

## Certificate of Analysis

1 Reagent Lane  
 Fair Lawn, NJ 07410  
 201.796.7100 tel  
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	Z76	Quality Test / Release Date	04/03/2020
Lot Number	200692		
Description	ZINC SULFATE USP/FCC		
Country of Origin	United States	Suggested Retest Date	Apr/2023
Chemical Origin	Inorganic-non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		
Comment	This product contains no genetically modified organisms (GMO's).		

FCC Grade			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystals
ACIDITY	PASS/FAIL	= PASS TEST	pass test
ALKALI & ALKALINE EARTH	%	<= 0.5	<0.5
ASSAY	%	Inclusive Between 99.0 - 108.7	100.6
CADMIUM	MG/KG	<= 5	<2
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	pass test
LEAD (Pb)	MG/KG	<= 10	<4
MERCURY (Hg)	MG/KG	<= 5	<5
SELENIUM	%	<= 0.003	<0.003

USP Grade			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystals
ACIDITY	PASS/FAIL	= PASS TEST	pass test
ALKALIES & ALKALINE EARTHS	%	<= 0.9	<0.9
ARSENIC	ppm	<= 14	<14
ASSAY	%	Inclusive Between 99.0 - 108.7	100.6
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	pass test
LEAD (Pb)	%	<= 0.002	<0.002
RESIDUAL SOLVENTS	Meets Requirements	= MEETS REQUIREMENTS	meets requirements

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.  
 If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.



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### Residual Solvents

No Class 1, Class 2, or Class 3 solvents, or any other solvents, are used in the manufacturing, handling, or storage of this storage, or in any cleaning process.

A handwritten signature in black ink that reads "Julian Burton".

Julian Burton - Quality Control Manager – Fair Lawn

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