

Certificate of Analysis

Date of Testing: 2023-03-04 15:16:11
Date of Next Testing: 2027-03-03 15:16:11
Product Name: **Nickel oxide**
CAS Number: 1313-99-1
Specifications & Purity: 99.5%metals basis, < 30nm
Lot #: B2327435
SKU #: **N140976**
Analysis: **149339**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	488.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.95 %
Average Particle Size(TEM)	0-30 (nm)	14.52000 nm
Assay(Ni)(With Dimethylglyoxime)	76.2-81 (%)	80.59 %
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