

Certificate of Analysis

Date of Testing: 2024-12-03 09:27:40

Date of Next Testing: 2028-12-02 09:27:40

Product Name: **Magnesium fluoride**

CAS Number: 7783-40-6

Specifications & Purity: AR, ≥97.5%

Lot #: K2429110

SKU #: **M108385**Version: **0**Analysis #: **213371**

Parameter	Limit Values	Result
Iron(Fe)	0-0.01 (%)	0.00 %
loss on Ignition	0-11 (%)	10.61 %
Silicon(Si)	0-0.01 (%)	0.00 %
Sulfate(SO42-)	0-0.05 (%)	0.04 %
Chloride (Cl-)	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.1 (%)	0.00 %
Heavy metal (as Pb)	0-0.03 (%)	0.00 %
Sodium(Na)	0-0.1 (%)	0.03 %
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00 %
Assay	97.5-100 (%)	97.89 %
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