

Certificate of Analysis

Date of Testing: 2024-11-26 11:43:42
Date of Next Testing: 2028-11-25 11:43:42
Product Name: **Nickel(II) acetate tetrahydrate**
CAS Number: 6018-89-9
Specifications & Purity: AR, ≥99%
Lot #: K2421583
SKU #: **N112914**
Version: **1**
Analysis #: **440873**

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Heavy metal (as Pb) | 0-0.002 (%) | 0.00% |
| Loss on drying | 25-30 (%) | 29.68% |
| Substances not precipitated by ammonium sulfide | 0-0.1 (%) | 0.00% |
| Ni(Gravimetric Analysis) | 22.9-24.2 (%) | 23.56% |
| Zinc(Zn) | 0-0.005 (%) | 0.00% |
| Iron(Fe) | 0-5 (ppm) | 2.11 ppm |
| (NO ₃)Nitrate | 0-0.005 (%) | 0.00% |
| Insoluble matter in H ₂ O | 0-0.005 (%) | 0.00% |
| Sulfate(SO ₄ ²⁻) | 0-0.005 (%) | 0.00% |
| Chloride (Cl ⁻) | 0-0.001 (%) | 0.00% |
| Cobalt(Co) | 0-0.01 (%) | 0.00% |
| Assay | 99-100 (%) | 99.98% |
| 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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager