



Rio Grande Juice Company Quality Assurance Department Product Specification Sheet

Product Name: Red Grapefruit Pulp Cells (Un-washed)

Product Number: TC4120

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)	8		
Titrateable Acidity (% Citric Acid)	0.7	1.0	1.3
Brix/Acid Ratio	8.0	10.5 to 12.5	14.0
pH Value			4.00
Recoverable Oil (Scott Method)			0.036%
Color (Hunter CR Value)	70	78	90

Microbiological Parameters

Standard Plate Count (SPC or TPC)		3000 cfu/g
Yeast and Molds		500 cfu/g
Thermophilic Acidophilus Bacteria (TAB)	Negative	
Coliforms	Negative	

Packaging Options

55 gallon, 48 gallon net fill, open head steel drums with two polyethylene liners. Approximate net weight of 400 lbs. (181 kgs)

5.5 gallon, 5 gallon net fill, plastic pails with two polyethylene liners. Approximate net weight of 40 lbs. (18 kgs)

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.

Thawing and Handling Recommendations:

Product should be thawed at ambient temperature for 24 to 48 hours prior to use. This will partially thaw the product and allow it to be dumped into another container or blend.

Product should not be subjected to excessive thawing and freezing cycles as this may cause undesirable results.

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

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

We maintain a HACCP system for all juice products. This HACCP system is reviewed periodically by FDA for accuracy and execution.

AIJN / Codex Alimentarius Compliance

There are currently no standards for unwashed grapefruit pulp cells set forth by AIJN or Codex.

Kosher Status

The product is certified Kosher by the Orthodox Union.



GFSI Certification

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

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