

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-15 18:38:51  
Date of Next Testing: 2028-05-14 18:38:51  
Product Name: **Zinc oxide**  
CAS Number: 1314-13-2  
Specifications & Purity: 99.8% metals basis, 50±10nm  
Lot #: D2429479  
SKU #: **Z112849**  
Version  
Analysis #: **344896**

Parameter	Limit Values	Result
Zn(Complexometric titration)	79.1-81.5 (%)	80.39 %
Total Metallic Impuritie	0-2000 (ppm)	447.00 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.96 %
Average particle size	40-60 (nm)	45.79 nm
Specific Surface Area	≥10.8 (m <sup>2</sup> /g)	10.92 m <sup>2</sup> /g
Appearance (Z112849)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager