

## Certificate of Analysis

Date of Testing: 2024-08-24 15:40:20  
Date of Next Testing: 2028-08-23 15:40:20  
Product Name: **Europium nitrate hexahydrate**  
CAS Number: 10031-53-5  
Specifications & Purity: 99.9% metals basis  
Lot #: H2420586  
SKU #: **E119162**  
Version: **0**  
Analysis #: **404082**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	100.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99%
Water by Karl Fischer	22-26 (%)	24.07%
Appearance (E119162)	Colorless to White Crystals or Crystalline Solid	Colorless to White Crystals or Crystalline Solid
ICP: Confirms Europium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager