

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-14 09:43:10

Date of Next Testing: 2026-06-13 09:43:10

Product Name: **Magnesium fluoride**

CAS Number: 7783-40-6

Specifications & Purity: AR, ≥97.5%

Lot #: H1803026

SKU #: **M108385**

Version: **1**

Analysis #: **099014**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	97.5-100 (%)	98.42960 %
Iron(Fe)	0-0.01 (%)	0.00150 %
loss on Ignition	0-11 (%)	10.00000 %
Silicon(Si)	0-0.01 (%)	0.00100 %
Sulfate(SO42-)	0-0.05 (%)	0.01000 %
Chloride (Cl-)	0-0.005 (%)	0.00100 %
Calcium(Ca)	0-0.1 (%)	0.00540 %
Heavy metal (as Pb)	0-0.03 (%)	0.01300 %
Sodium(Na)	0-0.1 (%)	0.05000 %
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00200 %
Appearance (M108385)	white powder	White powder
ICP: Confirms Magnesium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager