



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-02 17:17:30

Date of Next Testing: 2027-02-01 17:17:30

Product Name: **Terbium oxide**

CAS Number: 12037-01-3

Specifications & Purity: 99.999% metals basis

Lot #: D1922109

SKU #: **T105880**

Analysis: 182092

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.999-100 (%)	100.00 %
Trace Rare Earth Analysis	0-20 (ppm)	10.00 ppm
Terbium(Tb)	82.8-84.2 (%)	83.60 %
Appearance (T105880)	brown powder	brown powder
ICP:Confirms Terbium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager