

Certificate of Analysis

Date of Testing: 2023-06-02 15:55:38

Date of Next Testing: 2027-06-01 15:55:38

Product Name: **Nickel nitrate hexahydrate**

CAS Number: 13478-00-7

Specifications & Purity: Analytical Reagent, 98%

Lot #: E2329858

SKU #: **N108891**

Analysis: **235046**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chloride (Cl ⁻)	0-10 (ppm)	1.20 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Copper (Cu)	0-10 (ppm)	1.20 ppm
Assay	98-100 (%)	99.91 %
Lead (Pb)	0-0.001 (%)	0.00 %
Cobalt (Co)	0-0.01 (%)	0.00 %
Magnesium (Mg)	0-0.01 (%)	0.00 %
Zinc (Zn)	0-0.005 (%)	0.00 %
Sulfate (SO ₄ ²⁻)	0-50 (ppm)	1.33 ppm
Calcium (Ca)	0-0.01 (%)	0.00 %
Iron (Fe)	0-0.0005 (%)	0.00 %
Potassium (K)	0-0.005 (%)	0.00 %
Sodium (Na)	0-0.01 (%)	0.00 %
Appearance (N108891)	Green to Green-Blue Powder, Crystals or Chunks	Green to Green-Blue Powder, Crystals or Chunks
ICP: Confirms Nickel Component	Confirmed	Confirmed
X-Ray Diffraction	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