



Specification

Zinc Oxide USP

Catalog Number: ZO1001
CAS Number: 1314-13-2
Molecular Formula: ZnO
Molecular Weight: 81.39
Storage: 15°C – 30°C
Retest Date: Three years after date of manufacture.

Test	Specification
Appearance	White powder
Assay (Zinc Oxide)	99.0 – 100.5%
Identification	
A Color reaction w/ heat	To pass test
B Test for Zinc	To pass test
Loss on Ignition	≤ 1.0%
Carbonate	To pass test
Alkalinity	To pass test
Color	To pass test
Arsenic	≤ 0.6ppm
Cadmium	≤ 1.0ppm
Cobalt	Report
Copper	≤ 0.5ppm
Iron	≤ 0.5ppm
Iron & Heavy Metals	To pass test
Lead	≤ 1.0ppm
Lead	To pass test
Mercury	Report
Nickel	Report
Vanadium	Report
#325 Mesh Residue	≤ 0.01%
Specific Surface	3.99m ² /g

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com

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



Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.gojirafc.com • sales@gojirafc.com
