

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-21 14:53:31  
Date of Next Testing: 2027-06-21 14:53:31  
Product Name: **Fluorosilicic acid solution**  
CAS Number: 16961-83-4  
Specifications & Purity: AR, 30.0-32.0%  
Lot #: F2405389  
SKU #: **F111657**  
Version: **0**  
Analysis #: **373931**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.003 (%)	0.00020 %
Chloride (Cl-)	0-100 (ppm)	32.12000 ppm
H <sub>2</sub> SiF <sub>6</sub> (Titration by NaOH)	30-32 (%)	31.98000 %
Phosphate(PO <sub>4</sub> )	0-1000 (ppm)	18.21000 ppm
Density (20°C)	1.27-1.31	1.27950
Iron(Fe)	0-100 (ppm)	0.00000 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-100 (ppm)	10.40000 ppm
Appearance (F111657)	Colorless liquid	Colorless liquid



John Su  
QA & QC Manager