

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-06 10:23:02
Date of Next Testing: 2026-09-05 10:23:02
Product Name: **Magnesium chloride hexahydrate**
CAS Number: 7791-18-6
Specifications & Purity: 99.99% metals basis
Lot #: I2201735
SKU #: **M116337**
Analysis: **125803**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Magnesium(Mg)	11.6-12.3 (%)	12.07%
Total Metallic Impuritie	0-100 (ppm)	23.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Water by Karl Fischer	51.5-53.5 (%)	51.74%
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