

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
383	Plutonate(VI) Ion	e <sub>aq</sub> <sup>-</sup> + Pu(VI) →	~ 14	1.9 × 10 <sup>10</sup>	p.r.; D.k. at 650 nm in 2 mol L <sup>-1</sup> OH <sup>-</sup> ; <i>k</i> = 2.0 and 0.66 × 10 <sup>10</sup> at 5.0 and 7.5 mol L <sup>-1</sup> OH <sup>-</sup> .	731123