

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-27 18:47:08
Date of Next Testing: 2028-02-27 18:47:08
Product Name: **Terbium(III) oxide**
CAS Number: 12036-41-8
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis
Lot #: B2525043
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