

No.	Compound name		Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
423	Hydrogen Ion	peroxomonosulfate	$\text{e}_{\text{aq}}^- + \text{HSO}_5^- \longrightarrow \text{SO}_4^{2-} + \cdot\text{OH}$		$8.4 \times 10^9$	p.r.; D.k. at 720 nm.	690158