

## Certificate of Analysis

Date of Testing: 2024-03-11 16:41:10  
Date of Next Testing: 2028-03-10 16:41:10  
Product Name: **Lanthanum oxide**  
CAS Number: 1312-81-8  
Specifications & Purity: 99.99% metals basis  
Lot #: C2408487  
SKU #: **L103872**  
**Analysis:** **325461**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	24.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
Lanthanum(La)	84-86.5 (%)	86.25 %
Appearance (L103872)	white powder	White powder
ICP: Confirms Lanthanum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager