

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments
209	Hydrogen sulfate Ion	$\cdot\text{OH} + \text{HSO}_4^- \longrightarrow \text{SO}_4^{\bullet-} + \text{H}_2\text{O}$	~ 1 1.7×10^6	6.9×10^5 p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{MeOH})$.	p.r.; P.b.k. at 450 nm in KHSO ₄ soln. 660019