

## Certificate of Analysis

Date of Testing: 2022-08-02 16:58:42  
Date of Next Testing: 2026-08-01 16:58:42  
Product Name: **Zinc oxide**  
CAS Number: 1314-13-2  
Specifications & Purity: nanoparticles,  $\leq 50$  nm particle size ,40 wt. % in Isopropanol  
Lot #: G2230118  
SKU #: **Z119438**  
Analysis: **096870**

Parameter	Limit Values	Result
Particle size	0-50 (nm)	36.53 nm
dispersion loading	38-42 (wt%)	40.10 wt%
Appearance (Z119438)	White or pale yellow liquid	White or pale yellow liquid
ICP: Confirms Zinc Component	Confirmed	Confirmed
Solvent Content(Isopropyl Alcohol)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager