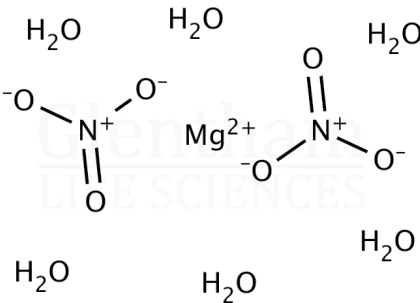


Certificate of Analysis

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 <sub>3</sub> ) <sub>2</sub> · 6H <sub>2</sub> 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 <sub>4</sub> )	≤ 0.003%	Conforms
Sodium (Na)	≤ 0.005%	Conforms
Phosphate (PO <sub>4</sub> )	≤ 5ppm	Conforms
Sulphate (SO <sub>4</sub> )	≤ 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](http://www.glenthams.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024