

Certificate of Analysis

Date of Testing: 2022-02-18 16:20:10

Date of Next Testing: 2026-02-17 16:20:10

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

CAS Number: 6018-89-9

Specifications & Purity: Analytical Reagent,99.0%

Lot #: B2217272

SKU #: **N112914**

Analysis: 062803

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.002 (%)	0.00%
Loss on drying	25-30 (%)	28.64%
Substances not precipitated by ammonium sulfide	0-0.1 (%)	0.08%
Ni(Gravimetric Analysis)	22.9-24.2 (%)	23.98%
Zinc(Zn)	0-0.005 (%)	0.00%
Iron(Fe)	0-5 (ppm)	3.99 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 (%)	0.01%
Assay	99-100 (%)	99.96%
Appearance (N112914)	Blue-Green Powder	Blue-Green Powder
ICP: Confirms Nickel Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager