

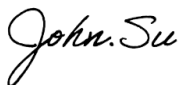
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-03 19:30:43
Date of Next Testing: 2027-03-02 19:30:43
Product Name: **Nickel oxide**
CAS Number: 1313-99-1
Specifications & Purity: AR, ≥99%
Lot #: C2301792
SKU #: **N108314**
Version: **0**
Analysis #: **143655**

Parameter	Limit Values	Result
Cobalt(Co)	0-0.1 (%)	0.05 %
Sulfate(SO42-)	0-0.02 (%)	0.01 %
(NO3)Nitrate	0-0.01 (%)	0.01 %
Vulcanization ammonium not sediment(With sulfate plan)	0-0.1 (%)	0.06 %
Iron(Fe)	0-0.005 (%)	0.00 %
Heavy metals (as Cu)	0-0.01 (%)	0.01 %
HCl insoluble	0-0.05 (%)	0.02 %
Ni(Gravimetric Analysis With Dimethylglyoxime)	76.2-79.8 (%)	77.86 %
Appearance (N108314)	Green to Very Dark Green and Green-Brown Powder	Green to Very Dark Green and Green-Brown Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager