

Certificate of Analysis

Date of Testing: 2023-04-03 16:06:25
Date of Next Testing: 2027-04-02 16:06:25
Product Name: **Tetrafluoroboric acid**
CAS Number: 16872-11-0
Specifications & Purity: 50 wt. % in H₂O
Lot #: C23241439
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