



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
Titratable 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	--	--

*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 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

02/06/2028

Analysis	RGJC Laboratory Analysis	UOM	Specifications Min	Specifications 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)	16.82	EA	8.80	50.00
% Oil (Scott Oil Method)	0.0686	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 Filth (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
Yeast (FDA BAM 18)	0	CFU	0	2000
Molds (FDA BAM 18)	0	CFU	0	2000
Coliform	Negative			

Customer Remarks:

A handwritten signature in blue ink, appearing to read "J. H." or "John H.".

Designated Supplier Signature:

Title:

Issue Date:

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

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.