

## Certificate of Analysis

Date of Testing: 2024-09-02 09:04:27  
Date of Next Testing: 2028-09-01 09:04:27  
Product Name: **Zinc oxide**  
CAS Number: 1314-13-2  
Specifications & Purity: 99.8% metals basis, 90±10nm  
Lot #: H2419034  
SKU #: **Z112848**  
Version: **0**  
Analysis #: **067763**

| Parameter                              | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Purity(Based On Trace Metals Analysis) | 99.8-100 (%)          | 99.99 %               |
| Total Metallic Impuritie               | 0-2000 (ppm)          | 115.00 ppm            |
| Average particle size                  | 80-100 (nm)           | 86.89 nm              |
| Zn(Complexometric titration)           | 79-81 (%)             | 79.47 %               |
| 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