

## Certificate of Analysis

Date of Testing: 2024-06-17 09:36:38  
Date of Next Testing: 2028-06-16 09:36:38  
Product Name: **Europium nitrate hexahydrate**  
CAS Number: 10031-53-5  
Specifications & Purity: 99.9% metals basis  
Lot #: F2401163  
SKU #: **E119162**  
Version: **0**  
Analysis #: **355050**

| Parameter                                  | Limit Values                                     | Result   |
|--|--|--|
| Trace Rare Earth Analysis                  | 0-2000 (ppm)                                     | 193.00 ppm                                       |
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%)                                     | 99.98 %  |
| Water by Karl Fischer                      | 22-26 (%)  | 23.80 %  |
| 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