

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-08 09:46:29  
Date of Next Testing: 2026-06-07 09:46:29  
Product Name: **Nickel oxide**  
CAS Number: 1313-99-1  
Specifications & Purity: 99.5%metals basis, < 30nm  
Lot #: E2230068  
SKU #: **N140976**  
**Analysis:** **071601**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Average Particle Size (BET)	0-30 (nm)	8.86 nm
Total Metallic Impuritie	0-5000 (ppm)	4968.00 ppm
Assay(Ni)(With Dimethylglyoxime)	76.2-81 (%)	76.22 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.50 %
Appearance (N140976)	dark green to black powder	dark green to black powder
ICP: Confirms Nickel Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager