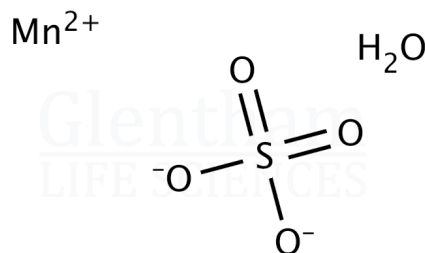


Product Specification

Product Name	Manganese(II) sulfate monohydrate, EP, USP grade
Glentham Code	GK2450
CAS Number	10034-96-5
EINECS	232-089-9
MDL Number	MFCD00149159
Additional CAS	7785-87-7 (anhydr.)
PubChem SID	310276015
Molecular Weight	169.02
Molecular Formula	$\text{MnSO}_4 \cdot \text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification
Physical Description	Pale pink crystalline powder
Identification	To pass EP, USP tests
Appearance of Solution	To pass EP test
Loss on Ignition	10.0 - 12.0 %
Heavy Metals	≤ 20ppm
Chlorides	≤ 100ppm
Iron (Fe)	≤ 10ppm
Zinc (Zn)	≤ 50ppm
Substances not ppt. by ammonium sulphide	≤ 0.5%
Manganese (Mn)	36.0 - 36.8 % (anhydrous basis) 32.2 - 32.8 % (as-is)
Assay	99.0 - 101.0 %
Pharmacopoeia Specification(s)	EP, USP

Specification Version	-	v1.1
Date Created	-	2015-07-24

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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