

Chemistry 116BL – Kinetics Report Form

Group Members _____

Complex Studied _____

Ruthenium Complex Information

E_{00} (nm) _____ (eV) _____

$E_{1/2}$ (V) _____ (attach the differential pulse polarogram for your complex)

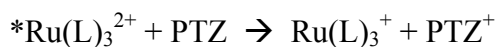
τ_0 (nsec) _____

Quencher Information

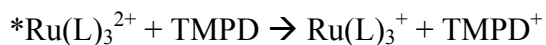
$E_{1/2}$ (V) PTZ _____

$E_{1/2}$ (V) TMPD _____

Reaction Information



ΔG°	k_q (lifetime)	k_q (steady-state)
_____ (kJ mol ⁻¹)	_____ (M ⁻¹ s ⁻¹)	_____ (M ⁻¹ s ⁻¹)



ΔG°	k_q (lifetime)	k_q (steady-state)
_____ (kJ mol ⁻¹)	_____ (M ⁻¹ s ⁻¹)	_____ (M ⁻¹ s ⁻¹)