

Certificate of Analysis

Date of Testing: 2024-11-15 17:18:34

Date of Next Testing: 2028-11-14 17:18:34

Product Name: **Nickel chloride hexahydrate**

CAS Number: 7791-20-0

Specifications & Purity: $\geq 97\%$

Lot #: K2408315

SKU #: **N579093**

Version: **1**

Analysis #: **224559**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
PH(20°C, 5%)	4-6	5.50
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Cobalt(Co)	0-60 (ppm)	34.00 ppm
Iron(Fe)	0-20 (ppm)	10.50 ppm
Zinc(Zn)	0-10 (ppm)	4.90 ppm
Lead(Pb)	0-10 (ppm)	3.60 ppm
Sodium(Na)	0-300 (ppm)	120.00 ppm
Magnesium(Mg)	0-30 (ppm)	19.00 ppm
Calcium(Ca)	0-60 (ppm)	25.00 ppm
Cadmium(Cd)	0-10 (ppm)	2.90 ppm
Copper(Cu)	0-10 (ppm)	4.50 ppm
Manganese(Mn)	0-10 (ppm)	2.50 ppm
Chromium(Cr)	0-10 (ppm)	3.10 ppm
Arsenic(As)	0-10 (ppm)	2.80000 ppm
Mercury(Hg)	0-10 (ppm)	4.60 ppm
Assay(Titration)	97-102.5 (%)	99.96 %
Appearance(N579093)	Faint Green to Green Powder or Crystals	Faint Green to Green Powder or Crystals
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