



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-27 11:53:49

Date of Next Testing: 2029-03-26 11:53:49

Product Name: **Zinc oxide**

CAS Number: 1314-13-2

Specifications & Purity: $\geq 99.8\%$ metals basis, 50 ± 10 nm

Lot #: C2518580

SKU # **Z112849**

Version **0**

Analysis #: **488302**

Parameter	Limit Values	Result
Zn(Complexometric titration)	79.1-81.5 (%)	79.52 %
Total Metallic Impuritie	0-2000 (ppm)	31.00 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	100.00 %
Average particle size	40-60 (nm)	41.73 nm
Specific Surface Area	≥ 10.8 (m ² /g)	18.19 m ² /g
Appearance (Z112849)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager