

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-09 15:46:13
Date of Next Testing: 2028-07-08 15:46:13
Product Name: **Magnesium chloride hexahydrate**
CAS Number: 7791-18-6
Specifications & Purity: Analytical Reagent
Lot #: G2405048
SKU #: **M116331**
Version: **3**
Analysis #: **362340**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Heavy metal (as Pb) | 0-0.0005 (%) | 0.00 % |
| Barium and strontium(as Ba) | 0-0.005 (%) | 0.00 % |
| Phosphate(PO ₄) | 0-0.001 (%) | 0.00 % |
| Insoluble matter in H ₂ O | 0-0.005 (%) | 0.00 % |
| Sulfate(SO ₄ ²⁻) | 0-0.005 (%) | 0.00 % |
| Iron(Fe) | 0-0.0005 (%) | 0.00 % |
| Total Nitrogen | 0-0.005 (%) | 0.00 % |
| Calcium(Ca) | 0-0.05 (%) | 0.00 % |
| Assay(Complexometric EDTA) | 98-102.5 (%) | 100.37 % |
| Solubility in EtOH, clear, 50mg/ml | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager