

## Certificate of Analysis

Date of Testing: 2024-12-04 14:17:40

Date of Next Testing: 2026-12-04 14:17:40

Product Name: **Erbium(III) chloride**

CAS Number: 10138-41-7

Specifications & Purity: anhydrous, ≥99.9% metals basis, powder

Lot #: B2317844

SKU #: **E119222**

Version: **1**

Analysis #: **442963**

Storage Temperature: Desiccated

| Parameter                                  | Limit Values          | Result                |
|--------------------------------------------|-----------------------|-----------------------|
| Compleximetric EDTA (% Er)                 | 60.1-62 (%)           | 61.20 %               |
| Water by Karl Fischer                      | 0-2 (%)               | 0.91 %                |
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%)          | 100.00 %              |
| Trace Rare Earth Analysis                  | 0-2000 (%)            | 0.00140 %             |
| Appearance (E119222)                       | Pink powder           | Pink powder           |
| ICP: Confirms Erbium Component             | Confirmed             | Confirmed             |
| X-Ray Diffraction                          | Conforms to Structure | Conforms to Structure |



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