

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
741	Chloroform	e _{aq} ⁻ + CHCl ₃ →	7	3.0 × 10 ¹⁰	p.r.; D.k. at 578 nm; unbuffered soln.	640044
741a	Chloromethane	e _{aq} ⁻ + CH ₃ Cl → Cl ⁻ + CH ₃ •	10	~ 8 × 10 ⁸	p.r.; <i>k</i> = 1.1 × 10 ⁹ by c.k. with SF ₆ .	700225