

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-17 09:21:28

Date of Next Testing: 2029-05-16 09:21:28

Product Name: **Nickel oxide**

CAS Number: 1313-99-1

Specifications & Purity: $\geq 99.5\%$ metals basis, < 30nm

Lot #: E2507496

SKU #: **N140976**

Version: **1**

Analysis #: **495467**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	992.00000 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.90080 %
Average Particle Size(TEM)	0-30 (nm)	8.44000 nm
Assay(Ni)(With Dimethylglyoxime)	76.2-81 (%)	76.28000 %
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