

Certificate of Analysis

Date of Testing: 2023-05-17 16:59:24

Date of Next Testing: 2027-05-16 16:59:24

Product Name: **Neodymium nitrate hexahydrate**

CAS Number: 16454-60-7

Specifications & Purity: Analytical Reagent, 99.0 %

Lot #: E2310133

SKU #: **N106057**

Analysis: **210574**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Iron(Fe)	0-0.002 (%)	0.00 %
Water by Karl Fischer	20-30 (%)	21.50 %
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 (%)	36.20 %
Relative purity Nd2O3/REO	99.99-100 (%)	99.99 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager