

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-16 14:54:11  
 Date of Next Testing: 2027-05-15 14:54:11  
 Product Name: **Neodymium(III) chloride hexahydrate**  
 CAS Number: 13477-89-9  
 Specifications & Purity:  $\geq 99.9\%$  metals basis  
 Lot #: E23101005  
 SKU #: **N123721**  
 Version: **0**  
 Analysis #: **162390**

| Parameter                                  | Limit Values              | Result                                                                  |
|--------------------------------------------|---------------------------|-------------------------------------------------------------------------|
| Trace Rare Earth Analysis                  | 0-2000 (ppm)              | 359.00 ppm                                                              |
| Water by Karl Fischer                      | 29-32 (%)                 | 29.45 %                                                                 |
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%)              | 99.96 %                                                                 |
| Appearance (N123721)                       | purple powder or crystals | Faint Purple to Purple powder or Crystals, Crystalline Powder or Chunks |
| ICP Major Analysis                         | Confirmed to structure    | Confirmed to structure                                                  |
| X-Ray Diffraction                          | Conforms to Structure     | Conforms to Structure                                                   |



John Su  
QA & QC Manager