

Certificate of Analysis

Date of Testing: 2024-10-28 13:53:52
Date of Next Testing: 2028-10-27 13:53:52
Product Name: **Zinc oxide**
CAS Number: 1314-13-2
Specifications & Purity: $\geq 99.8\%$ metals basis, $90\pm 10\text{nm}$ particle size (BET), 99.8% metals basis
Lot #: J2423120
SKU #: **Z112848**
Version: **0**
Analysis #: **067763**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.99 %
Total Metallic Impuritie	0-2000 (ppm)	115.00 ppm
Average particle size	80-100 (nm)	86.89 nm
Zn(Complexometric titration)	79-81 (%)	79.47 %
Appearance (Z112848)	White powder	White powder
ICP: Confirms Zinc Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager