

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-26 18:37:42  
Date of Next Testing: 2029-06-25 18:37:42  
Product Name: **Zinc oxide**  
CAS Number: 1314-13-2  
Specifications & Purity:  $\geq 99.9\%$  metals basis,  $30 \pm 10\text{nm}$   
Lot #: F2519555  
SKU #: **Z112847**  
Version: **0**  
Analysis #: **509993**

Parameter	Limit Values	Result
Total Metallic Impuritie	0-1000 (ppm)	50.00 ppm
Zn(Complexometric titration)	79.1-81.5 (%)	79.23 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	100.00 %
Average particle size	20-40 (nm)	34.37 nm
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