



TECHNICAL DATA SHEET

NOT FROM CONCENTRATE LEMON JUICE

DESCRIPTION

Our Not From Concentrate Lemon Juice is made from 100% fresh Lemons (*Citrus limon*), using advanced processing to retain the natural flavor, tart acidity, and true color. Produced under strict quality controls, product is intended for further manufacturing use only and is not ready-to-eat (RTE).

Country of Origin: Produced in USA with Lemons from Mexico



Technical Data

Compliance

ORGANALEPTIC

Aroma Good, typical of lemon juice. No fermented or caramelized odors.

Color Good. (36-40 points) Typical of lemon, white to amber.

Defects Practically Free (27-30 points)

Flavor Good. (27-30 points) Typical of sound, mature lemon with no off notes or caramelized flavors.

PHYSICAL

	Target	Min	Max
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Brix (corrected for acidity)	6	13	
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Titratable Acidity (% Citric Acid)	5.0	4.5	5.4
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Brix/Acid Ratio	1.1	2.2	
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Free and Suspended Pulp	0%	12%	
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Recoverable Oil (Scott Method)	.050%	.010%	0.10%
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Color (Hunter CR Value)	40	35	40
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MICROBIOLOGY

Standard Plate Count (SPC or TPC)	5000 cfu/g
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Yeast and Mold	5000 cfu/g
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Coliforms	Negative
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Heat Resistant Molds (HRM)	Negative
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TAB	Negative
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HEAVY METALS & PESTICIDES

Lead	0.05 PPM
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Arsenic	0.1 PPM
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Pesticides comply with both USA and EU regulations, ensuring they meet safety limits set by both jurisdictions. Analysis Available upon request.

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. INTERSTATE HWY 2 MISSION, TX, 78572 USA		
FROZEN LEMON JUICE NOT FROM CONCENTRATE		
PROCESSED IN THE USA WITH LEMONS FROM MEXICO STORE AT <-18°C(<0°F) RGJ CODE: TC 4510-D		
(U) 48 GAL 181.7 L		
FILL DATE 09/12/2024 EXP DATE 09/12/2027		
LOT P24256-01		
DRUM # 3384L7		
GROSS Lb Kg CORR BRIX		
450.6	204.4	9.58
TARE Lb Kg ACID		
36.6	16.6	5.06
NET Lb Kg KATIO		
414.0	187.8	1.89

Tankers



Packaging: Food Grade Bulk Tankers meeting JPA requirements. ~ 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- JPA Guidelines
- Scale ticket
- Certification of Analysis
- Three previous loads
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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:

W1042013 - TC4510-D

W1042014 - TC4510-S

W1042015 - TC4510-T

W1068537 - TC4510-P

W1042015 - TC4510-T

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

Analysis	RGJC Laboratory Analysis	UOM	Specifications Min	Specifications Max
Uncorrected Brix (AOAC 983.17)	7.75	EA	8.00	12.00
pH Value (AOAC 964.24)	2.6	EA	0.00	3.00
% Acid (as citric) (AOAC 942.15)	5.01	PCT	4.50	5.4
GPL Citric Acid	51.83	GPL	50.00	70.00
Brix, Corrected (AOAC 983.17)	8.72	EA	6.00	10.00
Brix/Acid Ratio (USDA AMS)	1.74	EA	1.10	2.20
% Oil (Scott Oil Method)	0.048	PCT	0.0100	0.0500
Suspended Pulp (USDA AMS)	10	PCT	0	17
Vitamin C (AOAC 939.13 & 966.18)	362	MGL	300.00	600.00
CR Value (Hunter Value)	18.42	EA	15.00	30.00
CY Value (Hunter value)	57.98	EA	40.00	60.00
Citrus N Value (Hunter Value)	31.84	EA	35.00	40.00
Color Score (USDA AMS)	35	EA	36	40
Light Filth (USDA AMS)	None			
Defect Description	None			
Defect Score (USDA AMS)	30	EA	27	30
Flavor Description	Typical			
Flavor Score (USDA AMS)	30	EA	27	30
Grade Score (USDA AMS)	95	EA	90	100
USDA Grade	A			
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	5000
Molds (FDA BAM 18)	0	CFU	0	5000
Coliform	Negative			
Customer Name				

Customer Remarks:

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

Designated Supplier Signature:

Title:

FSQA Supervisor

Issue Date:

08-28-2025 14:39:39

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

Rio Grande Juice Company

702 E Interstate Hwy 2, Mission, TX, 78572

Revised 1/6/2026

WCTX-RGJ-QA-SPEC-21

Customer Acceptance of Specifications

Rio Grande Juice Company has presented the customer with specifications for NOT FROM CONCENTRATE LEMON 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: 1/6/2026

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.