

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
164	Cesium(I) ion	e <sub>aq</sub> <sup>-</sup> + Cs <sup>+</sup> → Cs <sup>0</sup>		2 × 10 <sup>4</sup>	f.p.; Phot. of OH <sup>-</sup> ; d.k. at 700 nm; [H <sub>2</sub> ] = 7 × 10 <sup>-4</sup> mol L <sup>-1</sup> , [NaOH] = 10 <sup>-3</sup> -0.3 mol L <sup>-1</sup> ; <i>k</i> corr. for I.	88A329
			< 2 × 10 <sup>1</sup>	p.r.; Counterion SO <sub>4</sub> <sup>2-</sup> .	768009	