

Certificate of Analysis

Date of Testing: 2024-12-14 14:48:00
Date of Next Testing: 2028-12-13 14:48:00
Product Name: **Tetrafluoroboric acid**
CAS Number: 16872-11-0
Specifications & Purity: 50 wt. % in H₂O
Lot #: L2405549
SKU #: **T110577**
Version: **2**
Analysis #: **438747**

Parameter	Limit Values	Result
Lead(Pb)	0-500 (ppm)	0.00 ppm
Chloride (Cl ⁻)	0-50 (ppm)	0.00 ppm
Sulfate(SO ₄ ²⁻)	0-200 (ppm)	0.00 ppm
Purity (Titration by NaOH)	48-51 (%)	48.50 %
Density (20°C)	1.37-1.42	1.38
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Iron(Fe)	0-50 (ppm)	0.12 ppm
Free borate (HBO ₃)	0-2.5 (%)	2.20 %
Appearance (T110577)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager