

## Certificate of Analysis

Date of Testing: 2022-02-28 00:34:59  
Date of Next Testing: 2026-02-27 00:34:59  
Product Name: **Lanthanum(III) chloride**  
CAS Number: 10099-58-8  
Specifications & Purity: anhydrous, beads, 99.9% metals basis  
Lot #: B2224363  
SKU #: **L113547**  
**Analysis:** **078456**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99 %
Water by Karl Fischer	0-2 (%)	0.26 %
Trace Rare Earth Analysis	0-2000 (ppm)	138.00 ppm
Appearance (L113547)	White Beads	White Beads
ICP Assay	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager