

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
67	Chromium(II) Ion	$\text{H} \cdot + \text{Cr}^{2+} \longrightarrow \text{CrH}^{2+}$	0-2	$1.5 \times 10^9$	p.r.; P.b.k. (250–470 nm) in Ar-satd. soln. contg. HClO <sub>4</sub> .	741142