

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-24 17:24:32

Date of Next Testing: 2029-02-23 17:24:32

Product Name: **Neodymium nitrate hexahydrate**

CAS Number: 16454-60-7

Specifications & Purity: AR, ≥99%

Lot #: B2518436

SKU #: **N106057**

Version: **3**

Analysis #: **464005**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.002 (%)	0.00 %
Heavy metals PbO	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.003 (%)	0.00 %
REO	≥38.45 (%)	38.53 %
Y2O3	0-0.001 (%)	0.00000 %
Sm2O3	0-0.004 (%)	0.00000 %
Fe2O3	0-0.0004 (%)	0.00 %
La2O3	0-0.005 (%)	0.00000 %
CeO2	0-0.004 (%)	0.00000 %
CaO	0-0.001 (%)	0.00 %
silica(SiO2)	0-0.001 (%)	0.00 %
Pr6O11	0-0.02 (%)	0.00000 %
Assay(Complexometric EDTA)	98.5-101.5 (%)	99.37 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager