

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-22 16:31:10

Date of Next Testing: 2027-03-21 16:31:10

Product Name: **Calcium fluoride**

CAS Number: 7789-75-5

Specifications & Purity: AR, ≥99.5%

Lot #: C2316652

SKU #: **C104251**

Version: **0**

Analysis #: **178926**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	99.5-100 (%)	99.54780 %
Chlorine Compounds(As Cl-)	0-0.01 (%)	0.00320 %
Loss on drying	0-0.4 (%)	0.09000 %
Iron(Fe)	0-0.003 (%)	0.00160 %
Sulfate(SO42-)	0-0.05 (%)	0.01200 %
Total Nitrogen	0-0.005 (%)	0.00250 %
Heavy metal (as Pb)	0-0.003 (%)	0.00010 %
Silicate(SiO3)	0-0.01 (%)	0.00100 %
Appearance (C104251)	white powder	White powder
Carbonate	Passes test	Passes test
ICP:Confirms Calcium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager