

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
59	Californium(III) ion	e _{aq} ⁻ + Cf ³⁺ → Cf(II)	5.3	> 3 × 10 ⁹	p.r.; D.k. in soln. contg. 5 × 10 ⁻⁴ mol L ⁻¹ Cf(ClO ₄) ₃ and 0.1 mol L ⁻¹ <i>tert</i> -BuOH.	83A171