

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-11 10:34:42  
Date of Next Testing: 2027-10-10 10:34:42  
Product Name: **Europium nitrate hexahydrate**  
CAS Number: 10031-53-5  
Specifications & Purity: 99.99% metals basis  
Lot #: I2328406  
SKU #: **E196207**  
**Analysis:** **274993**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	22-26 (%)	22.69%
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
Trace Rare Earth Analysis	0-200 (ppm)	88.00 ppm
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