

Certificate of Analysis

Date of Testing: 2023-10-19 11:05:51

Date of Next Testing: 2026-10-18 11:05:51

Product Name: **Terbium(III) perchlorate**

CAS Number: 14014-09-6

Specifications & Purity: 50% aqueous solution, 99.9%-Tb(REO)

Lot #: J2311569

SKU #: **T283498**

Analysis: **272476**

Parameter	Limit Values	Result
Purity Based On Rare Earth Analysis	99.9-100 (%)	99.94 %
Trace Rare Earth Analysis	0-1000 (ppm)	582.00 ppm
Concentration(Titration by EDTA)(Cl ₃ O ₁₂ Tb)	48-52 (%)	51.98000 %
ICP:Confirms Terbium Component	Confirmed	Confirmed



John Su
QA & QC Manager