

Certificate of Analysis

Date of Testing: 2022-03-12 15:43:56
Date of Next Testing: 2026-03-11 15:43:56
Product Name: **Terbium(III) chloride hexahydrate**
CAS Number: 13798-24-8
Specifications & Purity: 99.999% metals basis
Lot #: C2208091
SKU #: **T100635**
Analysis: **082723**
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