

Certificate of Analysis

Date of Testing: 2024-12-30 13:40:46
Date of Next Testing: 2028-12-29 13:40:46
Product Name: **Magnesium chloride hexahydrate**
CAS Number: 7791-18-6
Specifications & Purity: ACS, 99.0-102.0%
Lot #: L2430019
SKU #: **M116333**
Version: **0**
Analysis #: **453546**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Calcium(Ca)	0-0.01 (%)	0.00 %
Water by Karl Fischer	51.5-53.5 (%)	51.52 %
Strontium(Sr)	0-0.005 (%)	0.00 %
Assay	99-102 (%)	99.99 %
Manganese(Mn)	0-5 (ppm)	0.17 ppm
Potassium(K)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.11 ppm
(NO3)Nitrate	0-0.001 (%)	0.00 %
Ammonia (NH4)	0-0.002 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.20 ppm
Phosphate(PO4)	0-5 (ppm)	0.16 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Barium(Ba)	0-0.005 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager