

## Product Datasheet

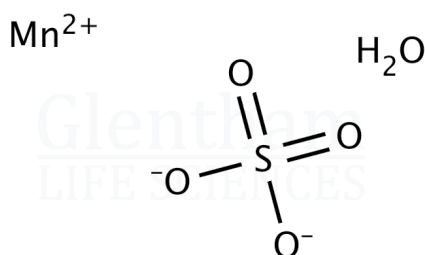
### GK2450 - Manganese(II) sulfate monohydrate, EP, USP grade

#### Product Details

Product Name	Manganese(II) sulfate monohydrate, EP, USP grade
Glenthams Code	GK2450
CAS Number	10034-96-5
EINECS	232-089-9
MDL Number	MFCD00149159
Additional CAS	7785-87-7 (anhydr.)
PubChem SID	310276015
Related Categories	Reagents for PCR, Inorganics, Metal Salts

#### Structure

Molecular Weight	: 169.02
Molecular Formula	: $\text{MnSO}_4 \cdot \text{H}_2\text{O}$



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

CLP Classification	Aquatic Chronic 2, STOT RE 2
Signal Word	Warning

Hazard Codes	H411, H373
Precautionary Codes	P314, P260, P273
Pictograms	
UN Number, Class, PG (RID)	UN3077 - 9 - PG III

#### Glenthams Product 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	: $\leq 20\text{ppm}$
Chlorides	: $\leq 100\text{ppm}$
Iron (Fe)	: $\leq 10\text{ppm}$
Zinc (Zn)	: $\leq 50\text{ppm}$
Substances not ppt. by ammonium sulphide	: $\leq 0.5\%$
Manganese (Mn)	: 36.0 - 36.8 % (anhydrous basis) : 32.2 - 32.8 % (as-is)
Assay	: 99.0 - 101.0 %
Pharmacopoeia Specification(s)	: EP, USP
Version	: v1.1

#### About Manganese(II) sulfate monohydrate, EP, USP grade

No further details on record.

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