

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-23 15:23:04  
Date of Next Testing: 2026-02-22 15:23:04  
Product Name: **Zinc oxide**  
CAS Number: 1314-13-2  
Specifications & Purity: 99.8% metals basis, 90±10nm  
Lot #: B2217384  
SKU #: **Z112848**  
Version: **0**  
Analysis #: **067763**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.99 %
Total Metallic Impuritie	0-2000 (ppm)	115.00 ppm
Average particle size	80-100 (nm)	86.89 nm
Zn(Complexometric titration)	79-81 (%)	79.47 %
Appearance (Z112848)	White powder	White powder
ICP: Confirms Zinc Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager