

## Certificate of Analysis

Date of Testing: 2022-09-16 12:22:51  
Date of Next Testing: 2026-09-15 12:22:51  
Product Name: **Lanthanum chloride, hexahydrate**  
CAS Number: 17272-45-6  
Specifications & Purity: 99.99%  
Lot #: I2212031  
SKU #: **L191521**  
**Analysis: 120161**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
Trace Metal Analysis(by ICP Atomic emission)	0-200 (ppm)	95.00 ppm
Water by Karl Fischer	25-35 (%)	33.17%
ICP: Confirms Lanthanum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager