

Certificate of Analysis

Date of Testing: 2022-07-18 17:04:12

Date of Next Testing: 2026-07-17 17:04:12

Product Name: **Tetrafluoroboric acid**

CAS Number: 16872-11-0

Specifications & Purity: 50 wt. % in H₂O

Lot #: F2225480

SKU #: **T110577**

Analysis: 062903

| Parameter | Limit Values | Result |
|---|----------------------------------|----------------------------------|
| Lead(Pb) | 0-500 (ppm) | 25.36 ppm |
| Chloride (Cl ⁻) | 0-50 (ppm) | 19.55 ppm |
| Sulfate(SO ₄ ²⁻) | 0-200 (ppm) | 123.20 ppm |
| Density (20°C) | 1.37-1.42 | 1.39 |
| Heavy metal (as Pb) | 0-0.005 (%) | 0.00 % |
| Free borate (HBO ₃) | 0-2.5 (%) | 1.32 % |
| Iron(Fe) | 0-50 (ppm) | 21.32 ppm |
| Hexafluorosilic acid (H ₂ SiF ₆) | 0-200 (ppm) | 40.30 ppm |
| Purity (Titration by NaOH) | 48-51 (%) | 48.01 % |
| Appearance (T110577) | Colorless to light yellow liquid | Colorless to light yellow liquid |



John Su
QA & QC Manager