

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
124	Hydrogen phosphite ion	$\text{H}\cdot + \text{HPO}_3^{2-} \longrightarrow \text{H}_2 + \text{P O}_3^{2-}$		2.0×10^9	Average of 2 values.	690051
			12-14	1.8×10^9	γ -r.; C.k., obs. G(H); rel. to $k(\text{H} + \text{OH}^-)$ (value not given); soln. cont. 10^{-3} mol L ⁻¹ NaNO ₃ , 5 < 10^{-3} mol L ⁻¹ Na phosphite and 10^{-2} -1 mol L ⁻¹ and NaOH.	
			13.6	2.2×10^9	γ -r.; C.k.; rel. to $k(\text{H}\cdot + \text{OH}^-)$.	650155