



Certified to
NSF/ANSI/CAN 60

Maximum use for potable water = 100mg/l.

**SODIUM BICARBONATE, USP Grade #1
CERTIFICATE OF ANALYSIS**

LOT NUMBER (packaged): N1221922-1
MANUFACTURING DATE: 07/11/22
BULK DENSITY (LBS/FT³): 70.8

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	8.0	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
Calcium	≤ 100 ppm	≤ 100 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
Magnesium	≤ 40 ppm	≤ 40 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.

Screen Analysis:

% Cumulative Retained

USS Screen	Micron	Specification	Result
100	150	0-2	0
200	75	20-50	45
325	45	60-100	82

Expiration Date: July 11, 2024

Date: 7/12/2022

Effective May 8, 2022

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This product is intended for further manufacturing, reprocessing and repackaging. It is not intended for use in hemodialysis or as an active pharmaceutical ingredient.