

## Certificate of Analysis

Date of Testing: 2024-01-31 16:49:51  
Date of Next Testing: 2027-01-30 16:49:51  
Product Name: **Lanthanum(III) oxide**  
CAS Number: 1312-81-8  
Specifications & Purity: suitable for AAS,  $\geq 99.9\%$   
Lot #: A2429351  
SKU #: **L431804**  
Analysis: **319483**

Parameter	Limit Values	Result
Purity Based On Rare Earth Analysis	99.9-100 (%)	99.98 %
Trace Rare Earth Analysis	0-1000 (ppm)	201.00 ppm
La(Complexometric EDTA)	84.0-86.5 (%)	84.72 %
Appearance(L431804)	White Powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager