

Certificate of Analysis

Date of Testing: 2024-12-03 14:37:10

Date of Next Testing: 2028-12-02 14:37:10

Product Name: **Nickel oxide**

CAS Number: 1313-99-1

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

Lot #: K2426503

SKU # **N140976**

Version **1**

Analysis #: **426417**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	2562.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.74 %
Average Particle Size(TEM)	0-30 (nm)	18.86000 nm
Assay(Ni)(With Dimethylglyoxime)	76.2-81 (%)	76.21 %
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