

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
951	Methylphosphonate Ion	$\cdot\text{OH} + \text{CH}_3\text{PO}_3^{2-} \longrightarrow \text{H}_2\text{O} + \cdot\text{CH}_2\text{PO}_3^{2-}$	9	1.4×10^8	phot.; Obs. CO2 formn. (2 hr.) in O2-contng. soln. contg. 3 mol L ⁻¹ H2O2 and 0.32 mol L ⁻¹ CH3PO3 ²⁻ and 0.32 mol L ⁻¹ AcO ⁻ ; rel. to $k(\cdot\text{OH} + \text{AcO}^-)$.	79F322