

Certificate of Analysis

Date of Testing: 2024-10-30 11:07:08
Date of Next Testing: 2028-10-29 11:07:08
Product Name: **Tetrafluoroboric acid**
CAS Number: 16872-11-0
Specifications & Purity: 50 wt. % in H₂O
Lot #: J2422832
SKU #: **T110577**
Version: **1**
Analysis #: **393650**

Parameter	Limit Values	Result
Lead(Pb)	0-500 (ppm)	0.52 ppm
Chloride (Cl-)	0-50 (ppm)	0.26 ppm
Sulfate(SO ₄ ²⁻)	0-200 (ppm)	0.42 ppm
Purity (Titration by NaOH)	48-51 (%)	48.06 %
Density (20°C)	1.37-1.42	1.39
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Free borate (HBO ₃)	0-2.5 (%)	0.43 %
Iron(Fe)	0-50 (ppm)	0.02 ppm
Hexafluorosilic acid (H ₂ SiF ₆)	0-200 (ppm)	0.18 ppm
Appearance (T110577)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager