

TYPE 50 MEDIUM INVERT

I. Product Description:

A solution of sucrose and invert sugars (fructose and glucose) in water. Type 50 Medium Invert is prepared under carefully controlled conditions to yield a uniform concentration and degree of hydrolysis.*

II. Physical and Chemical Characteristics:

PARAMETER	SPECIFICATION	UNIT OF MEASURE	TEST METHOD(S)	COA
Percent Solids (refractometer)	77.05 ± 0.25	%	ICUMSA GS4-13 (2009)	Yes
pH	4.5 to 5.5	-	ICUMSA GS1-23 (2009)	Yes
Color	≤ 70.0	ICUMSA Units, IU	ICUMSA GS2-10 (2011)	Yes
Ash	≤ 0.125	%	ICUMSA GS2-17 (2011)	No
Specific Gravity 20/20	1.3903	-	Reference Information	No
Weight per Gallon @ 68°F	11.57	Lbs.	Reference Information	No
Solids per Gallon	8.91	Lbs.	Reference Information	No
Sucrose per Gallon	8.69	Lbs.	Reference Information	No
Moisture	≈ 23.0	%	Reference Information	No
Sucrose	38.5 ± 2.5	%	Reference Information	No
Invert	38.5 ± 2.5	%	Reference Information	No

* Observed RDS (76.15) correction for invert +0.85%.

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.

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 184.1859 and suitable for Canada FDR B.18.003. 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 invert sugar.

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	Food grade bulk trailer.	50,000 lbs.

IX. Storage and Handling:

Type 50 Medium Invert 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:

Type 50 Medium Invert if stored under the above conditions, is best if used before 90 days from the date of manufacture. Deviations to storage conditions may result in crystal formation or microbial growth.

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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