

Certificate of Analysis

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|--------------------------|--------------------------------------|
| Date of Testing: | 2024-04-03 08:53:40 |
| Date of Next Testing: | 2028-04-02 08:53:40 |
| Product Name: | Lanthanum nitrate hexahydrate |
| CAS Number: | 10277-43-7 |
| Specifications & Purity: | Analytical Reagent,99% |
| Lot #: | C2428314 |
| SKU # | L106046 |
| Analysis: | 332072 |

| Parameter | Limit Values | Result |
|-------------------------|---------------------------------|---------------------------------|
| Chromium(Cr) | 0-5 (ppm) | 0.08 ppm |
| Calcium(Ca) | 0-50 (ppm) | 0.75 ppm |
| Copper(Cu) | 0-5 (ppm) | 0.28 ppm |
| Sulfate(SO42-) | 0-50 (ppm) | 1.07 ppm |
| Iron(Fe) | 0-10 (ppm) | 0.08 ppm |
| (Pb)Lead | 0-10 (ppm) | 0.17 ppm |
| Magnesium(Mg) | 0-5 (ppm) | 0.11 ppm |
| Sodium(Na) | 0-10 (ppm) | 0.05 ppm |
| Cobalt(Co) | 0-5 (ppm) | 0.04 ppm |
| Potassium(K) | 0-10 (ppm) | 0.42 ppm |
| Nickel(Ni) | 0-5 (ppm) | 0.23 ppm |
| Purity(T) | 99-100 (%) | 100.00 % |
| Zinc(Zn) | 0-5 (ppm) | 0.11 ppm |
| Cadmium(Cd) | 0-5 (ppm) | 0.26 ppm |
| Chloride (Cl-) | 0-50 (ppm) | 1.05 ppm |
| Manganese(Mn) | 0-5 (ppm) | 0.00 ppm |
| La(Complexometric EDTA) | 30.8-31.8 (%) | 31.73 % |
| Appearance (L106046) | white crystal or crystal powder | white crystal or crystal powder |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager