

Certificate of Analysis

Date of Testing: 2024-12-16 10:16:13

Date of Next Testing: 2028-12-15 10:16:13

Product Name: **Lanthanum nitrate hexahydrate**

CAS Number: 10277-43-7

Specifications & Purity: AR, ≥99%

Lot #: L2409460

SKU #: **L106046**

Version: **3**

Analysis #: **436335**

Parameter	Limit Values	Result
Calcium(Ca)	0-0.01 (%)	0.00 %
Silicon(Si)	0-0.003 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.00 %
Chloride (Cl-)	0-0.01 (%)	0.00 %
Sodium(Na)	0-0.004 (%)	0.00 %
Lead(Pb)	0-0.015 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
La(Complexometric EDTA)	31.12-32.72 (%)	31.94 %
Purity	99-100 (%)	99.99 %
Appearance (L106046)	white crystal or crystal powder	white crystal or crystal powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager