

Certificate of Analysis

Date of Testing: 2024-12-09 13:55:02

Date of Next Testing: 2028-12-08 13:55:02

Product Name: **Neodymium fluoride**

CAS Number: 13709-42-7

Specifications & Purity: anhydrous, ≥99.9% metals basis

Lot #: C2115083

SKU #: **N122097**

Version: **0**

Analysis #: **445427**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.96 %
Water by Karl Fischer	0-1 (%)	0.49 %
Trace Rare Earth Analysis	0-2000 (ppm)	408.00 ppm
Appearance (N122097)	Light Purple to Dark Purple Powder	Light Purple to Dark Purple Powder
ICP Major Analysis	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager