

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
278	Manganate(VI) Ion	$\text{e}_{\text{aq}}^- + \text{MnO}_4^{2-} \longrightarrow \text{MnO}_4^{3-}$	13	2×10^{10}	p.r.; P.b.k. at 305 nm in Ar-satd. soln.; $I = 0.1$.	81A057