

Certificate of Analysis

Date of Testing: 2023-06-14 15:47:14

Date of Next Testing: 2026-06-13 15:47:14

Product Name: **Terbium(III) nitrate hexahydrate**

CAS Number: 13451-19-9

Specifications & Purity: 99.999% trace metals basis

Lot #: F2310609

SKU #: **T475227**

Analysis: **225512**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Compleximetric EDTA % Terbium	35.2 -37.8 (%)	35.48000 %
Purity Based On Rare Earth Analysis	99.999-100 (%)	100.00 %
Trace Rare Earth Analysis	0-20 (ppm)	9.00 ppm
Appearance(T475227)	White powder or Granular	White Powder or Granular
ICP:Confirms Terbium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager