

## Certificate of Analysis

Date of Testing: 2025-04-17 17:51:02

Date of Next Testing: 2029-04-16 17:51:02

Product Name: **Nickel chloride hexahydrate**

CAS Number: 7791-20-0

Specifications & Purity:  $\geq 97\%$

Lot #: D2507389

SKU #: **N579093**

Version: **1**

Analysis #: **486539**

Storage Temperature: Desiccated

| Parameter                            | Limit Values                            | Result                                  |
|--------------------------------------|-----------------------------------------|-----------------------------------------|
| Insoluble matter in H <sub>2</sub> O | 0-0.005 (%)                             | 0.00 %                                  |
| Cobalt(Co)                           | 0-60 (ppm)                              | 0.00 ppm                                |
| Iron(Fe)                             | 0-20 (ppm)                              | 0.00 ppm                                |
| Zinc(Zn)                             | 0-10 (ppm)                              | 0.00 ppm                                |
| Lead(Pb)                             | 0-10 (ppm)                              | 0.00 ppm                                |
| Sodium(Na)                           | 0-300 (ppm)                             | 18.98 ppm                               |
| Magnesium(Mg)                        | 0-30 (ppm)                              | 0.00 ppm                                |
| Calcium(Ca)                          | 0-60 (ppm)                              | 0.00 ppm                                |
| Cadmium(Cd)                          | 0-10 (ppm)                              | 0.00 ppm                                |
| Copper(Cu)                           | 0-10 (ppm)                              | 0.00 ppm                                |
| Manganese(Mn)                        | 0-10 (ppm)                              | 0.00 ppm                                |
| Chromium(Cr)                         | 0-10 (ppm)                              | 0.00 ppm                                |
| Arsenic(As)                          | 0-10 (ppm)                              | 0.00000 ppm                             |
| Mercury(Hg)                          | 0-10 (ppm)                              | 0.00 ppm                                |
| Assay(Titration)                     | 97-102.5 (%)                            | 99.00 %                                 |
| PH(20°C, 5%)                         | 4-6                                     | 6.00                                    |
| Appearance(N579093)                  | Faint Green to Green Powder or Crystals | Faint Green to Green Powder or Crystals |
| X-Ray Diffraction                    | Conforms to Structure                   | Conforms to Structure                   |



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager