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Certificate of Analysis

Product Description: Zinc oxide, ACS
Catalog Number: 193897
Lot: SR01035

Formula: ZnO
CAS #: 1314-13-2
Physical Description: White Powder

Formula Weight: 81.4
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Insoluble in dilute sulfuric acid	$\leq 0.01\%$	0.006%
Alkalinity	Passes test	Passes test
Chloride	$\leq 0.001\%$	<0.001%
Nitrate	$\leq 0.003\%$	0.002%
Sulfur compounds	$\leq 0.01\%$	0.006%
Calcium	$\leq 0.005\%$	0.003%
Iron	$\leq 0.001\%$	0.0001%
Lead	$\leq 0.005\%$	0.001%
Magnesium	$\leq 0.005\%$	0.003%
Manganese	≤ 5 ppm	2 ppm
Potassium	$\leq 0.01\%$	0.002%
Sodium	$\leq 0.05\%$	0.02%
Assay	$\geq 99.0\%$	99.9%

Recommended Retest Date: 05/15/2023



05/20/2019 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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