

Certificate of Analysis

Date of Testing: 2023-09-01 12:49:51
Date of Next Testing: 2027-08-31 12:49:51
Product Name: **Magnesium chloride hexahydrate**
CAS Number: 7791-18-6
Specifications & Purity: Analytical Reagent
Lot #: H2331104
SKU #: **M116331**
Analysis: **269664**
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(PO4) | 0-0.001 (%) | 0.00 % |
| Insoluble matter in H2O | 0-0.005 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.005 (%) | 0.00 % |
| Iron(Fe) | 0-0.0005 (%) | 0.00 % |
| Total Nitrogen | 0-0.005 (%) | 0.00 % |
| Calcium(Ca) | 0-0.05 (%) | 0.02 % |
| Assay(Complexometric EDTA) | 98-102.5 (%) | 101.72 % |
| Solubility in EtOH , clear,50mg/ml | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager