

Certificate of Analysis

Date of Testing: 2023-08-04 14:30:41
 Date of Next Testing: 2027-08-03 14:30:41
 Product Name: **Nickel nitrate hexahydrate**
 CAS Number: 13478-00-7
 Specifications & Purity: Analytical Reagent, 98%
 Lot #: G2328130
 SKU #: **N108891**
Analysis: **261113**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chloride (Cl ⁻)	0-10 (ppm)	0.58 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Copper (Cu)	0-10 (ppm)	0.00 ppm
Assay	98-100 (%)	100.00 %
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)	1.05 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



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager