

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|--------------------|---|----|---|--|-----------|
| 21 | Nitromethane anion | $\text{CH}_3\text{NO}_2^- + \text{e}_{\text{aq}}^- \longrightarrow \text{CH}_3\text{NO}_2^{2-}$ | 10 | $\sim 1 \times 10^{10}$ | p.r.; D.k.; k has same order of magnitude as for $\text{e}_{\text{aq}}^- + \text{CH}_3\text{NO}_2 \longrightarrow \text{CH}_3\text{NO}_2^-$. | 710171 |