

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

### Certificate of Analysis

Date of Testing: 2024-10-11 17:47:43  
Date of Next Testing: 2028-10-10 17:47:43  
Product Name: **Magnesium fluorosilicate hexahydrate**  
CAS Number: 16949-65-8  
Specifications & Purity: CP, ≥98%  
Lot #: J2408534  
SKU #: **M105068**  
Version: **0**  
Analysis #: **418148**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-0.01 (ppm)	0.00000 ppm
Assay	98-100 (%)	99.98690 %
Free acids(as H <sub>2</sub> SiF <sub>6</sub> )	0-1 (%)	0.50000 %
Heavy metal (as Pb)	0-0.01 (ppm)	0.00000 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.05 (%)	0.00520 %
Appearance (M105068)	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