

I. Product Description:

Our pure granulated sugar is a natural, ready-to-eat, food grade product produced from purified, filtered, and crystalized juice from domestically-grown sugar beets. Granulated sugar is minimally processed, kosher certified, halal suitable, vegan suitable, and screened to specification. Granulated sugar reserved for retail distribution may be packaged into a variety of customer-defined bags. Typical uses include confectionary, beverages, jam and marmalade, baked goods, canning, dairy products and fermentation.

II. Physical and Chemical Characteristics:

Parameter	SPECIFICATION	UNIT OF MEASURE	TEST METHOD(S)	COA
Sucrose by Polarization	≥ 99.85	%	ICUMSA GS2-1 (2011)	No*
Color	≤ 45	ICUMSA Units, IU	ICUMSA GS2-10 (2011)	No
Turbidity	≤ 20	ICUMSA Units, IU	ICUMSA GS2-18 (2013)	No
Conductivity Ash	≤ 0.020	%	ICUMSA GS2-17 (2011)	Yes
Moisture	≤ 0.04	%	Moisture Analyzer	Yes
Sediment	≤ 3	ppm (mg/kg)	Filtration—8 Micron, Visual	No
Sulfur Dioxide (SO ₂)	≤ 6	ppm (mg/kg)	Titrimetric	No
Particle Size USS 20	0—2	% Retained	US Sieve/Optical Particle Sizer	No
Particle Size USS 100	0—10	% Passing	US Sieve/Optical Particle Sizer	No

* Attribute not tested per lot. Statement of compliance available upon request.

III. Ingredients:

Sugar

IV. Microbiological:

Free of pathogenic microorganisms based on physical characteristics and empirical evidence. Microbiological values are not included on certificates of analysis.

V. Country of Origin and Manufacturing:

This product is manufactured in the United States from domestically grown crops. Domestic manufacturing facilities include products manufactured from Amalgamated Sugar.

VI. Screening and Metal Detection:

Product is screened and passed through validated metal detectors before packaging.

VII. Regulatory:

This is a food grade product that is generally recognized as safe by the Food and Drug Administration (FDA) 21 CFR 184.1854 and suitable for Canada FDR B.18.001. Manufacturing and handling facilities are registered with the FDA and comply with Current Good Manufacturing Practices, 21 CFR 117, and all other FDA or national regulations. Label product as sugar or sucrose.

VIII. Packaging Information:

Packaging materials are FDA-compliant and approved for direct food contact. Packaged products are sealed or sealed with unique, tamper-evident features.

PACKAGING / DELIVERY	MATERIAL	SIZE
Retail Bag	Multiwall paper.	4 & 10 lb.
Industrial Bag	Polyethylene.	25 lb.

IX. Storage and Handling:

Granulated Sugar should be shipped and stored under ambient temperature conditions with a recommended relative humidity of less than 70%. Avoid exposure to rapid fluctuations of temperature or humidity and avoid storing near odiferous products or environments. Products stacked during long-term storage may develop slight compaction which can be removed with mild pressure.

X. Shelf Life / Best if Used By Information:

Granulated Sugar, if stored under the above constant conditions, is considered non-perishable and will not deteriorate chemically or microbiologically. Deviations to storage conditions may result in product clumping, but the product is still safe to consume. For product quality and flowability, granulated sugar is best if used before five (5) years from the date of manufacture.

XI. Allergen Information:

Allergen-free product. Please see the full allergen statement for more information.



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For questions or inquiries, please email quality@natsugar.com

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