

Certificate of Analysis

Date of Testing: 2022-09-22 09:29:25

Date of Next Testing: 2024-09-21 09:29:25

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

CAS Number: 10138-41-7

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

Lot #: K2021045

SKU #: **E119222**

Analysis: **138404**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Compleximetric EDTA (% Er)	60.1-62 (%)	61.52 %
Water by Karl Fischer	0-2 (%)	1.31 %
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.94 %
Trace Rare Earth Analysis	0-2000 (%)	607.92000 %
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