

I. Product Description:

Type 0 Liquid Sucrose is a uniform solution of granulated sugar dissolved in purified water. Granulated sugar may be sourced from sugar beets and sugar cane. Specific adherence to beet or cane sugar is possible and should be outlined in contractual agreements. Type 0 is suitable for all applications requiring a pure sucrose syrup and can be manufactured to two Brix specifications 66.5 or 67.5.

II. Physical and Chemical Characteristics:

PARAMETER	SPECIFICATION	UNIT OF MEASURE	TEST METHOD(S)	COA
Percent Solids (refractometer)	66.5 ± 0.2	%	ICUMSA GS4-13 (2009)	Yes
	67.5 ± 0.2			
pH	6.0 to 8.6	-	ICUMSA GS1-23 (2009)	Yes
Color	≤ 45.0	I.U.	ICUMSA GS2-10 (2011)	Yes
Invert*	≤ 0.5	%	ICUMSA GS1-3 (2005)	No
Conductivity Ash	≤ 0.05	%	ICUMSA GS2-17 (2011)	No
Specific Gravity 20/20	1.3282 (66.5 Brix)	-	Reference Information	No
	1.3344 (67.5 Brix)			
Weight per Gallon @ 68°F	11.051 (66.5 Brix)	lbs.	Reference Information	No
	11.104 (67.5 Brix)			
Sucrose per Gallon	7.349 (66.5 Brix)	lbs.	Reference Information	No
	7.496 (67.5 Brix)			

* Statement of compliance available upon request.

III. Ingredients:

Sugar, Water

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 using domestic beet sugar and/or cane sugar from Mexico, Guatemala, Colombia, and El Salvador. Domestic manufacturing facilities include products manufactured from Amalgamated Sugar, Southern Minnesota Beet Sugar Cooperative, and Spreckels Sugar.

VI. Filtration:

Solution passes through filters with porosity of ≤ 100 micrometers.

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.18.002. 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:

Product is loaded in a freshly-washed (within 24 hours), kosher-certified tanker to deliver within 72 hours of loading.

PACKAGING / DELIVERY	MATERIAL	SIZE
Bulk Tanker	Liquid sucrose-dedicated, food grade bulk trailer.	50,000 lbs.

IX. Storage and Handling:

Liquid Sucrose should be shipped and stored in sanitized tanks under ambient temperature conditions. Avoid exposure to rapid fluctuations of temperature.

X. Shelf Life / Best if Used By Information:

Liquid Sucrose, if stored under the above conditions, is best if used before 30 days from the date of manufacture. Deviations to storage conditions may result in product degradation or microbial growth.

XI. Allergen Information:

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



Reviewed/Revised: 09/21/2022

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

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