

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-07 13:38:05  
Date of Next Testing: 2026-11-06 13:38:05  
Product Name: **Fluorosilicic acid solution**  
CAS Number: 16961-83-4  
Specifications & Purity: AR, 30.0-32.0%  
Lot #: J2326381  
SKU #: **F111657**  
Version: **0**  
Analysis #: **292943**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.003 (%)	0.00000 %
Chloride (Cl-)	0-100 (ppm)	23.60000 ppm
H <sub>2</sub> SiF <sub>6</sub> (Titration by NaOH)	30-32 (%)	31.99000 %
Phosphate(PO <sub>4</sub> )	0-1000 (ppm)	30.30000 ppm
Density (20°C)	1.27-1.31	1.27250
Iron(Fe)	0-100 (ppm)	0.00000 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-100 (ppm)	11.80000 ppm
Appearance (F111657)	Colorless liquid	Colorless liquid



John Su  
QA & QC Manager