

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-26 17:45:15

Date of Next Testing: 2029-06-25 17:45:15

Product Name: **Zinc oxide**

CAS Number: 1314-13-2

Specifications & Purity:  $\geq 99.9\%$  metals basis,  $30 \pm 10$ nm

Lot #: F2519593

SKU #: **Z112847**

Version: **0**

Analysis #: **509993**

Storage Temperature: Room temperature

| Parameter                              | Limit Values          | Result                |
|----------------------------------------|-----------------------|-----------------------|
| Total Metallic Impuritie               | 0-1000 (ppm)          | 50.00000 ppm          |
| Zn(Complexometric titration)           | 79.1-81.5 (%)         | 79.23000 %            |
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)          | 99.99500 %            |
| Average particle size                  | 20-40 (nm)            | 34.37000 nm           |
| 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