

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
931	Ethylenediaminetetraacetate ion	e <sub>aq</sub> <sup>-</sup> + [CH <sub>2</sub> N(CH <sub>2</sub> CO <sub>2</sub> ) <sub>2</sub> ] <sub>2</sub> →	> 11	< 3 × 10 <sup>5</sup>	p.r.; D.k. in buffered 0.5% BuOH soln.; measured <i>k</i> vs. pH; <i>k</i> for HEDTA <sup>3-</sup> ~ 4.7 × 10 <sup>6</sup> , <i>k</i> for H <sub>2</sub> EDTA <sup>2-</sup> ~ 1 × 10 <sup>8</sup> , at pH 10 and 6.5-8.5, resp.; <i>I</i> = 0.12.	77A252