

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-13 12:34:34  
Date of Next Testing: 2026-10-12 12:34:34  
Product Name: **Zinc oxide**  
CAS Number: 1314-13-2  
Specifications & Purity: 99.9% metals basis, 30±10nm  
Lot #: J22111237  
SKU #: **Z112847**  
Analysis: **135273**

Parameter	Limit Values	Result
Average particle size	20-40 (nm)	26.21 nm
Total Metallic Impurities	0-1000 (ppm)	133.00 ppm
Zn(Complexometric titration)	79.1-81.5 (%)	79.69 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99 %
Appearance (Z112847)	White powder	White powder
ICP: Confirms Zinc Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager