

Certificate of Analysis

Date of Testing: 2023-04-21 17:46:19

Date of Next Testing: 2026-04-20 17:46:19

Product Name: **Neodymium(III) perchlorate Hexahydrate**

CAS Number: 17522-69-9

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: D23141918

SKU #: **N283481**

Version: **2**

Analysis #: **193963**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity Based On Rare Earth Analysis	99.9-100 (%)	99.99 %
Trace Rare Earth Analysis	≤ 2000 (ppm)	118.00 ppm
Assay(Complexometric EDTA)	45-55 (%)	89.91 %
Water by Karl Fischer	18-20 (%)	19.99 %
ICP: Confirms Neodymium Component	Confirmed	Confirmed



John Su
QA & QC Manager