

## Certificate of Analysis

Date of Testing: 2022-09-17 14:02:02  
Date of Next Testing: 2026-09-16 14:02:02  
Product Name: **Zinc oxide**  
CAS Number: 1314-13-2  
Specifications & Purity:  $\leq 50\text{nm}, 40 \text{ wt. \% in H}_2\text{O}$   
Lot #: I2212464  
SKU #: **Z119437**  
Analysis: **113839**

Parameter	Limit Values	Result
Average particle size	0-50 (nm)	34.24 nm
PH	9-11	10.66
dispersion loading	38-42 (wt%)	40.00 wt%
Appearance (Z119437)	Off-White to Tan Dispersion	Off-White to Tan Dispersion
ICP: Confirms Zinc Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager