



TKB TRADING, LLC  
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## Certificate of Analysis (Representative Sample Certificate)

Product Name: **ZINC OXIDE HI MICRON**  
Batch No.: Not available (data may vary slightly with different lots or batches)  
Manufactured Date: N/A  
Expiration Date: N/A

Meets U.S.P Requirements,  
GMP Manufactured Product

Test	Specification	Result
USP - Assay (ZnO) (Ignited basis)	99.0 - 100.5 %	99.3
USP - Identification A	Passes Test	PT
USP - Identification B	Passes Test	PT
USP - Alkalinity	Passes Test	PT
USP - Loss on Ignition	<= 1.0 %	< 0.1
USP - Carbonate and Color of Solution	Passes Test	PT
USP - Arsenic (As)	<= 6 ppm	< 6
USP - Lead (Pb)	Passes Test	PT
USP - Iron and Other Heavy Metals	Passes Test	PT
Solubility in Dilute Sulfuric Acid	Passes Test	PT
Lead (Pb)	<= 0.0010 %	0.0005
Cadmium (Cd)	<= 0.0015 %	< 0.0001
Iron (Fe)	<= 0.0020 %	0.0002

Bulk Pharmaceutical Chemical

CAUTION: For Manufacturing, processing or repackaging  
No Class 1,2,3 or other solvents are used or produced in the  
manufacturing or purification of the product.

Metallic Residues: No metal catalysts or metal reagents, as defined by  
EMA Guideline EMEA/CHMP/SWP/4446/2000, are used in the production of  
this material.

Country of Origin: US