

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-18 16:09:37

Date of Next Testing: 2027-08-17 16:09:37

Product Name: **Magnesium fluorosilicate hexahydrate**

CAS Number: 16949-65-8

Specifications & Purity: CP, ≥98%

Lot #: H2315596

SKU #: **M105068**

Version: **0**

Analysis #: **266153**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-0.01 (ppm)	0.01000 ppm
Assay	98-100 (%)	99.96370 %
Free acids(as H ₂ SiF ₆)	0-1 (%)	0.05000 %
Heavy metal (as Pb)	0-0.01 (ppm)	0.00040 ppm
Sulfate(SO ₄ ²⁻)	0-0.05 (%)	0.00200 %
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