

TECHNICAL DATA SHEET

ORANGE NOT FROM CONCENTRATE JUICE



DESCRIPTION

Our Orange Not from Concentrate Juice is a high-quality, fresh juice that is extracted from 100% Texas oranges (*Citrus sinensis*). 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

ORGANOLEPTIC

Aroma	Typical of orange juice. No fermented or caramelized odors.
Color	(19-20 points) Typical of Orange.
Defects	Practically Free (18-20 points)
Flavor	(54-60 points) Typical, mature oranges with no off notes or caramelized flavors.

PHYSICAL

	Target	Min	Max
Brix (corrected for acidity)	12.7	11	15
Titrateable Acidity (% Citric Acid)	0.85	0.22	1.25
Brix/Acid Ratio	25	8.8	50
pH Value	3.8	3.4	4.5
Free and Suspended Pulp	16%	8%	18%
Recoverable Oil (Scott Method)	0.040%	0.020%	0.080%
Color (Hunter CR Value)	37	36	40
Howard Mold Count			10%

MICROBIOLOGY

Standard Plate Count (SPC or TPC)	5000 cfu/g
Yeast and Mold	2000 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, Canada 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 45-1981
- ✓ AIJN Standard 6.1
- ✓ Kosher Certified
- ✓ Fully Traceable Product
- ✓ 100 % Natural
- ✓ Gluten Free
- ✓ Allergen Free

Nutritional

Nutrition Facts

Serving Size 100g

Amount Per Serving

Calories **205**

	100 g	% Daily Value *
Total Fat	0 g	0 %
Saturated Fat	0 g	0 %
Trans Fat	0 g	
Cholesterol	0 mg	0 %
Sodium	9 mg	0 %
Total Carbohydrate	48 g	17 %
Dietary Fiber.	1 g	4 %
Total Sugars	44 g	88 %
Includes __g Added Sugars __%		
Protein	3 g	
Vitamin D	0 mcg	0 %
*Calcium (Ca)	83 mg	6 %
*Iron (Fe)	0 mg	0 %
Potassium	911 mg	19 %
Magnesium	--	--
Copper	--	--
Zinc	--	--

*% 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 food grade blue tinted polyethylene liners. Net weight ~ 417 lbs. (189kg)

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.

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:

TC4310-D - W1042210

TC4310-S - W1063427

TC4310-U - W1071626

TC4310-T - W1042211

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
Lot Number
Production Date:
Expiration Date

W1063427-TC4310-S - Orange Juice NFC - Silo
P25037-02
02/06/2025
02/06/2026

Analysis	RGJC Laboratory Analysis	UOM	Specifications	
			Min	Max
Uncorrected Brix (AOAC 983.17)	10.87	EA	11.50	14.00
pH Value (AOAC 964.24)	3.85	EA	3.40	4.20
% Acid (as citric) (AOAC 942.15)	0.71	PCT	0.22	1.25
Brix, Corrected (AOAC 983.17)	11.02	EA	11.00	15.00
Brix/Acid Ratio (USDA AMS)	15.52	EA	8.80	50.00
% Oil (Scott Oil Method)	0.0656	PCT	0.0200	0.0800
Suspended Pulp (USDA AMS)	12	PCT	8	18
Vitamin C (AOAC 939.13 & 966.18)	507	MGL	300.00	700.00
CR Value (Hunter Value)	24.58	EA	30.00	120.00
CY Value (Hunter value)	75.5	EA	0.00	100.00
Citrus N Value (Hunter Value)	34.84	EA	32.50	42.00
Color Score (USDA AMS)	36	EA	35	40
Light Filter (USDA AMS)	None			
Defect Description	None			
Defect Score (USDA AMS)	20	EA	19	20
Flavor Description	Typical			
Flavor Score (USDA AMS)	37	EA	36	40
Grade Score (USDA AMS)	93	EA	90	100
USDA Grade	A			
Howard Mold Count (USDA AMS)	0	PCT	0	10
Enzymatic Separation	0 - None			
Customer Name				
Total Plate Count (FDA BAM No. 3 on OSA)	3	CFU	0	5000
Yeasts (FDA BAM 18)	0	CFU	0	2000
Molds (FDA BAM 16)	0	CFU	0	2000
Coliform	Negative			

Customer Remarks:

Designated Supplier Signature:

Title:

Issue Date:

Rio Grande Juice Company - 702 E. Interstate Hwy 2, Mission, TX 78572 - (956) 596-6800

FSQA Supervisor

08-13-2025 11:00:40

Customer Acceptance of Specifications

Rio Grande Juice Company has presented the Customer with specifications for ORANGE NOT FROM CONCENTRATE JUICE, 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: 9/10/2025

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.