

Certificate of Analysis

Date of Testing: 2024-08-22 16:24:58
Date of Next Testing: 2028-08-21 16:24:58
Product Name: **Ytterbium trifluoromethanesulfonate hydrate**
CAS Number: 252976-51-5
Specifications & Purity: 99.9% metals basis
Lot #: H2416510
SKU #: **Y113955**
Version: **0**
Analysis #: **357828**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.99%
Yb(Titration complexometric)	25-28 (%)	27.11%
Total Metallic Impurity	0-1000 (ppm)	123.00 ppm
Appearance (Y113955)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager