 | 1.0147 | 1.0399 |
| 0.480 | 1.0141 | 1.0074 | 0.9936 | 1.0172 | 1.0165 | 1.0170 | 1.0142 | 1.0217 | 1.0382 | 1.0066 | 1.0481 |
| 0.625 | 1.0121 | 0.9938 | 0.9914 | 1.0239 | 1.0173 | 1.0186 | 1.0168 | 1.0375 | 1.0316 | 1.0089 | 1.0458 |
| 0.787 | 1.0146 | 1.0030 | 0.9953 | 1.0336 | 1.0198 | 1.0226 | 1.0199 | 1.0426 | 1.0266 | 1.0056 | 1.0394 |
| 1.000 | 1.0540 | 1.0355 | 1.0349 | 1.0283 | 1.0180 | 1.0434 | 1.0386 | 1.0630 | 1.0555 | 1.0573 | 1.0581 |
| ***318.15 K*** | | | | | | | | | | | |
| ***10-2-10 + DTAB*** | | | | | | | | | | | |
| 0.000 | 1.0107 | 0.9987 | 0.9891 | 0.9994 | 1.0211 | 1.0066 | 1.0012 | 1.0420 | 1.0572 | 1.0557 | 1.0544 |
| 0.156 | 1.0300 | 1.0107 | 1.0028 | 1.0272 | 1.0110 | 1.0180 | 1.0087 | 1.0374 | 1.0413 | 1.0369 | 1.0409 |
| 0.356 | 1.0371 | 1.0039 | 0.9946 | 1.0184 | 1.0118 | 1.0222 | 1.0132 | 1.0324 | 1.0387 | 1.0320 | 1.0309 |
| 0.480 | 1.0340 | 1.0145 | 1.0034 | 1.0139 | 1.0081 | 1.0240 | 1.0209 | 1.0253 | 1.0352 | 1.0281 | 1.0270 |
| 0.625 | 1.0352 | 1.0059 | 0.9931 | 1.0052 | 1.0032 | 1.0181 | 1.0182 | 1.0331 | 1.0329 | 1.0240 | 1.0196 |
| 0.787 | 1.0329 | 1.0094 | 0.9977 | 1.0014 | 1.0039 | 1.0102 | 1.0246 | 1.0250 | 1.0302 | 1.0216 | 1.0154 |
| 1.000 | 1.0255 | 1.0162 | 1.0034 | 1.0015 | 1.0017 | 1.0176 | 1.0275 | 1.0293 | 1.0351 | 1.0238 | 1.0211 |
| ***10-2-10 + TTAB*** | | | | | | | | | | | |
| 0.000 | 1.0107 | 0.9987 | 0.9891 | 0.9994 | 1.0211 | 1.0066 | 1.0012 | 1.0420 | 1.0572 | 1.0557 | 1.0544 |
| 0.156 | 1.0125 | 1.0161 | 1.0121 | 1.0117 | 1.0242 | 1.0616 | 1.0488 | 1.0498 | 1.0360 | 1.0496 | 1.0426 |
| 0.356 | 1.0189 | 1.0241 | 1.0131 | 1.0167 | 1.0252 | 1.0553 | 1.0426 | 1.0516 | 1.0370 | 1.0454 | 1.0390 |
| 0.480 | 1.0176 | 1.0182 | 1.0179 | 1.0131 | 1.0301 | 1.0486 | 1.0391 | 1.0568 | 1.0420 | 1.0425 | 1.0342 |
| 0.625 | 1.0163 | 1.0182 | 1.0186 | 1.0202 | 1.0308 | 1.0430 | 1.0369 | 1.0497 | 1.0427 | 1.0349 | 1.0312 |
| 0.787 | 1.0129 | 1.0222 | 1.0230 | 1.0155 | 1.0352 | 1.0388 | 1.0341 | 1.0479 | 1.0471 | 1.0309 | 1.0270 |
