

Certificate of Analysis

Date of Testing: 2023-01-06 16:39:06

Date of Next Testing: 2027-01-05 16:39:06

Product Name: **Thulium(III) acetate hydrate**

CAS Number: 314041-04-8

Specifications & Purity: 99.9% (REO)

Lot #: D1910034

SKU #: **T192674**

Analysis: **175609**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Thulium by ICP	38-44 (%)	42.72 %
Purity(Based on Rare Earth Analysis)	99.9-100 (%)	99.90 %
Trace Rare Earth Analysis(by ICP Atomic emission)	0-1500 (ppm)	1480.60 ppm
Appearance (T192674)	White to pale green powder to crystalline powder	White to pale green powder to crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager