

## Certificate of Analysis

Date of Testing: 2022-02-17 17:25:22  
Date of Next Testing: 2026-02-16 17:25:22  
Product Name: **Magnesium chloride hexahydrate**  
CAS Number: 7791-18-6  
Specifications & Purity: 99.99% metals basis  
Lot #: B2215658  
SKU #: **M116337**  
**Analysis:** **069663**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	51.5-53.5 (%)	53.10%
Magnesium(Mg)	11.6-12.3 (%)	12.07%
Total Metallic Impuritie	0-100 (ppm)	99.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99%
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