

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
66	Chromate(V) Ion	$\cdot\text{OH} + \text{CrO}_4^{3-} \longrightarrow \text{Cr(VI)}$		5×10^{10}	p.r.; Reoxidation of transient from e_{aq}^- or H; reaction with chromate occurs with $k = 9 \times 10^9$ (ϵ ₃₆₅).	650044