



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-01 13:31:38

Date of Next Testing: 2029-11-30 13:31:38

Product Name: **Zinc oxide**

CAS Number: 1314-13-2

Specifications & Purity:  $\geq 99.8\%$  metals basis,  $90 \pm 10\text{nm}$

Lot #: K2526578

SKU #: **Z112848**

Version: **0**

Analysis #: **609359**

Storage Temperature: Room temperature

| Parameter                              | Limit Values          | Result                |
|----------------------------------------|-----------------------|-----------------------|
| Purity(Based On Trace Metals Analysis) | 99.8-100 (%)          | 99.98910 %            |
| Total Metallic Impuritie               | 0-2000 (ppm)          | 109.00000 ppm         |
| Average particle size                  | 80-100 (nm)           | 80.00000 nm           |
| Zn(Complexometric titration)           | 79-81 (%)             | 80.93000 %            |
| 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