

# TECHNICAL DATA SHEET

## RED GRAPEFRUIT NOT FROM CONCENTRATE

### DESCRIPTION

Our Red Grapefruit Not From Concentrate Juice is a high-quality, fresh juice that is extracted from 100% Texas red grapefruits (*Citrus paradisi*). Fruit is processed and using advanced techniques, this Not from Concentrate Juice retains the natural essence, vibrant color, and refreshing taste of freshly squeezed grapefruits. Product is intended for further manufacturing, not RTE.

**Country of Origin:** United States of America, 100% Texas



### Technical Data

ORGANALEPTIC			
Aroma	Typical of red grapefruit juice. No fermented or caramelized odors.		
Color	(19-20 points) Typical of Rio Red grapefruit.		
Defects	Practically Free (18-20 points)		
Flavor	(54-60 points) Typical, mature grapefruit with no off notes or caramelized flavors.		
PHYSICAL			
	Target	Min	Max
Brix (corrected for acidity)	10.5	9	
Titratable Acidity (% Citric Acid)	0.95	0.95	1.20
Brix/Acid Ratio	10.5	9.0	14.0
pH Value		4.0	
Free and Suspended Pulp	8-9%	6%	12%
Recoverable Oil (Scott Method)		0.020%	
Color (Hunter CR Value)	75	70	90
Howard Mold Count		10%	
MICROBIOLOGY			
Standard Plate Count (SPC or TPC)	5000 cfu/g		
Yeast and Mold	500 cfu/g		
Coliforms	Negative		
Heat Resistant Molds (HRM)	Negative		
TAB	<1 cfu/mL for guaiacol positive bacillus		
HEAVY METALS & PESTICIDES			
Lead	0.05 PPM		
Arsenic	0.1 PPM		

Pesticides comply with both USA and EU regulations, ensuring they meet safety limits set by both jurisdictions. Analysis Available upon request.

### Compliance

- ✓ FDA Compliance
- ✓ HACCP System
- ✓ GFSI accredited by BRCGS.
- ✓ Codex Standard 247-2005
- ✓ AIJN Standard 6.2
- ✓ Kosher Certified
- ✓ Fully Traceable Product
- ✓ 100 % Natural
- ✓ Gluten Free
- ✓ Allergen Free

### Nutritional

#### Nutrition Facts

Serving Size 100g	
Amount Per Serving	
Calories	34
100 g	% Daily Value *
Total Fat	0 g 0 %
Saturated Fat	0 g 0 %
Trans Fat	0 g
Cholesterol	0 mg 0 %
Sodium	1 mg 0 %
Total Carbohydrate	8 g 3 %
Dietary Fiber	0 g 0 %
Total Sugars	9 g 18 %
Includes __g Added Sugars __%	
Protein	1 g
Vitamin D	0 mcg 0 %
*Calcium (Ca)	8 mg 1 %
*Iron (Fe)	0 mg 0 %
Potassium	183 mg 4 %
Magnesium	--
Copper	--
Zinc	--

\*The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2000 calories a day is used for general nutrition advice.

\*Analytical results captured from 3rd party lab in 2023

# Packaging and Storage

## Drums



**Packaging:** Open head steel drums 55 gallons, 48 gallons net fill with two blue tinted polyethylene liners with plastic FDA Approved zip ties. Net weight ~ 417 lbs. (189 kg)

**Storage:** Kept in Original Packaging at <0°F (<-18°C)

**Shelf Life:** 36 months at recommended conditions

**Labeling:** Label is placed overhanging from the inside of the drum secured by the lid and ring of the drum to avoid from it falling off. Label complies with international labeling regulations. Label sample is on the right which indicates what the drum tag includes.

RIO GRANDE JUICE CO. 702 E EXPRESSWAY 83 MISSION, TX 78572	
GRAPEFRUIT JUICE NOT FROM CONCENTRATE STORE AT <-18°C (<0°F ) PRODUCT OF USA RGJ CODE: TC4110-U	
① 45 GAL 170.3 L	
FILL DATE 01/03/2023 EXP DATE 01/03/2026	
LOT P23003-02	
DRUM # 759248	
GROSS LB	kg
<b>408.8</b>	185.4
TARE LB	kg
<b>18.8</b>	8.5
NET LB	kg
<b>390.0</b>	176.9
CORR BRIX <b>10.84</b>	
ACID <b>1.14</b>	
RATIO <b>9.5</b>	

\*\*Drum Label Sample\*\*

## Tankers



**Packaging:** Food Grade Bulk Tankers. ~ 5,500 Gallons

**Documentation:** Tankers are sent with proper documentation with the driver and sent through email as per request. The documents sent are as follow:

- Bill of Lading with seals
- Tank Wash Report
- Scale ticket
- Certification of Analysis
- Three previous loads

**Loading Temp:** 31°F (-0.5 °C)

**Storage:** Bulk Tanker at <45°F (<7°C)

**Shelf Life:** 7 days with tanker recommended conditions.

## Product Numbers

This technical data sheet applies to the following Product Numbers:

- TC4110-D
- TC4110-T
- TC4110-C
- TC4110-S
- TC4110-U

## Lot Code Explanation

Our bulk products are assigned a unique code at the time of manufacturing. Each batch will be identified by a code that looks like "T23310-01 or P23319-01 or S22333-09".

These codes are assigned by the quality assurance lab. The letters designate the origin of the batch:

- P- Production
- T- Tanker
- S- Sales Blend

The numeric portion is composed of the last two numbers of the year (23), the Julian day (310), and after the hyphen the batch number for the day (-01).

The format follows: PYYDDD-BB where P represents the origin, YY the year, DDD the Julian day, and BB the batch number.

## COA Example



### Quality Assurance Department Certificate of Analysis

Product Identification	W1042191-TC4110-T Red Grapefruit NFC Tanker
Lot Number	T25094-03
Production Date:	04/04/2025
Expiration Date	04/11/2025

Analysis	RGJC Laboratory Analysis	UOM	Specifications Min	Max
Country of Origin	United States of America			
pH Value (AOAC 964.24)	3.45	EA	3.00	4.00
% Acid (as citric) (AOAC 942.15)	1.21	PCT	0.65	1.20
Brix, Corrected (AOAC 983.17)	12.57	EA	9.5	15.00
Brix/Acid Ratio (USDA AMS)	10.38	EA	9	14.00
% Oil (Scott Oil Method)	0.02	PCT	0.0010	0.0200
Suspended Pulp (USDA AMS)	10	PCT	0	10
CR Value (Hunter Value)	80	EA	70.00	90
CY Value (Hunter value)		EA	0.00	100.00
Citrus N Value (Hunter Value)		EA	0.00	150.00
Color Score (USDA AMS)	20	EA	18	20
Defect Description	None			
Light Filter (USDA AMS)	None			
Defect Score (USDA AMS)	20	EA	18	20
Flavor Description	Typical			
Flavor Score (USDA AMS)	56	EA	0	60
Grade Score (USDA AMS)	96	EA	90	100
USDA Grade	A			
Vitamin C (AOAC 939.13 & 966.18)	377	MGL	200.00	500.00
Naringin (Davis Method)	767.95	PPM	0.00	2000.00
Howard Mold Count (USDA AMS)	0	PCT	0	10
Enzymatic Separation	0 - None			
Total Plate Count (FDA BAM No. 3 on OSA)	0	CFU	0	5000
Yeast (FDA BAM 18)	0	CFU	0	500
Molds (FDA BAM 18)	0	CFU	0	500
Coliform	Negative			

Customer Remarks:

A handwritten signature in blue ink, appearing to read "Z. H." or "Zach H.".

Designated Supplier Signature:

Title:

Issue Date:

Rio Grande Juice Company - 702 E. Interstate Hwy 2, Mission, TX 78572 - (956) 598-6800

FSQA Supervisor

04-16-2025 08:29:44

# Customer Acceptance of Specifications

Rio Grande Juice Company has presented the Customer with specifications for RED GRAPEFRUIT NOT FROM CONCENTRATE, and this Agreement formalizes the acceptance of these specifications. Both parties acknowledge that they have reviewed and approved the specifications.

## RIO GRANDE JUICE COMPANY



Approver Signature:   
Approver Printed Name: LUIS HERNANDEZ  
Approver Position: FSQA SUPERVISOR  
Date: 4/17/2025

## CUSTOMER

Customer Name: \_\_\_\_\_  
Approver Signature: \_\_\_\_\_  
Approver Printed Name: \_\_\_\_\_  
Approver Position: \_\_\_\_\_  
Date: \_\_\_\_\_

\*\*Any modifications or amendments to the approved specifications must be agreed upon in writing by both parties\*\*

This document contains confidential proprietary information and is not to be shared with others without explicit authorization from Rio Grande Juice Company.