

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments
476	Zinc(II) Ion	$\text{e}_{\text{aq}}^- + \text{Zn}^{2+} \longrightarrow \text{Zn}^+$		1.5×10^9	f.p.; D.
				9.5×10^8	p.r.; D. MeOH
				1×10^9	p.r.; D. <i>k</i> cor. .
					690277
					650044
		6.0	1.5×10^9	p.r.; D.k.	
			1.5×10^9	p.r.; D.k.	
		6.8	1.0×10^9	p.r.; D.k.; counterion SO_4^{2-} ; at pH 9.7 and 12, $k = 5.6 \times 10^8$ and 2.0×10^8 , resp.	650047