

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
237	Ytterbium(II) Ion	$\cdot\text{OH} + \text{Yb}^{3+} \longrightarrow \text{OH}^- + \text{Yb}^{3+}$		8.1×10^9	Average of 2 values.	
			2	3.2×10^9	p.r.; D.k. (Yb ²⁺ formed on p.r. of 5×10^{-2} mol L ⁻¹ Yb ³⁺ soln.).	731084
				2×10^9	p.r.; D.k. (Yb ²⁺) in Ar-satd. soln. contg. Yb(III) sulfate.	720005