| 1.000 | 1.0185 | 1.0293 | 1.0228 | 1.0236 | 1.0378 | 1.0402 | 1.0377 | 1.0455 | 1.0442 | 1.0342 | 1.0350 |
| ***10-2-10 + CTAB*** | | | | | | | | | | | |
| 0.000 | 1.0107 | 0.9987 | 0.9891 | 0.9994 | 1.0211 | 1.0066 | 1.0012 | 1.0420 | 1.0572 | 1.0557 | 1.0544 |
| 0.156 | 1.0428 | 1.0231 | 1.0251 | 1.0161 | 1.0148 | 1.0356 | 1.0250 | 1.0433 | 1.0557 | 1.0447 | 1.0460 |
| 0.356 | 1.0467 | 1.0329 | 1.0324 | 1.0227 | 1.0065 | 1.0305 | 1.0210 | 1.0379 | 1.0508 | 1.0426 | 1.0481 |
| 0.480 | 1.0479 | 1.0298 | 1.0277 | 1.0281 | 1.0154 | 1.0380 | 1.0381 | 1.0408 | 1.0549 | 1.0465 | 1.0495 |
| 0.625 | 1.0483 | 1.0278 | 1.0271 | 1.0313 | 1.0050 | 1.0416 | 1.0364 | 1.0431 | 1.0513 | 1.0497 | 1.0527 |
| 0.787 | 1.0533 | 1.0397 | 1.0325 | 1.0349 | 1.0096 | 1.0453 | 1.0403 | 1.0479 | 1.0586 | 1.0518 | 1.0523 |
| 1.000 | 1.0598 | 1.0371 | 1.0329 | 1.0301 | 1.0098 | 1.0523 | 1.0560 | 1.0487 | 1.0622 | 1.0557 | 1.0544 |
| ***12-2-12 + DTAB*** | | | | | | | | | | | |
| 0.000 | 1.0390 | 1.0292 | 1.0167 | 1.0336 | 1.0378 | 1.0402 | 1.0372 | 1.0455 | 1.0442 | 1.0342 | 1.0350 |
| 0.156 | 1.0324 | 1.0117 | 1.0171 | 1.0098 | 1.0166 | 1.0202 | 1.0301 | 1.0329 | 1.0335 | 1.0454 | 1.0621 |
| 0.356 | 1.0302 | 1.0147 | 1.0201 | 1.0139 | 1.0247 | 1.0175 | 1.0287 | 1.0426 | 1.0355 | 1.0478 | 1.0589 |
| 0.480 | 1.0335 | 1.0120 | 1.0128 | 1.0130 | 1.0283 | 1.0209 | 1.0273 | 1.0471 | 1.0341 | 1.0489 | 1.0555 |
| 0.625 | 1.0319 | 1.0111 | 1.0108 | 1.0106 | 1.0363 | 1.0217 | 1.0259 | 1.0446 | 1.0353 | 1.0477 | 1.0583 |
| 0.787 | 1.0324 | 1.0104 | 1.0077 | 1.0121 | 1.0412 | 1.0206 | 1.0240 | 1.0412 | 1.0302 | 1.0487 | 1.0547 |
| 1.000 | 1.0255 | 1.0162 | 1.0034 | 1.0015 | 1.0717 | 1.0176 | 1.0275 | 1.0293 | 1.0351 | 1.0238 | 1.0211 |
| ***12-2-12 + TTAB*** | | | | | | | | | | | |
| 0.000 | 1.0390 | 1.0292 | 1.0167 | 1.0336 | 1.0378 | 1.0402 | 1.0372 | 1.0455 | 1.0442 | 1.0342 | 1.0350 |
| 0.156 | 1.0371 | 1.0039 | 0.9997 | 1.0020 | 1.0305 | 1.0482 | 1.0416 | 1.0394 | 1.0377 | 1.0380 | 1.0379 |
| 0.356 | 1.0357 | 1.0131 | 1.0158 | 1.0135 | 1.0222 | 1.0432 | 1.0358 | 1.0369 | 1.0372 | 1.0358 | 1.0325 |
| 0.480 | 1.0339 | 1.0129 | 1.0211 | 1.0104 | 1.0211 | 1.0395 | 1.0368 | 1.0329 | 1.0336 | 1.0372 | 1.0320 |
| 0.625 | 1.0325 | 1.0106 | 1.0113 | 1.0174 | 1.0225 | 1.0385 | 1.0302 | 1.0380 | 1.0328 | 1.0369 | 1.0312 |
| 0.787 | 1.0336 | 1.0121 | 1.0096 | 1.0128 | 1.0188 | 1.0359 | 1.0312 | 1.0399 | 1.0325 | 1.0329 | 1.0343 |
| 1.000 | 1.0185 | 1.0293 | 1.0228 | 1.0236 | 1.0378 | 1.0402 | 1.0377 | 1.0455 | 1.0442 | 1.0342 | 1.0350 |
| ***12-2-12 + CTAB*** | | | | | | | | | | | |
| 0.000 | 1.0390 | 1.0292 | 1.0167 | 1.0336 | 1.0378 | 1.0402 | 1.0372 | 1.0455 | 1.0442 | 1.0342 | 1.0350 |
| 0.156 | 1.0353 | 1.0237 | 1.0162 | 1.0172 | 1.0182 | 1.0339 | 1.0231 | 1.0397 | 1.0401 | 1.0396 | 1.0426 |
| 0.356 | 1.0353 | 1.0337 | 1.0317 | 1.0154 | 1.0166 | 1.0391 | 1.0387 | 1.0435 | 1.0479 | 1.0419 | 1.0458 |
| 0.480 | 1.0393 | 1.0283 | 1.0292 | 1.0198 | 1.0153 | 1.0430 | 1.0161 | 1.0438 | 1.0514 | 1.0426 | 1.0473 |
| 0.625 | 1.0414 | 1.0306 | 1.0277 | 1.0220 | 1.0131 | 1.0455 | 1.0145 | 1.0463 | 1.0560 | 1.0448 | 1.0500 |
| 0.787 | 1.0496 | 1.0267 | 1.0229 | 1.0243 | 1.0142 | 1.0481 | 1.0097 | 1.0435 | 1.0631 | 1.0461 | 1.0530 |
| 1.000 | 1.0598 | 1.0371 | 1.0329 | 1.0301 | 1.0098 | 1.0523 | 1.0560 | 1.0487 | 1.0622 | 1.0557 | 1.0544 |
| ***14-2-14 + DTAB*** | | | | | | | | | | | |
| 0.000 | 1.0471 | 1.0271 | 1.0129 | 1.0451 | 1.0341 | 1.0520 | 1.0474 | 1.0485 | 1.0521 | 1.0482 | 1.0483 |
| 0.156 | 1.0273 | 1.0000 | 0.9869 | 1.0117 | 1.0238 | 1.0237 | 1.0244 | 1.0316 | 1.0400 | 1.0167 | 1.0123 |
| 0.356 | 1.0255 | 1.0035 | 0.9919 | 1.0014 | 1.0217 | 1.0164 | 1.0176 | 1.0380 | 1.0342 | 1.0114 | 1.0066 |
| 0.480 | 1.0209 | 1.0095 | 0.9968 | 0.9973 | 1.0282 | 1.0117 | 1.0079 | 1.0428 | 1.0276 | 1.0003 | 1.0040 |
| 0.625 | 1.0179 | 0.9936 | 0.9925 | 0.9960 | 1.0296 | 1.0110 | 1.0011 | 1.0384 | 1.0178 | 1.0048 | 1.0078 |
| 0.787 | 1.0163 | 0.9946 | 0.9887 | 0.9930 | 1.0367 | 1.0057 | 0.9987 | 1.0367 | 1.0129 | 1.0066 | 1.0101 |
| 1.000 | 1.0255 | 1.0162 | 1.0034 | 1.0015 | 1.0717 | 1.0176 | 1.0275 | 1.0293 | 1.0351 | 1.0238 | 1.0211 |
| ***14-2-14 + TTAB*** | | | | | | | | | | | |
| 0.000 | 1.0471 | 1.0271 | 1.0129 | 1.0451 | 1.0341 | 1.0520 | 1.0474 | 1.0485 | 1.0521 | 1.0482 | 1.0483 |
| 0.156 | 1.0102 | 0.9926 | 1.0023 | 1.0014 | 1.0235 | 1.0089 | 1.0069 | 1.0396 | 1.0277 | 1.0244 | 1.0200 |
| 0.356 | 1.0070 | 0.9890 | 0.9962 | 1.0014 | 1.0202 | 1.0054 | 1.0120 | 1.0311 | 1.0284 | 1.0169 | 1.0156 |
| 0.480 | 1.0030 | 0.9974 | 1.0071 | 1.0081 | 1.0247 | 1.0139 | 1.0194 | 1.0266 | 1.0247 | 1.0098 | 1.0068 |
| 0.625 | 1.0015 | 0.9932 | 0.9943 | 1.0115 | 1.0237 | 1.0117 | 1.0215 | 1.0310 | 1.0201 | 1.0051 | 1.0054 |
| 0.787 | 0.9996 | 0.9896 | 0.9898 | 1.0125 | 1.0270 | 1.0150 | 1.0250 | 1.0258 | 1.0152 | 1.0050 | 1.0060 |
| 1.000 | 1.0185 | 1.0293 | 1.0228 | 1.0236 | 1.0378 | 1.0402 | 1.0377 | 1.0455 | 1.0442 | 1.0342 | 1.0350 |
| ***14-2-14 + CTAB*** | | | | | | | | | | | |
| 0.000 | 1.0471 | 1.0271 | 1.0129 | 1.0451 | 1.0341 | 1.0520 | 1.0474 | 1.0485 | 1.0521 | 1.0482 | 1.0483 |
| 0.156 | 1.0224 | 0.9926 | 0.9861 | 1.0046 | 1.0187 | 1.0142 | 1.0068 | 1.0461 | 1.0355 | 1.0288 | 1.0293 |
| 0.356 | 1.0242 | 0.9932 | 0.9840 | 0.9967 | 1.0184 | 1.0085 | 1.0042 | 1.0383 | 1.0236 | 1.0337 | 1.0272 |
| 0.480 | 1.0244 | 1.0073 | 0.9925 | 1.0036 | 1.0202 | 1.0175 | 1.0139 | 1.0344 | 1.0272 | 1.0277 | 1.0361 |
| 0.625 | 1.0239 | 0.9958 | 0.9878 | 1.0039 | 1.0221 | 1.0200 | 1.0186 | 1.0420 | 1.0240 | 1.0238 | 1.0311 |
| 0.787 | 1.0223 | 1.0053 | 0.9861 | 1.0014 | 1.0188 | 1.0235 | 1.0311 | 1.0443 | 1.0164 | 1.0201 | 1.0294 |
| 1.000 | 1.0598 | 1.0371 | 1.0329 | 1.0301 | 1.0098 | 1.0523 | 1.0560 | 1.0487 | 1.0622 | 1.0557 | 1.0544 |

**Table S7:** **Hydrodynamic diameter (Dh) values in nanometers (nm) for the mixtures of gemini and monomeric surfactants in aqueous and aqueous solvent solutions (2.5 and 5.0%) at different mole fractions of monomeric surfactants (α) at 298.15 K.**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **α** | **Water** | **PrOH** | | **BuOH** | | **tert BuOH** | | **PG** | | **Gly** | |
| **2.5% 5.0%** | | **2.5% 5.0%** | | **2.5% 5.0%** | | **2.5% 5.0%** | | **2.5% 5.0%** | |
