



Certificate of Analysis

Zinc Oxide USP

Catalog Number: ZO1001
Lot Number: 1015802
CAS Number: 1314-13-2
Molecular Formula: ZnO
Molecular Weight: 81.39
Storage: 15°C – 30°C
Date of Manufacture: July 11, 2018
Retest Date: July 10, 2021

Test	Specification	Result
Appearance	White powder	Conforms
Assay (Zinc Oxide)	99.0 – 100.5%	99.66%
Identification		
A Color reaction w/ heat	To pass test	Conforms
B Test for Zinc	To pass test	Conforms
Loss on Ignition	≤ 1.0%	0.1%
Carbonate	To pass test	Conforms
Alkalinity	To pass test	Conforms
Color	To pass test	Conforms
Arsenic	≤ 0.6ppm	0.1ppm
Cadmium	≤ 1.0ppm	0.05ppm
Cobalt	Report	0.1ppm
Copper	≤ 0.5ppm	0.01ppm
Iron	≤ 0.5ppm	0.03ppm
Iron & Heavy Metals	To pass test	Conforms
Lead	≤ 1.0ppm	0.97ppm
Lead	To pass test	Conforms
Mercury	Report	0.1ppm
Nickel	Report	0.1ppm
Vanadium	Report	0.1ppm
#325 Mesh Residue	≤ 0.01%	0.002%
Specific Surface	3.99m ² /g	3.19m ² /g
This lot meets current USP specifications.		

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC

Date: October 15, 2018

For research or further manufacturing. Not for drug, clinical or a food use in humans or animals.



Gojira Fine Chemicals, LLC

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