

Certificate of Analysis

Date of Testing: 2025-08-11 15:15:55

Date of Next Testing: 2027-08-01 15:15:55

Product Name: **Erbium trinitrate pentahydrate**

CAS Number: 10031-51-3

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: J2327273

SKU #: **E106128**

Version: **0**

Analysis #: **552941**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	15-25 (%)	21.95 %
Compleximetric EDTA (% Er)	37-38.5 (%)	37.01 %
Trace Rare Earth Analysis	0-2000 (ppm)	450.00 ppm
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.95 %
Appearance (E106128)	Pink Crystals or Powder and/or Chunks	Pink Crystals or Powder and/or Chunks
ICP: Confirms Erbium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager