



**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)        | 9.5            |               |                |
| 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%          | 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                         |          | 500 cfu/g  |
| Thermophilic Acidophilus Bacteria (TAB) | Negative |            |
| Coliforms                               | Negative |            |
| Heat Resistant Molds (HRM)              | Negative |            |

**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, 48 gallon net fill, open head steel drums with two blue tinted polyethylene liners.  
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.

### 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 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.

### 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.

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