

## Product Datasheet

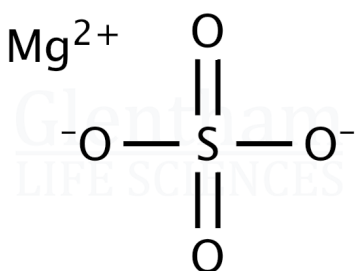
### GK9094 - Magnesium sulfate, anhydrous

#### Product Details

Product Name	Magnesium sulfate, anhydrous
Glenthams Code	GK9094
CAS Number	7487-88-9
EINECS	231-298-2
MDL Number	MFCD00011110
PubChem SID	310275969
Related Categories	Biochemicals, Buffers, Reagents for PCR, Reagents for Cell Culture, Inorganics, Metal Salts

#### Structure

Molecular Weight	: 120.37
Molecular Formula	: $\text{MgSO}_4$



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

Physical Description	: White crystalline powder
Identification	: According to USP
pH (5% in water)	: 5.0 - 9.2
Chloride (Cl)	: $\leq 0.014\%$
Iron (Fe)	: $\leq 20\text{ppm}$
Heavy Metals (as Pb)	: $\leq 0.001\%$
Selenium (Se)	: $\leq 0.003\%$
Loss on Drying	: $\leq 2.0\%$
Assay	: 99.0 - 100.5 % (dry basis)
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

#### About Magnesium sulfate, anhydrous

An anhydrous inorganic salt of magnesium, used as a drying and dehydrating agent and as a source of both magnesium and sulphur.

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