

Certificate of Analysis

Date of Testing: 2024-10-25 10:57:28

Date of Next Testing: 2027-10-25 10:57:28

Product Name: **Erbium(III) perchlorate solution**

CAS Number: 14017-55-1

Specifications & Purity: $\geq 99.9\%$ metals basis, 40wt. % in H₂O

Lot #: J2411860

SKU #: **E466598**

Version: **2**

Analysis #: **414092**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95 %
Trace Rare Earth Analysis	0-1000 (ppm)	467.00 ppm
Concentration	38-42 (%)	38.20 %
Appearance(E466598)	Pink to Purple Liquid	Pink to Purple Liquid
ICP: Confirms Erbium Component	Confirmed	Confirmed



John Su
QA & QC Manager