

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-23 09:20:40

Date of Next Testing: 2029-09-22 09:20:40

Product Name: **Magnesium chloride**

CAS Number: 7786-30-3

Specifications & Purity: $\geq 99\%$, powder

Lot #: I2515630

SKU # **M113687**Version **0**Analysis #: **580719**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Calcium(Ca)	0-0.001 (%)	0.00000 %
Water by Karl Fischer	0-2 (%)	1.95220 %
Purity(Compleximetric EDTA)(Dried Basis)	99-100 (%)	99.99330 %
Silicon(Si)	0-0.001 (%)	0.00000 %
Potassium(K)	0-0.003 (%)	0.00000 %
Iron(Fe)	0-0.03 (ppm)	0.00000 ppm
Sodium(Na)	0-0.0019 (%)	0.00000 %
Insoluble matter in H ₂ O	0-0.5 (%)	0.00000 %
Appearance (M113687)	White powder	White powder
ICP: Confirms Magnesium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager