

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-04-08 14:46:43  
Date of Next Testing: 2026-04-07 14:46:43  
Product Name: **Ytterbium trifluoromethanesulfonate hydrate**  
CAS Number: 252976-51-5  
Specifications & Purity: 99.9% metals basis  
Lot #: D1828211  
SKU #: **Y113955**  
Analysis: **080829**

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.92%
Yb(Titration complexometric)	25-28 (%)	25.53%
Total Metallic Impuritie	0-1000 (ppm)	804.00 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