Manganese(III)

Equilibrium reaction	lg*K* at infinite dilution and *T* = 298 K
	Brown and Ekberg, 2016
$Mn^{3+} + H_2O \rightleftharpoons MnOH^{2+} + H^+$	0.75 ± 0.18

P.L. Brown and C. Ekberg, Hydrolysis of Metal Ions. Wiley, 2016, pp. 568−570.

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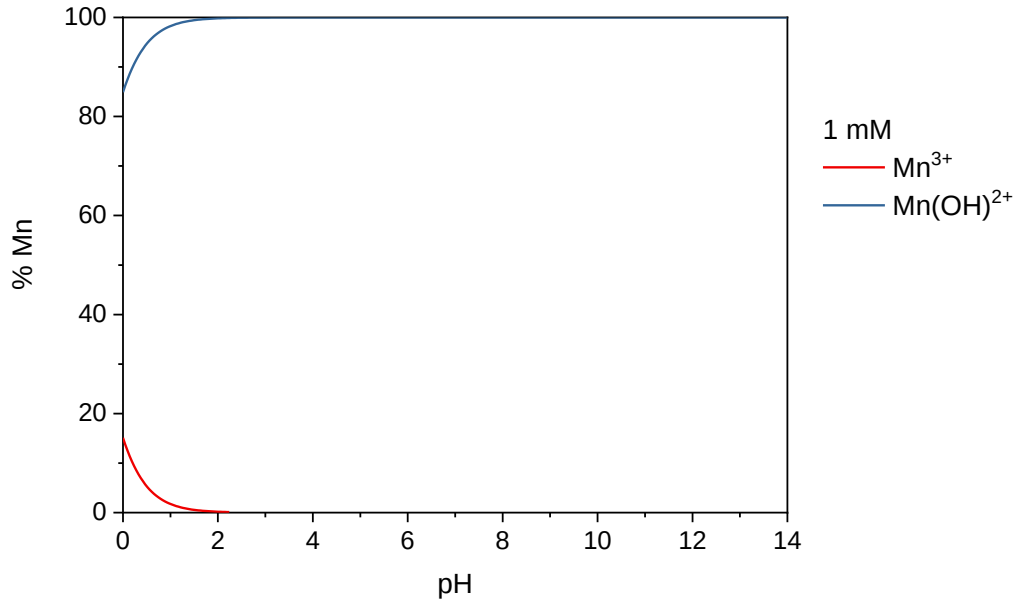
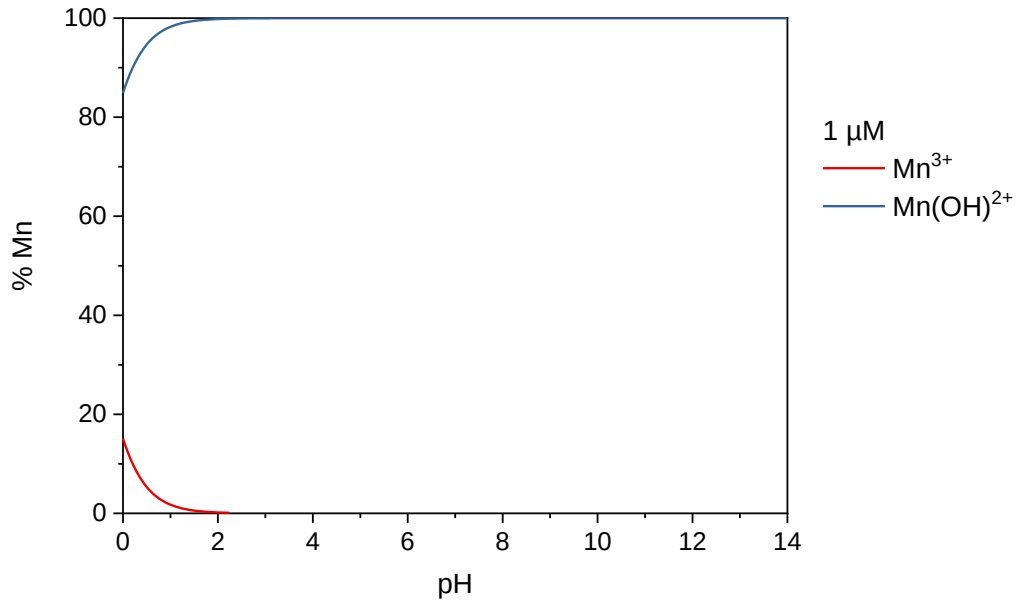
Distribution diagrams

These diagrams have been computed at two Mn(III) concentrations (1 mM = $1x10^{-3}$ mol L^{-1} and 1 μM = $1x10^{-6}$ mol L^{-1}) with the 'best' equilibrium constant above. Calculations assume T = 298 K for the limiting case of zero ionic strength (*i.e.*, even neglecting plotted ions).





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