

Certificate of Analysis

Date of Testing: 2023-03-09 18:13:55

Date of Next Testing: 2027-03-08 18:13:55

Product Name: **Neodymium nitrate hexahydrate**

CAS Number: 16454-60-7

Specifications & Purity: Analytical Reagent, 99.0 %

Lot #: C2303215

SKU #: **N106057**

Analysis: **197480**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Iron(Fe)	0-0.002 (%)	0.00 %
Water by Karl Fischer	20-30 (%)	21.60 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Heavy metals PbO	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.001 (%)	0.00 %
Insoluble matter in H2O	0-0.002 (%)	0.00 %
Sodium salt Na2O	0-0.01 (%)	0.01 %
REO	35-37 (%)	35.81 %
Relative purity Nd2O3/REO	99.99-100 (%)	100.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager