

Certificate of Analysis

Date of Testing: 2025-04-23 16:05:56
Date of Next Testing: 2029-04-22 16:05:56
Product Name: **Magnesium fluoride**
CAS Number: 7783-40-6
Specifications & Purity: AR, ≥97.5%
Lot #: D2518367
SKU #: **M108385**
Version: **0**
Analysis #: **502540**

Parameter	Limit Values	Result
Assay	97.5-100 (%)	98.17%
Iron(Fe)	0-0.01 (%)	0.01%
loss on Ignition	0-11 (%)	10.11%
Silicon(Si)	0-0.01 (%)	0.01%
Sulfate(SO42-)	0-0.05 (%)	0.00%
Chloride (Cl-)	0-0.005 (%)	0.00%
Calcium(Ca)	0-0.1 (%)	0.01%
Heavy metal (as Pb)	0-0.03 (%)	0.00%
Sodium(Na)	0-0.1 (%)	0.00%
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00%
Appearance (M108385)	white powder	White powder
ICP: Confirms Magnesium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager