

Certificate of Analysis

Date of Testing: 2023-02-25 17:24:49
Date of Next Testing: 2027-02-24 17:24:49
Product Name: **Tetrabutylammonium fluoride hydrate**
CAS Number: 22206-57-1
Specifications & Purity: 98%
Lot #: B2323439
SKU #: **T121585**
Analysis: **181903**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
TBHF-HF(neutralization titration)	0-2 (%)	1.15 %
Water by Karl Fischer	0-20 (%)	19.33 %
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.86 %
Appearance (T121585)	White to Yellow Solid	White to Yellow Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager