

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
62	Chlorite Ion	$\text{e}_{\text{aq}}^- + \text{ClO}_2^- \longrightarrow \text{O}^- + \text{ClO}^-$	10	2.5×10^9	p.r.; D.k. at 690 or 560 nm in Ar-satd. soln.; dose dependent; k calcd. from slope of plot of $[\text{ClO}_2^-]$ vs. k_{obs} at 600 krad per pulse.	81A242