

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-11 17:19:16

Date of Next Testing: 2028-10-10 17:19:16

Product Name: **Magnesium fluorosilicate hexahydrate**

CAS Number: 16949-65-8

Specifications & Purity: CP, ≥98%

Lot #: J2408438

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 ₂ SiF ₆)	0-1 (%)	0.50000 %
Heavy metal (as Pb)	0-0.01 (ppm)	0.00000 ppm
Sulfate(SO ₄ ²⁻)	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