

## Certificate of Analysis

Date of Testing: 2024-05-22 13:20:20

Date of Next Testing: 2028-05-21 13:20:20

Product Name: **Neodymium(III) chloride**

CAS Number: 10024-93-8

Specifications & Purity: anhydrous, 99.9% metals basis

Lot #: E2421403

SKU #: **N106126**

Version: **0**

Analysis #: **360998**

Storage Temperature: Desiccated

| Parameter                                     | Limit Values                                                                | Result                                                                      |
|-----------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Water by Karl Fischer                         | 0-1 (%)                                                                     | 0.95 %                                                                      |
| Purity(Based On Trace<br>Rare Earth Analysis) | 99.9-100 (%)                                                                | 99.99 %                                                                     |
| Trace Rare Earth Analysis                     | 0-2000 (ppm)                                                                | 59.00 ppm                                                                   |
| Appearance (N106126)                          | White to Light Pink or Green or Light purple<br>to Purple Powder or Crystal | White to Light Pink or Green or Light purple to<br>Purple Powder or Crystal |
| ICP: Confirms Neodymium<br>Component          | Confirmed                                                                   | Confirmed                                                                   |
| X-Ray Diffraction                             | Conforms to Structure                                                       | Conforms to Structure                                                       |



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