

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 #: B2317814

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



John Su
QA & QC Manager