

## Certificate of Analysis

Date of Testing: 2024-01-09 14:32:05  
Date of Next Testing: 2028-01-08 14:32:05  
Product Name: **Lanthanum chloride**  
CAS Number: 10099-58-8  
Specifications & Purity: 99.9% metals basis,powder,anhydrous  
Lot #: A2404746  
SKU #: **L113545**  
**Analysis:** **305404**  
Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.98 %
Trace Rare Earth Analysis	0-2000 (ppm)	205.67 ppm
Water by Karl Fischer	0-2 (%)	0.93 %
Appearance (L113545)	White powder	White powder
ICP Assay	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager