

Table 9S. Cyclic voltammetry parameters of CuCl₂ [3.13x10⁻³ M] at different scan rates in absence of H₂BT at 291.15 K for wave (A)

v (volt/s)	$E_{p,a}$ (volt)	$E_{p,c}$ (volt)	ΔE_p (volt)	$-i_{p,a}$ $\times 10^5$ (Amp)	$i_{p,c}$ $\times 10^{-5}$ (Amp)	$i_{p,a}/i_{p,c}$ (Amp)	$-E^\circ$	D_a $\times 10^6$ (cm ² /s)	D_c $\times 10^6$ (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	0.06	-0.77	0.841	5.18	1.71	3.018	0.35	4.81	0.527	0.723	33.41	1.45	0.88	4.388	2.66
0.05	0.017	-0.71	0.719	3.66	1.29	2.841	0.34	4.81	0.596	0.974	2.77	2.18	1.32	6.209	3.76
0.02	-0.02	-0.61	0.591	3.09	0.88	3.492	0.32	8.56	0.702	1.193	0.17	3.75	2.27	13.091	7.94
0.01	-0.04	-0.56	0.517	2.47	0.64	3.844	0.31	10.92	0.737	1.491	0.03	5.43	3.30	20.907	12.72