

TECHNICAL DATA SHEET

CONCENTRATED LIME JUICE FOR MANUFACTURING



DESCRIPTION

Our Concentrated Lime Juice is be 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 from Mexico or Product of Mexico



Technical Data

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)	62	43	67
Titrateable Acidity (% Citric Acid)	31.0	30.0	34.0
Brix/Acid Ratio		1.26	2.23
GPL of Citric Acid	400	395	410
Free and Suspended Pulp	9%	6%	10%
Recoverable Oil (Scott Method)	.010%	.001%	0.05%
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.

Compliance

- ✓ 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, 52 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. ~ 4,500 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:

W1042027-TC4600-D

W1042029-TC4600-T

W1073763-SB4600-S

W1042028-TC4600-S

W1042026-SB4600-D

W1073765-SB4600-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

Supplier must provide a sample Certificate of Analysis (COA) detailing typical parameters tested (e.g., Brix, pH, microbiological results) and acceptable specification ranges. COA must accompany each shipment to verify compliance with agreed quality standards.

Customer Acceptance of Specifications

Rio Grande Juice Company has presented the customer with specifications for CONCENTRATED LIME JUICE FOR MANUFACTURING, 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.