

Certificate of Analysis

Date of Testing: 2025-04-23 16:07:37

Date of Next Testing: 2029-04-22 16:07:37

Product Name: **Magnesium fluoride**

CAS Number: 7783-40-6

Specifications & Purity: AR, ≥97.5%

Lot #: D2518368

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