

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-29 16:59:57  
Date of Next Testing: 2029-09-28 16:59:57  
Product Name: **Magnesium chloride hexahydrate**  
CAS Number: 7791-18-6  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
Lot #: I2525668  
SKU #: **M116337**  
Version: **0**  
Analysis #: **576760**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Magnesium(Mg)	11.6-12.3 (%)	11.68000 %
Total Metallic Impuritie	0-100 (ppm)	44.00000 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99560 %
Water by Karl Fischer	51.5-53.5 (%)	53.49000 %
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