



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

**Product Name:** Not From Concentrate Red Grapefruit Juice

**Product Number:** TC4110

**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)	9	10.5	
Titrateable Acidity (% Citric Acid)	0.65	0.95	1.20
Brix/Acid Ratio	9.0	10.5 to 13.0	14.0
pH Value			4.00
Free and Suspended Pulp	6%	8-9%	12%
Recoverable Oil (Scott Method)			0.020%
Color (Hunter CR Value)	70	75	90

**Microbiological Parameters**

Howard Mold Count	10%
Standard Plate Count (SPC or TPC)	5000 cfu/g
Yeast and Molds	500 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

Frozen in 55 gallon, 48 gallon net fill, open head steel drums with two blue polyethylene liners tied with plastic cable/zip ties. Approximate net weight of 417 lbs. (189 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° will have a shelf-life of 7 days.

### Country of Origin

The United States of America (U.S.A & Mexico upon customer written approval)

### Ingredient Statement

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

### FDA Compliance

The grapefruit juice 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 States FDA.

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

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

### AIJN / Codex Alimentarius Compliance

The grapefruit juice 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.

Revised 11.10.2023



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