No.	Compound name	Reaction equation	pH	Rate constant $(\mathrm{L\,mol^{-1}\,s^{-1}})$	Comments	Reference
210	Thiosulfate Ion	$.OH + S_2O_3{}^{2-} \longrightarrow S_2O_3OH^{2-}$		7.0×10^9	Average of 3 values.	84A096
			6–11	7.8×10^9	p.r.; Calcd. from time-concn. dependence for intermediates ($S_2O_3OH^{2-}$, $S_4O_6^{3-}$, and $S_2O_3^{2-}$) in soln. contg. 2×10^{-3} mol L^{-1} $Na_2S_2O_3$.	84A096
			~6.4	$\sim 4.7 \times 10^9$	p.r.; C.k.; obs. $Fe(CN)_6^{3-}$ at 400 nm; rel. to $k(.OH + Fe(CN)_6^{4-})$.	84A096
				8.6×10^9	p.r.; C.k.; rel. to $k(.OH + SCN^-)$.	731027