

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
18	Arsenite(III) Ion	e <sub>aq</sub> <sup>-</sup> + AsO <sub>2</sub> <sup>-</sup> →	10.6	5.5 × 10 <sup>8</sup>	p.r.; D.k.; counterion Na <sup>+</sup> ; at <i>I</i> = 0.0075, <i>k</i> <sub>obs</sub> = 680295. 5.9 × 10 <sup>8</sup> ; <i>pK</i> = 9.23; <i>k</i> cor. for <i>I</i> .	680295