

## Certificate of Analysis

Date of Testing: 2023-06-29 16:11:31

Date of Next Testing: 2026-06-28 16:11:31

Product Name: **Erbium(III) tris(2,2,6,6-tetramethyl-3,5-heptanedionate)**

CAS Number: 35733-23-4

Specifications & Purity:  $\geq 99.999\%$  trace metals basis

Lot #: F2325290

SKU #: **E465787**

**Analysis:** **230764**

| Parameter                           | Limit Values                         | Result                               |
|-------------------------------------|--------------------------------------|--------------------------------------|
| Purity Based On Rare Earth Analysis | 99.999-100 (%)                       | 100.00 %                             |
| Erbium(Er)                          | 21.9-24.7 (%)                        | 23.21000 %                           |
| Trace Rare Earth Analysis           | 0-10 (ppm)                           | 10.00 ppm                            |
| Infrared spectrum                   | Conforms to Structure                | Conforms to Structure                |
| ICP: Confirms Erbium Component      | Confirmed                            | Confirmed                            |
| Appearance(E465787)                 | pink to Light Red Powder or Crystals | pink to Light Red Powder or Crystals |



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