

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|---------------|---|----|---|---|-----------|
| 27 | Sulfite Ion | $O^- + SO_3^{2-} \longrightarrow \cdot SO_3^- + OH^-$ | 14 | 3.0×10^8 | p.r.; C.k.; obs. O_3^- at 430 nm in O ₂ -satd. soln.; rel. to $k(\cdot O^- + O_2)$. | 710461 |