

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-26 16:07:11
Date of Next Testing: 2027-05-25 16:07:11
Product Name: **Terbium(III) chloride hexahydrate**
CAS Number: 13798-24-8
Specifications & Purity: 99.999% metals basis
Lot #: E2318665
SKU #: **T100635**
Version: **0**
Analysis #: **163324**
Storage Temperature: Argon charged, Desiccated

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Tb(Complexometric EDTA) | 40.8-43.6 (%) | 41.70 % |
| Purity(Based On Trace Rare Earth Analysis) | 99.999-100 (%) | 100.00 % |
| Water by Karl Fischer | 23-33 (%) | 23.57 % |
| Trace Rare Earth Analysis | 0-20 (ppm) | 3.00 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