

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-04 09:34:27
 Date of Next Testing: 2025-01-03 09:34:27
 Product Name: **Europium chloride**
 CAS Number: 10025-76-0
 Specifications & Purity: $\geq 99.9\%$ metals basis, Powder
 Lot #: L2216908
 SKU #: **E137920**
 Version: **1**
 Analysis #: **001961**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.93 %
Trace Rare Earth Analysis	0-2000 (ppm)	711.00 ppm
Water by Karl Fischer	0-1(%)	0.36 %
Eu(Complexometric EDTA)	58-62 (%)	58.18 %
ICP: Confirms Europium Component	Confirmed	Confirmed
Appearance (E137920)	White to yellow powder or crystals	White to yellow powder or crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager