

Certificate of Analysis

Date of Testing: 2025-07-08 19:07:45

Date of Next Testing: 2028-07-07 19:07:45

Product Name: **Thulium(III) nitrate pentahydrate**

CAS Number: 36548-87-5

Specifications & Purity: PrimorTrace™, ≥99.9% metals basis

Lot #: G2501595

SKU #: **T189124**

Version: **0**

Analysis #: **516487**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.91 %
Trace Rare Earth Analysis	0-2000 (ppm)	855.00 ppm
Appearance (T189124)	White to pale green powder or chunks or crystals	White to pale green powder or chunks or crystals
ICP: Confirms Thulium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager