

## Certificate of Analysis

Date of Testing: 2022-12-06 17:07:01  
Date of Next Testing: 2026-12-05 17:07:01  
Product Name: **Terbium(III) chloride hexahydrate**  
CAS Number: 13798-24-8  
Specifications & Purity: 99.999% metals basis  
Lot #: K2222366  
SKU #: **T100635**  
**Analysis: 164200**  
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Tb(Complexometric EDTA)	40.8-43.6 (%)	41.00 %
Purity(Based On Trace Rare Earth Analysis)	99.999-100 (%)	100.00 %
Water by Karl Fischer	23-33 (%)	32.80 %
Trace Rare Earth Analysis	0-20 (ppm)	10.00 ppm
Appearance (T100635)	White crystal powder	White crystal powder
ICP:Confirms Terbium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager