

# TECHNICAL DATA SHEET

## LIME COLD PRESS OIL



### DESCRIPTION

Our Lime Cold Pressed Oil is extracted from the fresh peel of 100% Persian limes (*Citrus latifolia*) using mechanical cold-pressing methods that preserve the essential aromatic compounds and vibrant citrus character. This high-quality oil is intended for further manufacturing use only.

**Country of Origin:** Varies, declared in the COA.

### Technical Data

#### ORGANOLEPTIC

Aroma	Good, typical of fresh lime.
Color	Good. Clear amber to dark green liquid.
Defects	Practically Free
Flavor	Conforms to an approved standard when tasted at 0.03% in tasting syrup

#### PHYSICAL

	Target	Min	Max
Refractive Index (20°C)	1.47	1.485	1.49
Specific Gravity (20°C)	0.87	0.86	0.88
Optical Rotation (25°C)	+91.0°	+89.5°	+94.0°
Total Aldehydes as Decanal	5	4	6
GC Analysis	Conforms to an approved standard		
% d-Limonene	60	55	70
Wax %	2	0	3

#### HEAVY METALS & PESTICIDES

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
- ✓ Kosher Certified
- ✓ Fully Traceable Product
- ✓ 100 % Natural
- ✓ Gluten Free
- ✓ Allergen Free

## Packaging and Storage



### Drums

**Packaging:** Closed metallic drums with a food grade phenolic inner lining and dark grey or white external enamels. Net content of 180Kg (396.8Lbs).

**Storage:** Store at room temperature, in the original unopened container, Nitrogen has been introduced during the packaging to displace the air and prevent oxidation. Cap Seal with RGJ logo is placed.

**Shelf Life:** Varies, provided in the COA.

**Labeling:** Label is placed on top of the drum using an adhesive label to stick to the drum. Labels comply with international labeling regulations. Label sample is on the right which indicates what the drum tag includes.

 702 E. Expressway 83 Mission, Texas 78572		<b>Lime Cold Press Oil</b> <b>RGJC Product Code:</b> BP4610-D <b>Recommended Storage:</b> Store at < 0°F in original container <b>Product Shelf Life:</b> 60 Months	
<b>HAZMAT INFORMATION</b> UN2319, Terpene Hydrocarbons, N.O.S., liquid 3 III ERG 128			
<b>Customer Information:</b>  		Lot Number:	
		Production Date:	
		Refractive Index:	
		% Nootkatone:	
		Drum Number:	
		Tare Weight (LBS):	
		Net Weight (LBS):	
		Gross Weight (LBS):	

## Product Numbers

This technical data sheet applies to the following Product Numbers:

BP4610-D – W1042020

BP4610-T – W1050990

BP4610-S – W1050989

BP4615-D – W1042021

## 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 “A23310-01 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
- A- By-products

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	W1042020-BP4610-D Lime Cold Press Oil Drum
Lot Number	A25219-04
Production Date:	08/07/2025
Expiration Date	08/07/2030

Analysis	RGJC Laboratory Analysis	UOM	Specifications	
			Min	Max
Country of Origin	Mexico			
Refractive Index (AOAC 921.141)	1.4854	EA	1.4700	1.4900
Specific Gravity (AOAC 920.140)	0.871	EA	0.8500	0.8900
% d-Limonene	54.48	PCT	55.00	70.00
Total Aldehydes as Decanal	5.25	PCT	3.00	6.00

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  
09-16-2025 09:28:48

## Customer Acceptance of Specifications

Rio Grande Juice Company has presented the supplier with specifications for LIME COLD PRESS OIL, 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: 9/16/2025

### 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.