

## Certificate of Analysis

Date of Testing: 2023-02-10 21:22:42  
Date of Next Testing: 2027-02-09 21:22:42  
Product Name: **Zinc oxide**  
CAS Number: 1314-13-2  
Specifications & Purity: 99.8% metals basis, 50±10nm  
Lot #: B2306862  
SKU #: **Z112849**  
Analysis: **048918**

Parameter	Limit Values	Result
Average particle size	40-60 (nm)	46.33 nm
Specific Surface Area	≥10.8 (m <sup>2</sup> /g)	15.50 m <sup>2</sup> /g
Total Metallic Impurity	0-2000 (ppm)	1940.00 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.81 %
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