

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-06 13:54:33

Date of Next Testing: 2026-09-05 13:54:33

Product Name: **Terbium oxide**

CAS Number: 12037-01-3

Specifications & Purity: 99.5%metals basis

Lot #: H2231909

SKU # **T299343**

**Analysis: 127926**

| Parameter                                  | Limit Values          | Result                |
|--------------------------------------------|-----------------------|-----------------------|
| Trace Rare Earth Analysis                  | 0-6000 (ppm)          | 42.00 ppm             |
| Purity(Based On Trace Rare Earth Analysis) | 99.5-100 (%)          | 100.00 %              |
| Appearance (T299343)                       | Brown to black powder | Brown to black powder |
| ICP:Confirms Terbium Component             | Confirmed             | Confirmed             |
| X-Ray Diffraction                          | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager