


**MICROBAC®**  
**CERTIFICATE OF ANALYSIS**  
 Amended - See Case Narrative.

Natural Soda  
 Ken Namowicz  
 3200 COUNTY ROAD 31  
 RIFLE, CO 81650.

REPORT # 3021591  
 RECEIVED 02/07/2023  
 REPORTED 03/02/2023  
 PO NUMBER NS003205

PROJECT Nutritional Analysis - Sodium Bicarbonate A.3

SAMPLE DESCRIPTION LAB ID  
**2022 T1 +T2 NaHCO3 Composite** **3021591-01**

ANALYSIS	RESULT	UNITS	NOTE	ANALYZED	METHOD
<b>Calculation</b>					
Calories	<0.1	cal/100g		02/20/2023	Atwater Calculation Factors
Carbohydrate, Total	<0.10	%		02/20/2023	Calculation
<b>Food Chemistry</b>					
Ash	62.8	%		02/08/2023	AOAC 923.03
Cholesterol	<0.60	mg/100g		02/13/2023	AOAC 994.10
Dietary Fiber, Total	<0.50	g/100g		02/08/2023	AOAC 991.43
Fat	<0.10	g/100g		02/16/2023	AOAC 996.06
Saturated Fat	<0.10	g/100g		02/16/2023	AOAC 996.06
Trans Fat	<0.10	g/100g		02/16/2023	AOAC 996.06
Polyunsaturated Fat- cis, cis	<0.10	g/100g		02/16/2023	AOAC 996.06
Monounsaturated Fat - cis	<0.10	g/100g		02/16/2023	AOAC 996.06
Calcium	5.54	mg/100g		02/17/2023	Internal MB-PGH FC Metals ICP
Chromium	<50.0	mcg/100g		02/17/2023	Internal MB-PGH FC Metals ICP
Copper	<0.0481	mg/100g		02/17/2023	Internal MB-PGH FC Metals ICP
Iron	0.0557	mg/100g		02/17/2023	Internal MB-PGH FC Metals ICP
Potassium	4.41	mg/100g		02/17/2023	Internal MB-PGH FC Metals ICP
Magnesium	4.04	mg/100g		02/17/2023	Internal MB-PGH FC Metals ICP
Manganese	<0.0500	mg/100g		02/17/2023	Internal MB-PGH FC Metals ICP
Sodium	24900	mg/100g		02/17/2023	Internal MB-PGH FC Metals ICP
Phosphorus	0.520	mg/100g		02/17/2023	Internal MB-PGH FC Metals ICP

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<b>Food Chemistry</b>					
Zinc	<0.0500	mg/100g		02/17/2023	Internal MB-PGH FC Metals ICP
Loss on Drying	<0.10	%		02/14/2023	FCC 9th Ed.
Protein	<0.20	%		02/08/2023	AOAC 992.15 (Dumas)
Protein Factor	6.25	%		02/08/2023	AOAC 992.15 (Dumas)
Sodium Bicarbonate	99.4	%		02/09/2023	USP/FCC
Sugars, Total	<0.50	%		02/14/2023	Internal MB-PGH FC Sugars HPLC
Fructose	<0.50	%		02/14/2023	Internal MB-PGH FC Sugars HPLC
Dextrose	<0.50	%		02/14/2023	Internal MB-PGH FC Sugars HPLC
Sucrose	<0.50	%		02/14/2023	Internal MB-PGH FC Sugars HPLC
Maltose	<0.50	%		02/14/2023	Internal MB-PGH FC Sugars HPLC
Lactose	<0.50	%		02/14/2023	Internal MB-PGH FC Sugars HPLC
Vitamin A, Total	<6.00	mcg RAE/100g		02/21/2023	Internal MB-PGH FC Vitamin A
Vitamin A (Retinol)	<6.00	mcg RAE/100g		02/21/2023	Internal MB-PGH FC Vitamin A
Vitamin A (B-Carotene)	<1.00	mcg RAE/100g		02/21/2023	Internal MB-PGH FC Vitamin A
Vitamin B1 (Thiamin)	<0.02	mg/100g		02/27/2023	AOAC 2015.14
Vitamin B12 (Cyanocobalamin)	<10.0	mcg/100g		02/27/2023	AOAC 2014.02
Vitamin B2 (Riboflavin)	<0.01	mg/100g		02/27/2023	AOAC 2015.14
Vitamin B3 (Niacin)	<0.01	mg/100g		02/27/2023	AOAC 2015.14
Pantothenic acid (B5)	<0.01	mg/100g		02/27/2023	AOAC 2012.16
Vitamin B6 (Pyridoxine)	<0.01	mg/100g		02/27/2023	AOAC 2015.14
Vitamin B7 (Biotin)	<2.00	mcg/100g		02/27/2023	Internal MB-PGH FC Vitamins B7 & B9
Vitamin C (Ascorbic Acid)	<0.25	mg/100g		02/20/2023	AOAC 967.22, JAOAC 75:5
Vitamin D, Total	<0.12	mcg/100g		02/16/2023	Internal MB-PGH FC Vitamin D
Vitamin D2 (Ergocalciferol)	<0.12	mcg/100g		02/16/2023	Internal MB-PGH FC Vitamin D

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<b>Food Chemistry</b>					
Vitamin D3 (Cholecalciferol)	<0.12	mcg/100g		02/16/2023	Internal MB-PGH FC Vitamin D
Vitamin E, Total	<0.05	mg/100g		02/17/2023	JAOAC Vol. 85, #2, 2002 Modified

**Notes**

Methods used outside of their intended scope are verified/validated to the extent agreed upon with the customer

**g/100g:** Grams per 100 Grams

**Case Narrative**

Results for Iodine are attached.

MMH 3/1/23

Revision 1 - 03/02/2023: Corrected calories and carbohydrates based off the matrix.

This report replaces the report issued on 03/01/2023.

MMH 3/2/23

REVIEWED AND  
AUTHORIZED BY

*Maggie Hayes*

Maggie Hayes/Customer Relationship Coordinator

Results of these sample(s) apply to the sample(s) as received. The data and information on this and other accompanying documents represents only the sample(s) analyzed and is not to be reproduced wholly or in part without written approval of the laboratory

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