

Certificate of Analysis

Date of Testing: 2024-04-18 13:49:52

Date of Next Testing: 2028-04-17 13:49:52

Product Name: **Tetrafluoroboric acid**

CAS Number: 16872-11-0

Specifications & Purity: 50 wt. % in H₂O

Lot #: D2402474

SKU #: **T110577**

Analysis: 329706

Parameter	Limit Values	Result
Lead(Pb)	0-500 (ppm)	0.36 ppm
Chloride (Cl ⁻)	0-50 (ppm)	0.26 ppm
Sulfate(SO ₄ ²⁻)	0-200 (ppm)	1.15 ppm
Density (20°C)	1.37-1.42	1.38
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Free borate (HBO ₃)	0-2.5 (%)	0.02 %
Iron(Fe)	0-50 (ppm)	0.62 ppm
Hexafluorosilic acid (H ₂ SiF ₆)	0-200 (ppm)	1.12 ppm
Purity (Titration by NaOH)	48-51 (%)	48.50 %
Appearance (T110577)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager