

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-31 09:08:48  
Date of Next Testing: 2029-12-30 09:08:48  
Product Name: **Magnesium fluorosilicate hexahydrate**  
CAS Number: 16949-65-8  
Specifications & Purity: AR, ≥99%  
Lot #: L2526204  
SKU #: **M105067**  
Version: **2**  
Analysis #: **624198**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.1 (%)	0.00 %
Assay(MgSiF <sub>6</sub> •6H <sub>2</sub> O)	99-100 (%)	99.97160 %
Heavy metals(as Pb)	0-0.005 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.01 (%)	0.00 %
Free acids(as H <sub>2</sub> SiF <sub>6</sub> )	0-0.5 (%)	0.39 %
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