



SUPERIOR SODA

SIMPLE SCIENCE

SUPERIOR SODA QUALITY ASSURANCE

The objective of this document is to provide comprehensive Quality Assurance Information regarding Superior Soda. It is crucial to note that various grades of Sodium Bicarbonate exist and each grade has its own distinct production method. The grades include industrial, technical, feed, food, and pharmaceutical grade, among others. The quality, purity, and strength vary greatly among the grades, along with several other attributes.

At Superior Soda, we undertake extensive efforts to ensure that the bicarbonate we offer is of the highest quality. Our selection process goes beyond merely examining the specifications and manufacturing methods. We take into account additional parameters that are not typically included in the specification documentation. This information is obtained through independent research and laboratory tests. Some of these unique characteristics are depicted in the accompanying picture. When considering these factors, it becomes apparent that not all Sodium Bicarbonate is created equal.



QUALITY OF SUPERIOR SODA BICARB

The Highest Quality Pharmaceutical Grade Sodium Bicarb

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| <ul style="list-style-type: none">• Hardness• Oxidative Redox Potential• Electrical Frequency• Oxygen Level• Crystalline Structure• Density | <ul style="list-style-type: none">• Solubility• Strength - ability to buffer acid• Bioavailability• Oils ain't Oils! and Bicarb ain't Bicarb |
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The quality of Sodium Bicarbonate is significantly influenced by the method of its production. Currently, there are two methods of producing Sodium Bicarbonate. The first process involves the chemical synthesis of Sodium Bicarbonate through the reaction of Limestone and Hydrochloric Acid. To alkalis the solution, Ammonia must be added. Failure to do so results in an acidic solution. The majority of Sodium Bicarbonate on the market is produced using this method due to its lower production cost.

However, at Superior Soda, we understand the importance of high-quality parameters for proper bioavailability in the human body. This is why we carefully assess the production methods and search for unique characteristics that are not commonly found in chemically produced Sodium Bicarbonate. The visual representation of these high-end parameters is provided in the accompanying picture. Our goal is to ensure that the Sodium Bicarbonate we offer exceeds industry standards in terms of quality and purity.

Superior Soda is sourced from a naturally occurring Sodium Bicarbonate deposit located nearly 6,750 meters below the earth's surface, classified as Trona, a natural mineral of the Nahcolite variety. Unlike chemically produced Sodium Bicarbonate, Superior Soda is extracted from a natural source and is considered a superior option for human consumption, given that everything in nature, including plants, animals, oceans and the human body itself, produces Sodium Bicarbonate.

Our Superior Soda is extracted using solution-mining methods, which involves dissolving, pumping, recrystallising, and screening the mineral for size. Our pharmaceutical-grade Sodium Bicarbonate is produced separately in a facility that complies with the highest standards of the United States Pharmacopeia, ensuring that it is 100% free of chemical conversion. In contrast, many cheaper Bicarb on the market claiming to be pharmaceutical-grade are chemically produced and not packaged in a pharmaceutical environment, rendering them legally ineligible for classification as pharmaceutical grade.

Superior Soda is packaged in a GMP-certified production facility equipped with a clean room, temperature control and humidity control systems in compliance with the guidelines recommended by relevant agencies.

If you need even more reasons to choose Superior Soda please read the following:

Superior Soda is **GMO FREE**. Superior Soda has **NO** genetically modified organisms or derivatives introduced at any point in the process.

Superior Soda is **GLUTEN FREE**. Superior Soda does **NOT** contain any gluten and has not been exposed to ingredients that contain gluten.

Superior Soda is **ALUMINIUM FREE** | Superior Soda is certified **ORGANIC** | Superior Soda is certified **KOSHER** | Superior Soda is certified **HALAL**.

Superior Soda is **VEGAN**. We also refrain from animal testing on any of our products. Please email safesoda@gmail.com if you require any further information.



Kind Regards,

Dinesh (Dean) Kesarlal
Founder of Superior Soda

www.superiorsoda.com.au

A large, stylized handwritten signature in black ink.

