

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
139	1,4,8,12-Tetraazacyclopentadecanenickel(II) ion	$\cdot\text{OH} + \text{NiL}^{2+} \longrightarrow \text{NiL}^{3+}$	3.3	$4.0 \times 10^9$	p.r.; P.b.k. in soln. contg. $1\text{-}10 \times 10^{-4}$ mol L <sup>-1</sup> NiL(CLO <sub>4</sub> ) <sub>2</sub> .	86A470