

## Certificate of Analysis

Date of Testing:	2024-06-29 14:03:24
Date of Next Testing:	2028-06-28 14:03:24
Product Name:	<b>Nickel(II) acetate tetrahydrate</b>
CAS Number:	6018-89-9
Specifications & Purity:	Analytical Reagent,99.0%
Lot #:	F2419309
SKU #	<b>N112914</b>
Version	<b>1</b>
Analysis #:	<b>377120</b>

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.002 (%)	0.00%
Loss on drying	25-30 (%)	29.62%
Substances not precipitated by ammonium sulfide	0-0.1 (%)	0.02%
Ni(Gravimetric Analysis)	22.9-24.2 (%)	23.74%
Zinc(Zn)	0-0.005 (%)	0.00%
Iron(Fe)	0-5 (ppm)	2.00 ppm
(NO <sub>3</sub> )Nitrate	0-0.005 (%)	0.00%
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00%
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00%
Chloride (Cl <sup>-</sup> )	0-0.001 (%)	0.00%
Cobalt(Co)	0-0.01 (%)	0.00%
Assay	99-100 (%)	99.91%
Appearance (N112914)	Blue-Green Powder	Blue-Green Powder
ICP: Confirms Nickel Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager