

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-21 17:10:52

Date of Next Testing: 2026-10-20 17:10:52

Product Name: **Tetrafluoroboric acid**

CAS Number: 16872-11-0

Specifications & Purity: 50 wt. % in H₂O

Lot #: J2211070

SKU #: **T110577****Analysis: 120363**

Parameter	Limit Values	Result
Lead(Pb)	0-500 (ppm)	100.00 ppm
Chloride (Cl ⁻)	0-50 (ppm)	23.50 ppm
Sulfate(SO ₄ ²⁻)	0-200 (ppm)	53.00 ppm
Density (20°C)	1.37-1.42	1.40
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Free borate (HBO ₃)	0-2.5 (%)	1.21 %
Iron(Fe)	0-50 (ppm)	24.60 ppm
Hexafluorosilic acid (H ₂ SiF ₆)	0-200 (ppm)	103.20 ppm
Purity (Titration by NaOH)	48-51 (%)	50.99 %
Appearance (T110577)	Colorless to light yellow liquid	Colorless to light yellow liquid

John Su
QA & QC Manager