

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
230	Vanadyl(IV) ion	$\cdot\text{OH} + \text{VO}^{2+} \longrightarrow \text{H}^+ + \text{VO}_2^+$	~ 1	2.5×10^8	p.r.; C.k. in 0.1 mol L ⁻¹ HClO ₄ ; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	72G240