



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-30 11:30:29

Date of Next Testing: 2025-08-29 11:30:29

Product Name: **Fluorosilicic acid solution**

CAS Number: 16961-83-4

Specifications & Purity: AR, 30.0-32.0%

Lot #: H2212190

SKU #: **F111657**

Version: **0**

Analysis #: **129786**

Storage Temperature: Room temperature

| Parameter                                           | Limit Values     | Result           |
|-----------------------------------------------------|------------------|------------------|
| Heavy metal (as Pb)                                 | 0-0.003 (%)      | 0.00010 %        |
| Chloride (Cl-)                                      | 0-100 (ppm)      | 20.10000 ppm     |
| H <sub>2</sub> SiF <sub>6</sub> (Titration by NaOH) | 30-32 (%)        | 31.42000 %       |
| Phosphate(PO <sub>4</sub> )                         | 0-1000 (ppm)     | 500.00000 ppm    |
| Density (20°C)                                      | 1.218-1.222      | 1.22000          |
| Iron(Fe)                                            | 0-100 (ppm)      | 50.00000 ppm     |
| Sulfate(SO <sub>4</sub> 2-)                         | 0-100 (ppm)      | 26.50000 ppm     |
| Appearance (F111657)                                | Colorless liquid | Colorless liquid |

John Su  
QA & QC Manager