

Certificate of Analysis

Date of Testing: 2024-07-18 15:33:23
Date of Next Testing: 2028-07-17 15:33:23
Product Name: **Magnesium chloride hexahydrate**
CAS Number: 7791-18-6
Specifications & Purity: ACS, 99.0-102.0%
Lot #: G2409548
SKU #: **M116333**
Version: **0**
Analysis #: **391421**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Calcium(Ca)	0-0.01 (%)	0.00 %
Water by Karl Fischer	51.5-53.5 (%)	52.48 %
Strontium(Sr)	0-0.005 (%)	0.00 %
Assay	99-102 (%)	99.66 %
Manganese(Mn)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
(NO3)Nitrate	0-0.001 (%)	0.00 %
Ammonia (NH4)	0-0.002 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Phosphate(PO4)	0-5 (ppm)	0.00 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



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

John Su
QA & QC Manager