

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|---------------|---|--------|---|---|-----------|
| 496 | Acetate Ion | $\text{e}_{\text{aq}}^- + \text{CH}_3\text{CO}_2^- \longrightarrow$ | 0-11.5 | 1.1×10^6 | p.r.; D.k. at 720 nm in Ar-satd. soln. contg. 0.1 mol L ⁻¹ tert-BuOH and 10 ⁻⁴ -10 ⁻² mol L ⁻¹ acetate. | 85A158 |
| | | | ~10 | $< 1 \times 10^6$ | p.r.; D.k. at 578 nm, concn. 1 mol L ⁻¹ . | 630073 |