

## Certificate of Analysis

Date of Testing: 2023-01-11 15:50:35

Date of Next Testing: 2027-01-10 15:50:35

Product Name: **Terbium fluoride**

CAS Number: 13708-63-9

Specifications & Purity: anhydrous, 99.995% metals basis

Lot #: C1920038

SKU #: **T171307**

**Analysis:** **177835**

Storage Temperature: Argon charged

| Parameter                                  | Limit Values             | Result                   |
|--------------------------------------------|--------------------------|--------------------------|
| Trace Rare Earth Analysis                  | 0-60 (ppm)               | 50.00 ppm                |
| Water by Karl Fischer                      | 0-1 (%)                  | 0.19 %                   |
| Purity(Based On Trace Rare Earth Analysis) | 99.995-100 (%)           | 100.00 %                 |
| Appearance (T171307)                       | Colorless to white solid | Colorless to white solid |
| ICP:Confirms Terbium Component             | Confirmed                | Confirmed                |
| X-Ray Diffraction                          | Conforms to Structure    | Conforms to Structure    |



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