

Certificate of Analysis

Date of Testing: 2023-08-18 16:14:50

Date of Next Testing: 2027-08-17 16:14:50

Product Name: **Magnesium fluorosilicate hexahydrate**

CAS Number: 16949-65-8

Specifications & Purity: Analytical Reagent, 99.0%

Lot #: H2315594

SKU #: **M105067**

Analysis: 258945

Parameter	Limit Values	Result
Iron(Fe)	0-0.005 (ppm)	0.00 ppm
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.01 %
Free acids(as H ₂ SiF ₆)	0-0.5 (%)	0.30 %
Assay(MgSiF ₆ •6H ₂ O)	99-100 (%)	99.96370 %
Heavy metals(as Pb)	0-0.005 (%)	0.00 %
Chloride (Cl ⁻)	0-0.005 (%)	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