

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-16 14:39:34

Date of Next Testing: 2028-12-15 14:39:34

Product Name: **Tetrafluoroboric acid**

CAS Number: 16872-11-0

Specifications & Purity: 50 wt. % in H₂O

Lot #: L2405539

SKU #: **T110577**

Version: **2**

Analysis #: **438747**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Lead(Pb)	0-500 (ppm)	0.00000 ppm
Chloride (Cl ⁻)	0-50 (ppm)	0.00000 ppm
Sulfate(SO ₄ ²⁻)	0-200 (ppm)	0.00000 ppm
Purity (Titration by NaOH)	48-51 (%)	48.50000 %
Density (20°C)	1.37-1.42	1.37900
Heavy metal (as Pb)	0-0.005 (%)	0.00000 %
Iron(Fe)	0-50 (ppm)	0.12140 ppm
Free borate (HBO ₃)	0-2.5 (%)	2.20000 %
Appearance (T110577)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager