

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
62	Chromium(II) Ion	.OH + Cr <sup>2+</sup> → Cr(III)	1	4.8 × 10 <sup>9</sup>	p.r.; C.k.; 0.1 mol L <sup>-1</sup> HClO <sub>4</sub> ; rel. to <i>k</i> (.OH + SCN <sup>-</sup> ).	72G240