NATURAL SODA

NSF
Certified to NSF/ANSI/CAN 60
Maximum use for potable water = 100mg/L

Sodium Bicarbonate U.S.P. Powdered Grade No.1
CERTIFICATE OF ANALYSIS

LOT NUMBER (packaged): N1251481-1
MANUFACTURING DATE: 05/28/25
BULK DENSITY (LBS/FT^3): 68.0

Analysis	Specification	Result	Testing Frequency	Test Method
Sodium Bicarbonate Assay	99.0%-100.5%	100.0	Per Lot	USP Sodium Bicarbonate Monograph
pH (3% solution)	7.8-8.5	8.1	Per Lot	pH Meter
Chloride	≤ 150 ppm	≤ 150 ppm	Per Lot	USP <221>
Moisture	≤ 0.25wt%	≤ 0.25wt%	Per Lot	USP <731> Loss on Drying
Ammonia	Conforms*	Conforms*	Per Lot	FCC Olfactory Test
Cadmium	≤ 1 ppm	≤ 1 ppm	Daily	Atomic Absorption
Copper	≤ 1 ppm	≤ 1 ppm	Daily	Atomic Absorption
Insoluble	Pass/Fail	Pass	Daily	USP Sodium Bicarbonate Monograph
Iron	≤ 5 ppm	≤ 5 ppm	Daily	Atomic Absorption
Lead	≤ 2 ppm	≤ 2 ppm	Daily	Atomic Absorption
Limit of Sulfur Compound	≤ 150 ppm	≤ 150 ppm	Weekly	USP Sodium Bicarbonate Monograph
Aluminum	≤ 2 ppm	≤ 2 ppm	Quarterly	ICP
Arsenic	≤ 2 ppm	≤ 2 ppm	Quarterly	USP <211>
Identification	Pass/Fail	Pass	Quarterly	USP <191>
Mercury	≤ 1 ppm	≤ 1 ppm	Quarterly	USP <232>
Normal Carbonate	Pass/Fail	Pass	Quarterly	USP Sodium Bicarbonate Monograph
Meets current USP Specification	Pass/Fail	Pass		

*Ammonia is not used in the Natural Soda manufacturing process. Controlled handling and storage of product ensures ammonia will not exceed USP limit. Absence of ammonia is confirmed on each lot via the FCC olfactory test.

Manufactured at Natural Soda LLC, 3200 County Road 31, Rifle, Colorado 81650

Screen Analysis: **% Cumulative Retained**

USS Screen	Micron	Specification	Result
100	150	0-2	1
200	75	20-50	43
325	45	60-100	80

Expiration Date: May 28, 2027

Tania Landeros, QC Technician

Date: 5/29/2025

Effective February 18, 2023