

## Certificate of Analysis

Date of Testing: 2024-08-24 16:20:38  
Date of Next Testing: 2028-08-23 16:20:38  
Product Name: **Europium nitrate hexahydrate**  
CAS Number: 10031-53-5  
Specifications & Purity: 99.99% metals basis  
Lot #: H2420588  
SKU #: **E196207**  
Version: **0**  
Analysis #: **394645**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	22-26 (%)	24.07 %
Trace Rare Earth Analysis	0-200 (ppm)	100.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Appearance (E196207)	colorless to white crystal solid	colorless to white crystal solid
ICP: Confirms Europium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager