

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-29 14:50:44

Date of Next Testing: 2029-10-28 14:50:44

Product Name: **Zinc oxide**

CAS Number: 1314-13-2

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

Lot #: J2522213

SKU #: **Z112849**

Version: **0**

Analysis #: **488302**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Zn(Complexometric titration)	79.1-81.5 (%)	79.52000 %
Total Metallic Impuritie	0-2000 (ppm)	31.00000 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.99690 %
Average particle size	40-60 (nm)	41.73000 nm
Specific Surface Area	≥ 10.8 (m ² /g)	18.18860 m ² /g
Appearance (Z112849)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager