

Certificate of Analysis

Date of Testing: 2023-10-31 16:54:25

Date of Next Testing: 2026-10-30 16:54:25

Product Name: **Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)thulium(III)**

CAS Number: 15631-58-0

Specifications & Purity: 98% (99.9%-Tm) ((REO))

Lot #: J2326463

SKU #: **T283035**

Analysis: **281770**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.83000 %
Purity(Based on Rare Earth Analysis)	99.9-100 (%)	99.99 %
Trace Rare Earth Analysis(by ICP Atomic emission)	0-1000 (ppm)	58.00 ppm
Carbon by Elemental Analysis	53.9-55.09 (%)	54.65 %
ICP: Confirms Thulium Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager