

Table 12S

Stability constant and Gibbs free energies for CuCl_2 in presence of H_2BT at 291.15 K for wave (B)

$[M] \times 10^{-3}$ (M)	$[L] \times 10^{-3}$ (M)	$E^\circ M$	$E^\circ C$	ΔE mv	$\text{Log } \beta_{MX}$	ΔG (kJ/mol)
2.94	2.94	0.223	0.252	-0.029	1.551	-8.855
2.78	5.56	0.223	0.4655	-0.242	-3.686	-21.045
2.63	7.89	0.223	0.4375	-0.214	-0.942	-25.381
2.50	10	0.223	0.4405	-0.217	0.647	-33.698
2.38	11.9	0.223	0.4405	-0.217	2.269	-32.954
2.13	16	0.223	0.405	-0.182	7.325	-41.821
1.92	19.2	0.223	0.397	-0.174	11.278	-64.384