

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2026-04-13 16:31:18  
Date of Next Testing: 2030-04-12 16:31:18  
Product Name: **Nickel oxide**  
CAS Number: 1313-99-1  
Specifications & Purity:  $\geq 99.5\%$  metals basis, < 30nm  
Lot #: D2610550  
SKU #: **N140976**  
Version: **1**  
Analysis #: **682007**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	3339.00000 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.66610 %
Assay(Ni)(With Dimethylglyoxime)	76.2-81 (%)	76.50000 %
Average Particle Size(TEM)	0-30 (nm)	29.20000 nm
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