

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-10-23 16:37:46  
Date of Next Testing: 2029-10-22 16:37:46  
Product Name: **Magnesium fluoride**  
CAS Number: 7783-40-6  
Specifications & Purity: AR, ≥97.5%  
Lot #: J2522762  
SKU #: **M108385**  
Version: **1**  
Analysis #: **476763**

Parameter	Limit Values	Result
loss on Ignition	0-11 (%)	10.38 %
Sulfate(SO42-)	0-0.05 (%)	0.00 %
Chloride (Cl-)	0-0.005 (%)	0.00 %
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00 %
Assay	97.5-100 (%)	99.11 %
Iron(Fe)	0-0.01 (%)	0.00 %
Silicon(Si)	0-0.01 (%)	0.01 %
Heavy metal (as Pb)	0-0.03 (%)	0.00 %
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