

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
9	Aluminum(III)	e <sub>aq</sub> <sup>-</sup> + Al(OH) <sub>3</sub> →	6.8	2.0 × 10 <sup>9</sup>	p.r.; D.k., counterion ClO <sub>4</sub> <sup>-</sup> ; p <i>K</i> <sub>1</sub> = 4.9, 5.43, 5.86, 11.22.	650047