

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
142	(5,7,7,12,14)Hexamethyl- 1,4,8,11-tetraazacyclotetradeca- 4,11-diene)nickel(II) Ion	$\cdot\text{OH} + \text{Ni}(4,11\text{-dieneN}_4)^{2+} \longrightarrow$ $\text{OH}^- + \text{Ni}(4,11\text{-dieneN}_4)^{3+}$		$2.8 \times 10^9$	Average of 2 values.	
				5.7	$2.5 \times 10^9$	p.r.; P.b.k.
			4-9		$3.0 \times 10^9$	p.r.; P.b.k.