

Table 10S. Cyclic voltammetry parameters of CuCl₂ [3.13x10⁻³ M] at different scan rates in absence of H₂BT at 291.15 K for wave (B)

ν (volt/s)	$E_{p,a}$ (volt)	$E_{p,c}$ (volt)	ΔE_p (volt)	$-ip,a$ $\times 10^5$ (Amp)	ip,c $\times 10^{-5}$ (Amp)	$ip,a/ip,c$ (Amp)	$-E^\circ$	Da $\times 10^6$ (cm ² /s)	Dc $\times 10^6$ (cm ² /s)	αn_a	k_s $\times 10^3$ (cm/s)	$\Gamma_c \times 10^{-9}$ (mol/cm ²)	$+Q_c$ $\times 10^{-5}$	$\Gamma_a \times 10^{-9}$ (mol/cm ²)	$-Q_a$ $\times 10^{-5}$
0.1	0.47	-0.02	0.498	1.55	2.00	0.772	0.223	4.29	7.188	0.284	3.151	1.697	1.03	1.31	0.79
0.05	0.42	0.04	0.385	1.44	1.14	1.268	0.230	7.46	4.632	0.401	0.235	1.927	1.17	2.44	1.48
0.02	0.36	0.09	0.264	0.92	0.81	1.135	0.231	7.56	5.867	0.422	0.016	3.429	2.08	3.89	2.36
0.01	0.33	0.13	0.209	0.59	0.63	0.937	0.232	6.22	7.075	0.446	0.004	5.325	3.23	4.99	3.02