

Table 7S

Thermodynamic and kinetic parameters of CuCl₂ in absence of H₂BT at 291.15K and 0.1 scan rate for wave A

M x10⁻⁶ (Mol/cm³)	Ep,a (Volt)	Ep,c (volt)	ΔEp (volt)	(-)Ip,a x10⁵ (Amp)	Ip,c x10⁻⁵ (Amp)	Ip,a/Ip,c (Amp)	E°	Da x10⁶ (Cm²/s)	Dc x10⁷ (Cm²/s)	α_{na}	κs x10³ (Cm/s)	Γc x10⁻⁹ (Mol/cm²)	(+) Qc X10⁻⁶	Γa x10⁻⁹ (Mol/cm)	(-)Qa x10⁻⁶
0.82	-0.074	-0.78	0.704	1.78	0.511	3.475	-0.42	8.229	6.81	0.95	3.09	0.433	2.63	1.506	9.13
1.61	-0.051	-0.73	0.68	3.30	0.90	3.664	-0.39	7.329	5.46	0.96	1.84	0.763	4.63	2.797	17.0
2.38	0.014	-0.74	0.76	4.25	1.28	3.318	-0.36	5.589	5.08	0.82	7.82	1.087	6.58	3.606	21.9
3.13	0.063	-0.77	0.84	5.18	1.71	3.018	-0.35	4.805	5.27	0.72	33.4	1.454	8.81	4.388	26.6