

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments
69	Chromate(VI) Ion	$\text{H}\cdot + \text{CrO}_4^{2-} \longrightarrow$		$8.2 \times 10^9$	Average of 2 values.
			$6.3 \times 10^9$	$\gamma$ -r.; C.k.; rel. to $k(\text{H}\cdot + \text{HCO}_2^-)$ .	660616
			$1.0 \times 10^{10}$	$\gamma$ -r.; C.k.; rel. to $k(\text{H}\cdot + \text{EtOH})$ .	650192