

## Certificate of Analysis

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Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

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	S240	Quality Test / Release Date	09/26/2023
Lot Number	234587		
Description	SODIUM BISULFATE MONOHYDRATE, CERTIFIED		
Country of Origin	United States	Suggested Retest Date	Jan/2025
Chemical Origin	Synthetic Non Animal		
BSE/TSE Comment	This material was not produced from animal product and can be declared free of Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Moist, Colorless Crystals
ACIDITY	%	Inclusive Between 35 - 36.5	36.1
ARSENIC (As)	ppm	<= 1	<1
CALCIUM & MAGNESIUM	%	<= 0.005	<0.005
CHLORIDE	%	<= 0.002	<0.002
HEAVY METALS (as Pb)	ppm	<= 5	0.58
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
INSOLUBLE MATTER AND NH4OH PPT	%	<= 0.010	<0.01
IRON (Fe)	%	<= 0.001	<0.0010
NITRATE (NO3)	%	<= 0.005	<0.005
PHOSPHATE (PO4)	%	<= 0.002	<0.002



Harout Sahagian - Quality Control Supervisor - Fair Lawn

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.