

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
110	Nickel(II) Ions	$\text{H} \cdot + \text{Ni}^{2+} \longrightarrow$	nat.	$< 3 \times 10^5$	γ -r.; No reaction; c.k. in soln. contg. $5\text{--}10 \times 10^{-2}$ mol L ⁻¹ NiSO ₄ and 10^{-2} mol L ⁻¹ EtOH; obs. $G(\text{H}_2)$; rel. to $k(\text{H} \cdot + \text{EtOH})$.	650192