

## **CERTIFICATE OF ANALYSIS**

CUSTOMER		PRODUCT		
Brenntag Mid-South - Chattanoo PO Box 20 Henderson, KY 42419 USA		Sodium Metabisulfite NF/Food/P		
ESSECO ORDER NUMBER:	19904	PRODUCT	PRODUCT CODE: 11	
CUSTOMER PO NUMBER:	734885	LOT NUMBER:		171695
RELEASE NUMBER:		SPECIFICATION:		Standard
PRINT DATE:	08/31/2017	VER	VERSION:	
EXPIRATION DATE:	06/17/2020	BFFEC	EFFECTIVE:	
PARAMETER SPECIFICATION		£	ANALYSIS	
Sodium Metabisulfite (Na2S2O5)	98.6 =< Value =< 9	9.8%	99.2 %	
Sodium Sulfite (Na2SO3)	0.0 =< Value -< 0.6	5%	0.4 %	
pH (5% solution)	4.0 = < Value = < 4.6	, i	4.3	
Sulfur Dioxide (SO2)	66.4 =< Value =< 6	66.4 =< Value =< 67.2%		
Appearance of Solution	Clear and Free from	Clear and Free from Insoluble Matter Except		
Appearance	for a Slight Floccule White Crystals		PASS	
Arsenic (As)	0.0 <= Value <= 1.0	0.0 <= Value <= 1.0 ppm		
Chloride (Cl)	$0.00 \le Value \le 0.$	0.00 <= Value <= 0.02 %		
Heavy Metals (as Pb)	0.0 <= Value <= 10.	.0 <= Value <= 10.0 ppm		
Identification	To Pass Tests	To Pass Tests		
Insoluble Matter (Ca,Mg,NH4OH)	$0.00 \le Value \le 0.$	0.00 <= Value <= 0.05 %		
Iron (Fe)	$0.0 \le \text{Value} \le 5.0$	0.0 <= Value <= 5.0 ppm		
Lead (Pb)	$0.0 \le \text{Value} \le 0.5$	0.0 <= Value <= 0.5 ppm		
React to Amm Silver Nitrate	To Pass Test	Γο Pass Test		
Selenium (Sc)	0.0 <= Value <= 5.0	0.0 <= Value <= 5.0 ppm		
On 40 Mesh	0.0 <= Value <= 20.	0.0 <= Value <= 20.0 %		
Through 100 Mesh		0.0 <= Value <= 35.0 %		N.
Through 20 Mesh	99.0 <= Value <= 10	99.0 <= Value <= 100.0 %		·
Sodium Thiosulfate (Na2S2O3)	$0.00 \le Value \le 0.$	0.00 <= Value <= 0.04 %		
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CERTIFIED RY:

AUTHORIZED SIGNATURE

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IMPORTANT: All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.