

## Certificate of Analysis

Date of Testing: 2023-12-06 14:53:57  
Date of Next Testing: 2026-12-05 14:53:57  
Product Name: **Ytterbium(III) trifluoromethanesulfonate**  
CAS Number: 54761-04-5  
Specifications & Purity: 99.99%  
Lot #: K2328532  
SKU #: **Y475150**  
**Analysis: 293869**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Complexometric EDTA (Yb)	26.8-29 (%)	27.44 %
Purity(Based on Rare Earth Analysis)	99.99-100 (%)	99.99 %
Trace Rare Earth Analysis	0-100 (ppm)	88.00 ppm
Appearance(Y475150)	White Powder, Crystals or Crystalline Powder	White Powder, Crystals or Crystalline Powder
ICP:Confirms Ytterbium component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager