

Certificate of Analysis

Date of Testing: 2022-12-02 11:50:32
Date of Next Testing: 2026-12-01 11:50:32
Product Name: **Terbium(III) chloride hexahydrate**
CAS Number: 13798-24-8
Specifications & Purity: 99.999% metals basis
Lot #: K2222364
SKU #: **T100635**
Analysis: **162231**
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 |



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QA & QC Manager