

Certificate of Analysis

Date of Testing: 2024-05-14 17:44:02
Date of Next Testing: 2028-05-13 17:44:02
Product Name: **Terbium chloride hexahydrate**
CAS Number: 13798-24-8
Specifications & Purity: 99.9% metals basis
Lot #: E2411078
SKU #: **T100634**
Analysis: **095812**
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Trace Rare Earth Analysis(by ICP Atomic emission)	0-2000 (ppm)	592.00 ppm
Water by Karl Fischer	23-33 (%)	32.52 %
Tb(Complexometric EDTA)	40.8-43.6 (%)	41.14 %
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.94 %
Appearance (T100634)	Colorless or White Crystals ,Powder and/or Chunks	Colorless or White Crystals ,Powder and/or Chunks
ICP:Confirms Terbium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager