

Certificate of Analysis

Date of Testing: 2024-06-27 11:45:31
Date of Next Testing: 2028-06-26 11:45:31
Product Name: **Nickel(II) acetate tetrahydrate**
CAS Number: 6018-89-9
Specifications & Purity: Analytical Reagent,99.0%
Lot #: F2419311
SKU #: **N112914**
Version: **1**
Analysis #: **377120**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.002 (%)	0.00%
Loss on drying	25-30 (%)	29.62%
Substances not precipitated by ammonium sulfide	0-0.1 (%)	0.02%
Ni(Gravimetric Analysis)	22.9-24.2 (%)	23.74%
Zinc(Zn)	0-0.005 (%)	0.00%
Iron(Fe)	0-5 (ppm)	2.00 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 (%)	99.91%
Appearance (N112914)	Blue-Green Powder	Blue-Green Powder
ICP: Confirms Nickel Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager