

## SAMPLE

### CERTIFICATE OF ANALYSIS NATURAL SODIUM SULFATE

LOT #:

Product: STANDARD

#### BAGGER

BAGGER

CHEMICAL ANALYSIS			TRACE METAL ANALYSIS			NOTES	
Analyte	Spec	Actual	Element	Max	Actual	Note #1: These values are from weekly statistical control data.	
Purity (% Na <sub>2</sub> SO <sub>4</sub> )#3		99.8	Fe (ppm)		3		
NaCl (%)#2		0.17					
Water Insoluble (%)#1		0.020					
Mg(%)#1		0.01					
Na <sub>2</sub> CO <sub>3</sub> (%) #4		<.005				Note #2: These values are from analysis of samples taken from this shipment.	
			PHYSICAL PROPERTIES				Note #3: Na <sub>2</sub> SO <sub>4</sub> is determined by difference (100 minus insoluble, minus MgSO <sub>4</sub> , minus NaCl).
			pH (5% Solution)				
			27°C		6.8		
			80°C				
			Density (lbs/ft <sup>3</sup> )		86.8		
Optical Brightness			Moisture (%)		0.02	Note #4: Taken from quarterly statistical control analyses.	
			Appearance	white, crystalline			
SCREEN ANALYSIS						NOTES	
Screen #		Retained On Screen (%)			Cumulative % Retained		PASSES CAKING SOLUBILITY TEST: <u>YES</u>
U.S.	Tyler	Customer Specs		Actual	Customer Specs		
		Min	Max		Min	Max	
20				0.1%		0.1%	
40				1.3%		1.4%	
60				15.5%		16.9%	
80				30.0%		46.9%	
100				19.2%		66.1%	
140				0.3%		66.4%	
200				24.5%		91.0%	
-200			20.0	9.0%		100.0%	
TOTAL				100.0%			

Comments: This product is certified to meet the limits of impurities (heavy metals, and selenium) of the Food Chemicals Codex Twelfth Edition Specifications.