

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-14 10:25:32
Date of Next Testing: 2027-09-13 10:25:32
Product Name: **Zinc oxide**
CAS Number: 1314-13-2
Specifications & Purity: 99.9% metals basis, 30±10nm
Lot #: I2311485
SKU #: **Z112847**
Analysis: **267941**

Parameter	Limit Values	Result
Average particle size	20-40 (nm)	28.60 nm
Total Metallic Impurities	0-1000 (ppm)	16.00 ppm
Zn(Complexometric titration)	79.1-81.5 (%)	79.54 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	100.00 %
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