

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-11 17:11:15

Date of Next Testing: 2027-08-10 17:11:15

Product Name: **Tetrafluoroboric acid**

CAS Number: 16872-11-0

Specifications & Purity: 50 wt. % in H₂O

Lot #: H2304164

SKU #: **T110577****Analysis: 181973**

Parameter	Limit Values	Result
Lead(Pb)	0-500 (ppm)	100.00 ppm
Chloride (Cl-)	0-50 (ppm)	15.00 ppm
Sulfate(SO ₄ ²⁻)	0-200 (ppm)	26.00 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 (%)	1.20 %
Iron(Fe)	0-50 (ppm)	25.00 ppm
Hexafluorosilic acid (H ₂ SiF ₆)	0-200 (ppm)	55.00 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