



TECHNICAL DATA SHEET

NOT FROM CONCENTRATED LIME JUICE

DESCRIPTION

Our Not from Concentrated Lime Juice is made from 100% fresh Persian limes (*Citrus latifolia*), using advanced processing to retain the natural flavor, bright acidity, and vibrant 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 the USA with Limes imported to the USA

Technical Data

Compliance

ORGANOLEPTIC			
Aroma	Good, typical of lime juice. No fermented or caramelized odors.		
Color	Good. (19-20 points) Typical of lime, light green.		
Defects	Practically Free (18-20 points)		
Flavor	Good. (54-60 points) Typical of sound, mature lime with no off notes or caramelized flavors.		
PHYSICAL			
	Target	Min	Max
Brix (corrected for acidity)		8.5	13
Titratable Acidity (% Citric Acid)	5.3	4.5	7.0
Brix/Acid Ratio		1.4	2.9
GPL of Citric Acid	57	50	70
Free and Suspended Pulp	9%	6%	14%
Recoverable Oil (Scott Method)	.035%	.001%	0.10%
Color (Hunter CN Value)	30	25	45
Howard Mold Count			10%
MICROBIOLOGY			
Standard Plate Count (SPC or TPC)		2000 cfu/g	
Yeast and Mold		1000 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.

- ✓ FDA Compliance
- ✓ HACCP System
- ✓ GFSI accredited
- ✓ Codex Standard 247-2005
- ✓ AIJN Standard 6.26
- ✓ Kosher Certified
- ✓ Fully Traceable Product
- ✓ 100 % Natural
- ✓ Gluten Free
- ✓ Allergen Free

Nutritional

Supplier must provide a complete nutritional analysis for the product. Nutritional data must be updated if there are any formulation or process changes.

Packaging and Storage

Drums



Packaging: Open head steel drums 55 gallons, 48 gallons net fill with two blue tinted polyethylene FDA Food Grade approved liners.

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.

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

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 Number

W1042030-TC4610-D

W1042032-TC4610-T

W1042031-TC4610-S

W1042033-TC4610-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	W1042030-TC4610-D Lime NFC Drum
Lot Number	P25080-01
Production Date:	03/21/2025
Expiration Date	03/21/2028

Analysis	RGJC Laboratory Analysis	UOM	Specifications Min	Max
Country of Origin	Mexico/Columbia/Peru			
Uncorrected Brix (AOAC 983.17)	8.04	EA	7.00	12.00
pH Value (AOAC 964.24)	2.72	EA	2.35	3.60
% Acid (as citric) (AOAC 942.15)	4.93	PCT	4.50	7.00
GPL Citric Acid	51.06	GPL	50.00	70.00
Brix, Corrected (AOAC 983.17)	9	EA	8.50	13.00
Brix/ Acid Ratio (USDA AMS)	1.82	EA	1.40	2.90
% Oil (Scott Oil Method)	0.068	PCT	0.0100	0.1000
Suspended Pulp (USDA AMS)	10	PCT	6	14
Vitamin C (AOAC 939.13 & 966.18)	319	MGL	300.00	500.00
CR Value (Hunter Value)	18.11	EA	15.00	30.00
CY Value (Hunter value)	60.93	EA	45.00	55.00
Citrus N Value (Hunter Value)	32.12	EA	25.00	45.00
Color Score (USDA AMS)	20	EA	18	20
Light Filt (USDA AMS)	None			
Defect Description	None			
Defect Score (USDA AMS)	20	EA	18	20
Flavor Description	Typical			
Flavor Score (USDA AMS)	56	EA	50	60
Grade Score (USDA AMS)	96	EA	0	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	2000
Yeast (FDA BAM 18)	0	CFU	0	1000
Molds (FDA BAM 18)	0	CFU	0	1000
Collorm	Negative			
Customer Name				

Customer Remarks: Processed in USA from limes grown in Mexico, Colombia and Peru

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

Designated Supplier Signature:

Title:

Issue Date:

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

FSQA Supervisor

09-10-2025 09:40:45

Customer Acceptance of Specifications

Rio Grande Juice Company has presented the customer with specifications for NOT FROM CONCENTRATED LIME 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: 10/10/2025

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.