

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-20 14:52:44

Date of Next Testing: 2029-10-19 14:52:44

Product Name: **Magnesium fluoride**

CAS Number: 7783-40-6

Specifications & Purity: AR, ≥97.5%

Lot #: J2516560

SKU #: **M108385**

Version: **1**

Analysis #: **476763**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
loss on Ignition	0-11 (%)	10.38000 %
Sulfate(SO42-)	0-0.05 (%)	0.00040 %
Chloride (Cl-)	0-0.005 (%)	0.00042 %
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00300 %
Assay	97.5-100 (%)	99.11250 %
Iron(Fe)	0-0.01 (%)	0.00053 %
Silicon(Si)	0-0.01 (%)	0.01000 %
Heavy metal (as Pb)	0-0.03 (%)	0.00320 %
ICP: Confirms Magnesium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance (M108385)	White to almost white powder to crystal	White to Almost white powder to crystal



John Su
QA & QC Manager