| ***10-2-10 + DTAB*** | | | | | | | | | | | |
| 0.000 | 3.61 | 3.44 | 3.02 | 2.95 | 2.09 | 3.52 | 3.27 | 4.00 | 4.50 | 4.28 | 4.39 |
| 0.156 | 3.27 | 3.07 | 2.86 | 2.38 | 1.68 | 3.20 | 2.92 | 3.47 | 3.71 | 3.97 | 3.88 |
| 0.356 | 2.82 | 2.76 | 2.74 | 2.06 | 1.54 | 2.78 | 2.74 | 3.44 | 3.45 | 3.55 | 3.54 |
| 0.480 | 2.69 | 2.65 | 2.58 | 1.88 | 1.41 | 2.51 | 2.44 | 3.10 | 3.17 | 3.22 | 3.47 |
| 0.625 | 2.62 | 2.45 | 2.33 | 1.58 | 1.29 | 2.39 | 2.17 | 2.97 | 3.32 | 3.08 | 3.58 |
| 0.787 | 2.56 | 2.31 | 2.18 | 1.59 | 1.23 | 2.26 | 2.03 | 2.74 | 3.63 | 2.91 | 3.57 |
| 1.000 | 2.28 | 2.06 | 1.94 | 1.81 | 1.47 | 2.11 | 1.92 | 2.39 | 2.72 | 2.87 | 3.00 |
| ***10-2-10 + TTAB*** | | | | | | | | | | | |
| 0.000 | 3.61 | 3.44 | 3.02 | 2.95 | 2.09 | 3.52 | 3.27 | 4.00 | 4.50 | 4.28 | 4.39 |
| 0.156 | 3.59 | 3.20 | 2.46 | 2.56 | 2.22 | 3.32 | 2.54 | 3.54 | 2.84 | 3.68 | 2.99 |
| 0.356 | 3.83 | 3.47 | 3.14 | 2.74 | 2.11 | 3.57 | 2.87 | 3.47 | 3.33 | 3.54 | 3.47 |
| 0.480 | 3.67 | 3.45 | 3.08 | 2.42 | 2.05 | 3.64 | 2.68 | 3.68 | 3.09 | 3.71 | 3.28 |
| 0.625 | 4.85 | 3.04 | 2.60 | 2.37 | 2.26 | 3.09 | 2.54 | 3.44 | 3.95 | 3.65 | 3.55 |
| 0.787 | 3.00 | 2.54 | 2.44 | 2.24 | 2.12 | 3.01 | 2.46 | 3.41 | 3.47 | 3.78 | 3.74 |
| 1.000 | 2.87 | 2.46 | 2.20 | 2.01 | 1.95 | 2.96 | 2.42 | 3.22 | 3.31 | 3.56 | 3.87 |
| ***10-2-10 + CTAB*** | | | | | | | | | | | |
| 0.000 | 3.61 | 3.44 | 3.02 | 2.95 | 2.09 | 3.52 | 3.27 | 4.00 | 4.50 | 4.28 | 4.39 |
| 0.156 | 5.06 | 4.91 | 4.73 | 3.68 | 2.35 | 5.11 | 4.98 | 5.11 | 4.89 | 5.65 | 6.11 |
| 0.356 | 5.80 | 5.82 | 5.38 | 3.97 | 2.84 | 4.58 | 3.54 | 4.56 | 4.77 | 5.24 | 5.47 |
| 0.480 | 5.61 | 5.74 | 5.68 | 4.11 | 3.11 | 3.65 | 3.11 | 4.71 | 3.99 | 5.11 | 5.11 |
| 0.625 | 5.26 | 5.31 | 4.76 | 3.66 | 2.56 | 3.64 | 3.21 | 3.65 | 3.45 | 4.72 | 4.98 |
| 0.787 | 4.65 | 4.50 | 4.30 | 3.54 | 2.26 | 4.51 | 2.77 | 3.58 | 3.25 | 4.45 | 5.11 |
