

Certificate of Analysis

Date of Testing: 2024-12-19 16:03:54

Date of Next Testing: 2028-12-18 16:03:54

Product Name: **Nickel nitrate hexahydrate**

CAS Number: 13478-00-7

Specifications & Purity: AR, ≥98%

Lot #: L2416679

SKU #: **N108891**

Version: **0**

Analysis #: **452739**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chloride (Cl-)	0-10 (ppm)	0.35 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Copper(Cu)	0-10 (ppm)	0.00 ppm
Assay	98-100 (%)	99.99 %
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(SO42-)	0-50 (ppm)	1.35 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