

## Certificate of Analysis

Date of Testing: 2022-05-20 15:43:33  
Date of Next Testing: 2026-05-19 15:43:33  
Product Name: **Lanthanum oxide**  
CAS Number: 1312-81-8  
Specifications & Purity: 99.99% metals basis  
Lot #: E2218143  
SKU #: **L103872**  
**Analysis:** **065705**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	99.00 ppm
Lanthanum(La)	84-86.5 (%)	86.11 %
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
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