| 1.000 | 3.18 | 2.68 | 2.44 | 2.24 | 1.84 | 2.74 | 2.51 | 2.86 | 2.44 | 4.56 | 4.25 |
| ***12-2-12 + DTAB*** | | | | | | | | | | | |
| 0.000 | 5.33 | 5.28 | 4.67 | 3.91 | 1.99 | 4.67 | 4.40 | 5.68 | 5.87 | 5.30 | 5.34 |
| 0.156 | 5.00 | 4.84 | 4.56 | 4.01 | 1.81 | 4.37 | 5.02 | 5.49 | 6.15 | 5.36 | 5.77 |
| 0.356 | 5.36 | 5.26 | 4.72 | 3.39 | 1.96 | 4.89 | 5.14 | 4.99 | 5.64 | 5.95 | 5.96 |
| 0.480 | 5.94 | 5.70 | 5.51 | 4.08 | 2.16 | 5.28 | 5.20 | 5.38 | 5.86 | 6.02 | 6.47 |
| 0.625 | 5.64 | 5.45 | 5.02 | 3.95 | 1.91 | 5.48 | 5.10 | 5.44 | 5.94 | 6.26 | 6.33 |
| 0.787 | 5.15 | 4.94 | 4.53 | 3.47 | 2.01 | 3.19 | 2.74 | 5.05 | 5.37 | 5.50 | 6.26 |
| 1.000 | 2.28 | 2.06 | 1.94 | 1.81 | 1.47 | 2.11 | 1.92 | 2.39 | 2.72 | 2.87 | 3.00 |
| ***12-2-12 + TTAB*** | | | | | | | | | | | |
| 0.000 | 5.33 | 5.28 | 4.67 | 3.91 | 1.99 | 4.67 | 4.40 | 5.68 | 5.87 | 5.30 | 5.34 |
| 0.156 | 2.46 | 3.69 | 3.22 | 3.58 | 2.55 | 4.56 | 4.28 | 3.94 | 3.88 | 5.62 | 5.41 |
| 0.356 | 3.14 | 3.76 | 2.76 | 3.49 | 2.46 | 3.85 | 3.66 | 4.12 | 4.22 | 4.78 | 4.12 |
| 0.480 | 3.08 | 4.16 | 3.29 | 3.76 | 2.11 | 3.62 | 3.24 | 4.47 | 4.39 | 4.12 | 3.71 |
| 0.625 | 3.60 | 4.35 | 3.87 | 2.47 | 1.88 | 3.44 | 2.86 | 4.60 | 4.77 | 4.36 | 3.95 |
| 0.787 | 3.45 | 4.19 | 3.73 | 2.86 | 1.96 | 3.01 | 2.54 | 4.44 | 4.69 | 3.87 | 3.66 |
| 1.000 | 2.87 | 2.46 | 2.20 | 2.01 | 1.95 | 2.96 | 2.42 | 3.22 | 3.31 | 3.56 | 3.87 |
| ***12-2-12 + CTAB*** | | | | | | | | | | | |
| 0.000 | 5.33 | 5.28 | 4.67 | 3.91 | 1.99 | 4.67 | 4.40 | 5.68 | 5.87 | 5.30 | 5.34 |
| 0.156 | 3.44 | 3.44 | 4.15 | 3.54 | 2.11 | 3.68 | 3.16 | 4.87 | 5.55 | 5.89 | 4.18 |
| 0.356 | 4.21 | 3.92 | 3.25 | 3.11 | 2.33 | 3.48 | 3.01 | 5.26 | 5.12 | 6.14 | 4.68 |
| 0.480 | 4.67 | 4.11 | 3.62 | 2.45 | 1.56 | 3.76 | 2.86 | 4.95 | 4.87 | 5.72 | 5.25 |
| 0.625 | 4.92 | 4.06 | 3.74 | 2.68 | 1.48 | 3.55 | 2.74 | 4.32 | 4.23 | 5.45 | 5.74 |
| 0.787 | 5.14 | 4.39 | 3.15 | 2.31 | 1.69 | 2.99 | 2.35 | 3.56 | 3.71 | 4.66 | 5.61 |
| 1.000 | 3.18 | 2.68 | 2.44 | 2.24 | 1.84 | 2.74 | 2.51 | 2.86 | 2.44 | 4.56 | 4.25 |
| ***14-2-14 + DTAB*** | | | | | | | | | | | |
| 0.000 | 8.15 | 6.54 | 5.73 | 4.28 | 3.16 | 5.92 | 4.68 | 5.94 | 6.42 | 5.75 | 5.63 |
| 0.156 | 7.15 | 6.25 | 5.25 | 4.58 | 2.58 | 4.95 | 4.58 | 5.68 | 4.62 | 5.67 | 6.26 |
| 0.356 | 6.72 | 7.15 | 4.12 | 5.61 | 2.12 | 5.86 | 4.91 | 5.13 | 4.18 | 4.58 | 5.84 |
| 0.480 | 6.43 | 9.02 | 3.25 | 5.87 | 1.58 | 5.11 | 4.22 | 4.51 | 3.26 | 4.28 | 5.12 |
| 0.625 | 5.93 | 6.44 | 4.88 | 4.15 | 1.66 | 5.47 | 3.58 | 3.65 | 2.85 | 3.25 | 4.87 |
| 0.787 | 4.92 | 8.61 | 5.68 | 3.26 | 1.34 | 5.26 | 3.65 | 3.79 | 2.97 | 2.89 | 3.68 |
| 1.000 | 2.28 | 2.06 | 1.94 | 1.81 | 1.47 | 2.11 | 1.92 | 2.39 | 2.72 | 2.87 | 3.00 |
| ***14-2-14 + TTAB*** | | | | | | | | | | | |
| 0.000 | 8.15 | 6.54 | 5.73 | 4.28 | 3.16 | 5.92 | 4.68 | 5.94 | 6.42 | 5.75 | 5.63 |
| 0.156 | 7.52 | 6.78 | 3.22 | 4.57 | 2.56 | 5.86 | 4.85 | 6.44 | 8.87 | 6.25 | 7.48 |
| 0.356 | 7.10 | 6.48 | 2.76 | 5.15 | 2.87 | 5.28 | 3.26 | 7.51 | 8.63 | 6.14 | 7.86 |
| 0.480 | 7.48 | 6.84 | 3.29 | 4.16 | 2.18 | 5.10 | 3.08 | 7.71 | 8.81 | 5.47 | 6.25 |
| 0.625 | 6.18 | 6.58 | 3.87 | 3.56 | 2.69 | 4.78 | 2.64 | 6.58 | 6.89 | 4.69 | 6.38 |
| 0.787 | 6.35 | 6.42 | 3.73 | 3.28 | 2.84 | 3.62 | 2.84 | 6.42 | 5.74 | 4.02 | 5.42 |
| 1.000 | 2.87 | 2.46 | 2.20 | 2.01 | 1.95 | 2.96 | 2.42 | 3.22 | 3.31 | 3.56 | 3.87 |
| ***14-2-14 + CTAB*** | | | | | | | | | | | |
| 0.000 | 8.15 | 6.54 | 5.73 | 4.28 | 3.16 | 5.92 | 4.68 | 5.94 | 6.42 | 5.75 | 5.63 |
| 0.156 | 4.77 | 4.68 | 3.25 | 4.85 | 3.25 | 4.69 | 3.58 | 5.99 | 6.66 | 7.48 | 8.95 |
| 0.356 | 5.17 | 4.15 | 3.76 | 4.69 | 2.58 | 4.25 | 3.24 | 5.28 | 6.08 | 7.05 | 7.85 |
| 0.480 | 5.60 | 3.88 | 3.15 | 5.02 | 2.65 | 3.68 | 2.87 | 4.95 | 5.42 | 6.68 | 7.21 |
| 0.625 | 4.28 | 3.62 | 2.85 | 3.26 | 2.11 | 3.26 | 2.43 | 4.38 | 5.62 | 6.32 | 6.38 |
| 0.787 | 3.64 | 2.99 | 2.61 | 3.57 | 1.88 | 2.84 | 2.15 | 3.58 | 4.75 | 5.25 | 5.84 |
| 1.000 | 3.18 | 2.68 | 2.44 | 2.24 | 1.84 | 2.74 | 2.51 | 2.86 | 2.44 | 4.56 | 4.25 |