

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
228	Uranium(III) ion	$\cdot\text{OH} + \text{U}^{3+} \longrightarrow \text{UOH}^{3+}$	~ 0.3	4.1×10^8	p.r.; D.k. at 350 nm in He-satd. soln. contg. 0.5 mol L ⁻¹ HClO ₄ , contg. (0.3-2.4) $\times 10^{-1}$ mol L ⁻¹ U ³⁺ ; inner-sphere mechanism.	85A122