

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
167	Zinc(II) Ion	H ^{•+} Zn ²⁺ →	~ 7	< 3 × 10 ⁵	γ-r.; No reaction; c.k. in soln. contg. 1–5 × 10 ⁻² mol L ⁻¹ ZnSO ₄ and 10 ⁻² mol L ⁻¹ EtOH; obs. G(H ₂); rel. to <i>k</i> (H [•] + EtOH).	650192