

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments
225	Gallium(III) Ions	e <sub>aq</sub> <sup>-</sup> + Ga <sup>3+</sup> → Ga <sup>2+</sup>	2.3	9 × 10 <sup>10</sup> <i>pK<sub>h</sub></i> = 2.9; at pH 2.9 <i>k</i> = 3.2 × 10 <sup>9</sup> ; rel. to <i>k</i> (e <sub>aq</sub> <sup>-</sup> + <i>H</i> <sup>+</sup> ); <i>k</i> cor. for I.	p.r.; C.k.; counterion ClO <sub>4</sub> <sup>-</sup>