

Certificate of Analysis

Date of Testing: 2023-09-20 14:11:09
Date of Next Testing: 2027-09-19 14:11:09
Product Name: **Lanthanum oxide**
CAS Number: 1312-81-8
Specifications & Purity: 99.9% metals basis
Lot #: I2311159
SKU #: **L103877**
Analysis: **266270**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	314.00 ppm
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.97%
La(Complexometric EDTA)	84-86.5 (%)	84.06%
Appearance (L103877)	white powder	White powder
Solubility in 1 M HCl , Colorless, Clear to Slightly Hazy,50 mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager