

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
330	Neptunate(VII) Ion	e <sub>aq</sub> <sup>-</sup> + Np(VII) →	~ 13	2.9 × 10 <sup>10</sup>	p.r.; D.k. at 650 nm; k = 731123 3.2, 2.0, 2.1, 1.7, 1.3, 0.88, and 0.6 × 10 <sup>10</sup> at 0.5, 1.0, 2.0, 5.0, 7.5, 10.0, 12.5 mol L <sup>-1</sup> OH <sup>-</sup> , resp.	