

Certificate of Analysis

Date of Testing: 2023-03-10 16:42:48

Date of Next Testing: 2025-03-09 16:42:48

Product Name: **Europium chloride**

CAS Number: 10025-76-0

Specifications & Purity: powder, 99.9% trace metals basis

Lot #: E2128173

SKU #: **E137920**

Analysis: **197345**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Eu(Complexometric EDTA)	58-62 (%)	60.58 %
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.94 %
Trace Rare Earth Analysis	0-2000 (ppm)	13.52 ppm
Water by Karl Fischer	0-1(%)	0.32 %
ICP: Confirms Europium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance (E137920)	White to yellow powder or crystals	White to yellow powder or crystals



John Su
QA & QC Manager