

## Certificate of Analysis

Date of Testing: 2024-03-20 14:35:39  
Date of Next Testing: 2028-03-19 14:35:39  
Product Name: **Magnesium chloride hexahydrate**  
CAS Number: 7791-18-6  
Specifications & Purity: 99.99% metals basis  
Lot #: C2416142  
SKU #: **M116337**  
**Analysis:** **325016**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	51.5-53.5 (%)	51.51%
Magnesium(Mg)	11.6-12.3 (%)	11.61%
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99%
Total Metallic Impuritie	0-100 (ppm)	90.00 ppm
Appearance (M116337)	White crystals	White crystals
ICP: Confirms Magnesium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager