



Certificate of Analysis

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ThermoFisher Scientific's Quality System has been found to conform to Quality Management System
Standard ISO9001:2008 standard by SAI Global Certificate Number CERT - 0090918

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. ThermoFisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Certain products (USP/FCC/NF/EP/BP/JP grades) are sold for use in food, drug, or medical device manufacturing. ThermoFisher does not maintain DMF's with the FDA. The following are the actual analytical results obtained:

Catalog Number	S240	Quality Test / Release Date	10/09/2018
Lot Number	184614		
Description	SODIUM BISULFATE, CERTIFIED		
Country of Origin	United States	Suggested Retest Date	Oct/2023
Chemical Origin			
BSE/TSE Comment			
Chemical Comment			

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	0.1
CALCIUM & MAGNESIUM	%	<= 0.005	<0.005
CHLORIDE	%	<= 0.002	<0.002
PHOSPHATE (PO4)	%	<= 0.002	<0.002
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
INSOLUBLE MATTER AND NH4OH PPT	%	<= 0.01	<0.010
IRON (Fe)	%	<= 0.001	<0.001
NITRATE (NO3)	%	<= 0.005	<0.005
HEAVY METALS (as Pb)	ppm	<= 5	1.28

Jerusa Bailey-Wyche

Quality Assurance Specialist - Certificate of Analysis 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.