

Certificate of Analysis

Date of Testing: 2025-05-20 14:37:34

Date of Next Testing: 2029-05-19 14:37:34

Product Name: **Magnesium fluorosilicate hexahydrate**

CAS Number: 16949-65-8

Specifications & Purity: AR, ≥99%

Lot #: E2512293

SKU #: **M105067**

Version: **2**

Analysis #: **501003**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.1 (%)	0.03 %
Assay(MgSiF ₆ •6H ₂ O)	99-100 (%)	99.92560 %
Heavy metals(as Pb)	0-0.005 (%)	0.00 %
Chloride (Cl ⁻)	0-0.01 (%)	0.00 %
Free acids(as H ₂ SiF ₆)	0-0.5 (%)	0.30 %
Iron(Fe)	0-0.01 (%)	0.00 %
Appearance (M105067)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager