

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
36	(5,7,7,12,14,14-Hexamethyl-1,4,8,11-tetraazacyclotetradeca-4,11-diene)cobalt(II) Ion	$\cdot\text{OH} + \text{Co}(4,14\text{-dieneN}_4)^{2+} \longrightarrow$		$3.0 \times 10^9$	Average of 2 values.	
			7		$2.7 \times 10^9$	p.r.; P.b.k.
			7.0		$3.2 \times 10^9$	p.r.; P.b.k. at 30°C