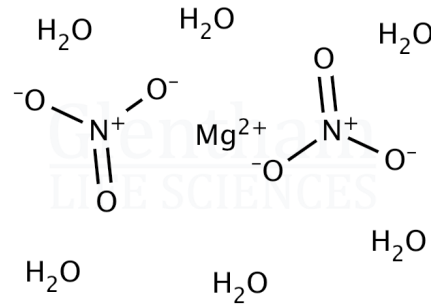


Certificate of Analysis

Product Name	Magnesium nitrate, hexahydrate, 99+%, ACS
Glenthams Code	GX1786
CAS Number	13446-18-9
Batch Number	962MLB
Molecular Weight	256.41
Molecular Formula	Mg(NO ₃) ₂ · 6H ₂ O
Storage Temp.	+20°C



Property	Specification	Batch 962MLB
Physical Description	White crystals	White crystals
pH (5% in water)	5.0 - 8.2	5.85
Insoluble Matter	≤ 0.005%	Conforms
Barium (Ba)	≤ 0.005%	Conforms
Calcium (Ca)	≤ 0.01%	Conforms
Chloride (Cl)	≤ 0.001%	Conforms
Iron (Fe)	≤ 5ppm	Conforms
Potassium (K)	≤ 0.005%	Conforms
Manganese (Mn)	≤ 5ppm	Conforms
Ammonium (NH ₄)	≤ 0.003%	Conforms
Sodium (Na)	≤ 0.005%	Conforms
Phosphate (PO ₄)	≤ 5ppm	Conforms
Sulphate (SO ₄)	≤ 0.005%	Conforms
Strontium (Sr)	≤ 0.005%	Conforms
Heavy Metals	≤ 5ppm	5 ppm
Assay (Complexometric)	98.0 - 102.0 %	99.4%
Grade	ACS	Conforms

Specification Version	v1.0
Manufacture Date	2023-04-12
Re-Test Date	2030-04-12

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

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