

## Certificate of Analysis

Date of Testing: 2024-08-27 16:22:41  
Date of Next Testing: 2028-08-26 16:22:41  
Product Name: **Lanthanum nitrate hexahydrate**  
CAS Number: 10277-43-7  
Specifications & Purity: 99.99% metals basis  
Lot #: H2422389  
SKU #: **L106048**  
Version: **1**  
Analysis #: **365586**

| Parameter                                  | Limit Values                         | Result                               |
|--|--------------------------------------|--------------------------------------|
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%)                        | 99.99%                               |
| Trace Rare Earth Analysis                  | 0-200 (ppm)                          | 74.00 ppm                            |
| La(Complexometric EDTA)                    | 30.8-31.8 (%)                        | 31.78%                               |
| Appearance (L106048)                       | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| ICP: Confirms Lanthanum Component          | Confirmed                            | Confirmed                            |
| X-Ray Diffraction                          | Conforms to Structure                | Conforms to Structure                |



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