

# 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

#### ORGANOLEPTIC

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

#### MICROBIOLOGY

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

#### 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
- ✓ Codex Standard 247-2005
- ✓ AIJN Standard 6.24
- ✓ Kosher Certified
- ✓ Fully Traceable Product
- ✓ 100 % Natural
- ✓ Gluten Free
- ✓ Allergen Free

## 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: TC4510-D			
48 GAL		181.7 L	
FILL DATE 09/12/2024		EXP DATE 09/12/2027	
LOT			
P24256-01			
DRUM # 330417			
GROSS Lb		Kg	CORR BRIX
450.6		204.4	9.58
TARE Lb		Kg	ACID
36.6		16.6	5.06
NET Lb		Kg	RATIO
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
- Certification of Analysis
- Tank Wash Report- JPA Guidelines
- Three previous loads
- Scale ticket
- 

**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

Product Identification  
Lot Number  
Production Date:  
Expiration Date

W1042014-TC4510-S Lemon NFC Silo  
P25226-03  
08/14/2025  
08/14/2028

Analysis	RGJC Laboratory Analysis	UOM	Specifications	
			Min	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 CSA)	0	CFU	0	5000
Yeasts (FDA BAM 18)	0	CFU	0	5000
Molds (FDA BAM 18)	0	CFU	0	5000
Coliform	Negative			
Customer Name				

Customer Remarks:

Designated Supplier Signature:  
Title:  
Issue Date:  
Rio Grande Juice Company - 702 E. Interstate Hwy 2, Mission, TX 78572 - (956) 598-6800

  
FSQA Supervisor  
08-28-2025 14:39:39

## 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.