

Certificate of Analysis

Date of Testing: 2023-07-28 14:48:44
Date of Next Testing: 2027-07-27 14:48:44
Product Name: **Tetrabutylammonium fluoride hydrate**
CAS Number: 22206-57-1
Specifications & Purity: 98%
Lot #: G2311224
SKU #: **T121585**
Analysis: **246077**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
TBHF-HF(neutralization titration)	0-2 (%)	0.62 %
Water by Karl Fischer	0-20 (%)	18.45 %
Purity(Titration by HClO ₄)	97.5-102.5 (%)	97.80 %
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