

Certificate of Analysis

Date of Testing: 2022-09-21 16:47:08
Date of Next Testing: 2026-09-20 16:47:08
Product Name: **Zinc oxide**
CAS Number: 1314-13-2
Specifications & Purity: 99.8% metals basis, 50±10nm
Lot #: I2219145
SKU #: **Z112849**
Analysis: **113614**

| Parameter | Limit Values | Result |
|--|---------------------------|-------------------------|
| Average particle size | 40-60 (nm) | 47.14 nm |
| Specific Surface Area | ≥10.8 (m ² /g) | 11.31 m ² /g |
| Purity(Based On Trace Metals Analysis) | 99.8-100 (%) | 99.80 % |
| Total Metallic Impuritie | 0-2000 (ppm) | 1981.00 ppm |
| Zn(Complexometric titration) | 79.1-81.5 (%) | 79.11 % |
| Appearance (Z112849) | White powder | White powder |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager