

## Certificate of Analysis

Date of Testing: 2024-06-17 13:35:43  
Date of Next Testing: 2028-06-16 13:35:43  
Product Name: **Terbium chloride hexahydrate**  
CAS Number: 13798-24-8  
Specifications & Purity: 99.9% metals basis  
Lot #: F2412364  
SKU #: **T100634**  
Version: **0**  
Analysis #: **362798**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Trace Rare Earth Analysis(by ICP Atomic emission)	0-2000 (ppm)	260.00 ppm
Water by Karl Fischer	23-33 (%)	27.44 %
Tb(Complexometric EDTA)	40.8-43.6 (%)	42.18 %
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.97 %
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