

## Certificate of Analysis

Date of Testing: 2022-09-21 16:44:23  
Date of Next Testing: 2026-09-20 16:44:23  
Product Name: **Zinc oxide**  
CAS Number: 1314-13-2  
Specifications & Purity: 99.8% metals basis, 50±10nm  
Lot #: I2219140  
SKU #: **Z112849**  
Analysis: **113614**

Parameter	Limit Values	Result
Average particle size	40-60 (nm)	47.14 nm
Specific Surface Area	≥10.8 (m <sup>2</sup> /g)	11.31 m <sup>2</sup> /g
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.80 %
Total Metallic Impuritie	0-2000 (ppm)	1981.00 ppm
Zn(Complexometric titration)	79.1-81.5 (%)	79.11 %
Appearance (Z112849)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager