

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-18 15:50:15

Date of Next Testing: 2026-07-17 15:50:15

Product Name: **Tetrafluoroboric acid**

CAS Number: 16872-11-0

Specifications & Purity: 50 wt. % in H<sub>2</sub>O

Lot #: F2225466

SKU #: **T110577****Analysis: 062903**

Parameter	Limit Values	Result
Lead(Pb)	0-500 (ppm)	25.36 ppm
Chloride (Cl <sup>-</sup> )	0-50 (ppm)	19.55 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	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 <sub>3</sub> )	0-2.5 (%)	1.32 %
Iron(Fe)	0-50 (ppm)	21.32 ppm
Hexafluorosilic acid (H <sub>2</sub> SiF <sub>6</sub> )	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