

## Certificate of Analysis

Date of Testing: 2024-10-14 17:24:35

Date of Next Testing: 2028-10-13 17:24:35

Product Name: **Nickel(II) acetate tetrahydrate**

CAS Number: 6018-89-9

Specifications & Purity: Analytical Reagent,99.0%

Lot #: I2429232

SKU # **N112914**

Version **1**

Analysis #: **416916**

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| Heavy metal (as Pb)                             | 0-0.002 (%)           | 0.00 %                |
| Loss on drying                                  | 25-30 (%)             | 29.25 %               |
| Substances not precipitated by ammonium sulfide | 0-0.1 (%)             | 0.00 %                |
| Zinc(Zn)                                        | 0-0.005 (%)           | 0.00 %                |
| Iron(Fe)                                        | 0-5 (ppm)             | 1.00 ppm              |
| (NO3)Nitrate                                    | 0-0.005 (%)           | 0.00 %                |
| Insoluble matter in H2O                         | 0-0.005 (%)           | 0.00 %                |
| Sulfate(SO42-)                                  | 0-0.005 (%)           | 0.00 %                |
| Chloride (Cl-)                                  | 0-0.001 (%)           | 0.00 %                |
| Cobalt(Co)                                      | 0-0.01 (%)            | 0.00 %                |
| Assay                                           | 99-100 (%)            | 99.99 %               |
| Ni(Gravimetric Analysis)                        | 22.9-24.2 (%)         | 24.18 %               |
| Appearance (N112914)                            | Blue-Green Powder     | Blue-Green Powder     |
| ICP: Confirms Nickel Component                  | Confirmed             | Confirmed             |
| Infrared spectrum                               | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager