

Certificate of Analysis

Date of Testing: 2024-11-15 15:04:20

Date of Next Testing: 2028-11-14 15:04:20

Product Name: **Lanthanum nitrate hexahydrate**

CAS Number: 10277-43-7

Specifications & Purity: AR, ≥99%

Lot #: K2406195

SKU #: **L106046**

Version: **2**

Analysis #: **394640**

Parameter	Limit Values	Result
Purity(T)	99-100 (%)	99.99 %
Calcium(Ca)	0-0.01 (%)	0.01 %
Silicon(Si)	0-0.003 (%)	0.00 %
Chloride (Cl-)	0-0.01 (%)	0.01 %
Sodium(Na)	0-0.004 (%)	0.00 %
Lead(Pb)	0-0.015 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
La(Complexometric EDTA)	30.8-31.8 (%)	31.73 %
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



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QA & QC Manager