

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-05 11:54:38

Date of Next Testing: 2030-03-04 11:54:38

Product Name: **Zinc oxide**

CAS Number: 1314-13-2

Specifications & Purity: $\geq 99.8\%$ metals basis, $50 \pm 10\text{nm}$

Lot #: B2624549

SKU #: **Z112849**

Version: **0**

Analysis #: **651974**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Zn(Complexometric titration)	79.1-81.5 (%)	79.65000 %
Total Metallic Impuritie	0-2000 (ppm)	155.00000 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.98450 %
Specific Surface Area	≥ 10.8 (m ² /g)	10.93500 m ² /g
Average particle size	40-60 (nm)	56.23000 nm
Appearance (Z112849)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager