

Certificate of Analysis

Date of Testing: 2023-03-09 18:00:22
Date of Next Testing: 2027-03-08 18:00:22
Product Name: **Lanthanum nitrate hexahydrate**
CAS Number: 10277-43-7
Specifications & Purity: 99.99% metals basis
Lot #: C2303190
SKU #: **L106048**
Analysis: **200988**

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
La(Complexometric EDTA)	30.8-31.8 (%)	31.50 %
Trace Rare Earth Analysis	0-200 (ppm)	5.00 ppm
Water by Karl Fischer	23-27 (%)	23.86 %
Appearance (L106048)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP: Confirms Lanthanum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager