



**Rio Grande Juice Company
Quality Assurance Department
Product Specification Sheet**

Product Name: Red Grapefruit Juice Concentrate for Manufacturing

Product Number(s): TC4100, SB4100

Quality Parameters

Aroma	Good, typical of red grapefruit juice. No fermented or caramelized odors.
Color	Good. (19-20 points) Typical of Rio Red grapefruit.
Defects	Practically Free (18-20 points)
Flavor	Good. (54-60 points) Typical of sound, mature grapefruit with no off notes or caramelized flavors.

Analytical Parameters

	<u>Minimum</u>	<u>Target</u>	<u>Maximum</u>
Brix (corrected for acidity)	62.5	64.5	66.5
Titrateable Acidity (% Citric Acid)	4.4	5.5	7.0
Brix/Acid Ratio	9.5	11.0 - 12.5	14.0
pH Value			4.00
Free and Suspended Pulp	6%	8-9%	10%
Recoverable Oil (Scott Method)			0.020%
Color (Hunter CR Value)	70	78	90

Microbiological Parameters

Howard Mold Count		10%
Standard Plate Count (SPC or TPC)		5000 cfu/g
Yeast and Molds		2000 cfu/g
Coliforms		Negative
Heat Resistant Molds (HRM)		Negative
TAB	<1 cfu/mL for guaiacol positive bacillus	

Pesticides and Heavy Metals

Pesticides and Post-Harvest Chemicals	Meets AIJN and EPA standards	
Lead		0.05 ppm
Arsenic		0.1 ppm

Packaging Options

55 gallon, 52 gallon net fill, open head steel drums with two blue tinted polyethylene liners.
Approximate net weight of 574 lbs. (260 kgs)

Bulk tankers.

Storage and Shelf-life

Drummed product should be kept in the original packaging and stored at <0°F or <-18°C.

Product kept in these recommended conditions will have a shelf-life of 36 months.

Product in tankers kept at <45°F will have a shelf-life of 7 days.

Country of Origin

The United States of America - specifically the Rio Grande Valley of Texas

Ingredient Statement

This product is 100% Texas Red Grapefruit Juice. (*Citrus paradisi*)

FDA Compliance

The concentrated grapefruit juice for manufacturing must meet the standards as defined in the "Standards of Identity for Grapefruit Juice" issued under the Federal Food, Drug and Cosmetic Act #146.132.

This product is manufactured using Current Good Manufacturing Practices outlined by the United

We maintain a HACCP system for all juice products. This HACCP system is reviewed

This product is intended for further processing, and is not considered ready to eat (RTE).

AIJN / Codex Alimentarius Compliance

The concentrated grapefruit juice for manufacturing meets Codex Standard 46-1981 and AIJN standard 6.2.

Kosher Status

The product is certified Kosher by the Orthodox Union.



GFSI Certification

The facility that produces this product has been accredited with a GFSI audit since 2009. Our certificate is available upon request.

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