

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-24 16:23:02

Date of Next Testing: 2028-12-23 16:23:02

Product Name: **Calcium fluoride**

CAS Number: 7789-75-5

Specifications & Purity: AR, ≥99.5%

Lot #: L2419627

SKU #: **C104251**

Version: **0**

Analysis #: **453996**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	99.5-100 (%)	99.99430 %
Chlorine Compounds(As Cl-)	0-0.01 (%)	0.00013 %
Loss on drying	0-0.4 (%)	0.00041 %
Iron(Fe)	0-0.003 (%)	0.00011 %
Sulfate(SO42-)	0-0.05 (%)	0.00102 %
Silicate(SiO3)	0-0.01 (%)	0.00101 %
Total Nitrogen	0-0.005 (%)	0.00057 %
Heavy metal (as Pb)	0-0.003 (%)	0.00106 %
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