

## Certificate of Analysis

Date of Testing: 2024-04-18 15:03:03

Date of Next Testing: 2028-04-17 15:03:03

Product Name: **Tetrafluoroboric acid**

CAS Number: 16872-11-0

Specifications & Purity: 50 wt. % in H<sub>2</sub>O

Lot #: D2402475

SKU #: **T110577**

**Analysis: 329706**

Parameter	Limit Values	Result
Lead(Pb)	0-500 (ppm)	0.36 ppm
Chloride (Cl <sup>-</sup> )	0-50 (ppm)	0.26 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	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 <sub>3</sub> )	0-2.5 (%)	0.02 %
Iron(Fe)	0-50 (ppm)	0.62 ppm
Hexafluorosilic acid (H <sub>2</sub> SiF <sub>6</sub> )	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