

Certificate of Analysis

Date of Testing: 2024-10-28 13:43:50
Date of Next Testing: 2028-10-27 13:43:50
Product Name: **Zinc oxide**
CAS Number: 1314-13-2
Specifications & Purity: $\geq 99.8\%$ metals basis, $90\pm 10\text{nm}$ particle size (BET), 99.8% metals basis
Lot #: J2423297
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