

## Certificate of Analysis

Date of Testing: 2024-03-13 16:22:57  
Date of Next Testing: 2028-03-12 16:22:57  
Product Name: **Fluorosilicic acid solution**  
CAS Number: 16961-83-4  
Specifications & Purity: Guaranteed Reagent,30.0-32.0%  
Lot #: E2014050  
SKU #: **F111659**  
Analysis: **330338**

Parameter	Limit Values	Result
H <sub>2</sub> SiF <sub>6</sub> (Titration by NaOH)	30-32 (%)	31.25 %
Density (20°C)	1.27-1.31	1.27
Chloride (Cl <sup>-</sup> )	0-100 (ppm)	36.00 ppm
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Phosphate(PO <sub>4</sub> )	0-500 (ppm)	120.00 ppm
Iron(Fe)	0-100 (ppm)	0.00 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-100 (ppm)	49.00 ppm
Appearance (F111659)	Colorless liquid	Colorless liquid



John Su  
QA & QC Manager