

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
450	Sulfatothorium(IV) Ion	$\text{e}_{\text{aq}}^- + \text{ThSO}_4^{2+} \longrightarrow \text{ThSO}_4^+$		1.1×10^{10}	p.r.; D.k. at 650 nm.	82A416
			3	1.0×10^{10}	p.r.; D.k. at 650 nm in soln. contg. $\text{Th}(\text{SO}_4)_2^{2+}$ and <i>tert</i> -BuOH; soln. contains Th^{4+} , ThSO_4^{2+} and $\text{Th}(\text{SO}_4)_2$; <i>k</i> cor. for I.	83A127