

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-08 11:44:42  
Date of Next Testing: 2027-07-08 11:44:42  
Product Name: **Terbium(III) oxide**  
CAS Number: 12036-41-8  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
Lot #: F2426155  
SKU #: **T475154**  
Version: **1**  
Analysis #: **361435**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Tb(Complexometric EDTA)	85.6-88.2 (%)	86.28%
Trace Rare Earth Analysis	0-100 (ppm)	100.00 ppm
Purity Based On Rare Earth Analysis	99.99-100 (%)	99.99%
Appearance(T475154)	White to Off-White Powder or Solid or Crystals	white to off-white powder or solid or crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP:Confirms Terbium Component	Confirmed	Confirmed



John Su  
QA & QC Manager