

Certificate of Analysis

Date of Testing: 2024-09-12 17:57:35

Date of Next Testing: 2026-09-02 17:57:35

Product Name: **Erbium trinitrate pentahydrate**

CAS Number: 10031-51-3

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

Lot #: I2403403

SKU # **E106128**

Version **0**

Analysis #: **395355**

Parameter	Limit Values	Result
Complexiometric EDTA (% Er)	37-38.5 (%)	37.33 %
Trace Rare Earth Analysis	0-2000 (ppm)	251.00 ppm
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.97 %
Water by Karl Fischer	15-25 (%)	15.01 %
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