

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-28 16:09:44  
Date of Next Testing: 2028-03-27 16:09:44  
Product Name: **Nickel(II) acetate tetrahydrate**  
CAS Number: 6018-89-9  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: C2427200  
SKU #: **N112914**  
Analysis: **337532**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.002 (%)	0.00%
Loss on drying	25-30 (%)	27.71%
Substances not precipitated by ammonium sulfide	0-0.1 (%)	0.00%
Ni(Gravimetric Analysis)	22.9-24.2 (%)	23.68%
Zinc(Zn)	0-0.005 (%)	0.00%
Iron(Fe)	0-5 (ppm)	0.91 ppm
(NO3)Nitrate	0-0.005 (%)	0.00%
Insoluble matter in H2O	0-0.005 (%)	0.00%
Sulfate(SO42-)	0-0.005 (%)	0.00%
Chloride (Cl-)	0-0.001 (%)	0.00%
Cobalt(Co)	0-0.01 (%)	0.00%
Assay	99-100 (%)	99.94%
Appearance (N112914)	Blue-Green Powder	Blue-Green Powder
ICP: Confirms Nickel Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager