

Certificate of Analysis

Date of Testing: 2024-10-11 17:10:53

Date of Next Testing: 2028-10-10 17:10:53

Product Name: **Magnesium fluorosilicate hexahydrate**

CAS Number: 16949-65-8

Specifications & Purity: Analytical Reagent, 99.0%

Lot #: J2408434

SKU #: **M105067**

Version: **2**

Analysis #: **414235**

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.1 (%)	0.01 %
Assay(MgSiF ₆ •6H ₂ O)	99-100 (%)	99.98690 %
Heavy metals(as Pb)	0-0.005 (%)	0.00 %
Chloride (Cl ⁻)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.01 (%)	0.00 %
Free acids(as H ₂ SiF ₆)	0-0.5 (%)	0.50 %
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