

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
477	Trihydroxyzincate(II) Ion	$\text{e}_{\text{aq}}^- + \text{Zn}(\text{OH})_3^- \longrightarrow \text{Zn}(\text{OH})_3^{2-}$	~ 14	$2.7 \times 10^8$	p.r.; Calcd. from d.k. at 700 nm at $[\text{OH}^-] = 1$ to $5 \text{ mol L}^{-1}$ , $k_{\text{obs}} = (14 \text{ to } 3.8) \times 10^8$ , $pK$ 12.7.	81A195