

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-09 09:51:04

Date of Next Testing: 2027-09-08 09:51:04

Product Name: **Calcium fluoride**

CAS Number: 7789-75-5

Specifications & Purity: $\geq 98\%$

Lot #: I2306307

SKU #: **C104250**

Version: **0**

Analysis #: **273906**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.01 (%)	0.00000 %
Fluosilicate(SiF ₆)	0-0.04 (%)	0.00000 %
Loss on drying	0-0.6 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.15 (%)	0.00000 %
Assay	98-100 (%)	99.97930 %
Chloride (Cl ⁻)	0-0.02 (%)	0.00400 %
Iron(Fe)	0-0.025 (%)	0.00230 %
Total Nitrogen	0-0.02 (%)	0.00200 %
Appearance (C104250)	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