



TECHNICAL DATA SHEET

GRAPEFRUIT COLD PRESS OIL

DESCRIPTION

Our Orange Cold Pressed Oil is extracted from the fresh peel of 100% fresh oranges (Citrus sinensis) 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 and is not ready-to-eat (RTE).

Country of Origin: United States of America



Technical Data

Compliance

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
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Refractive Index (20°C)	1.473	1.48	
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Specific Gravity (20°C)	0.842	0.854	
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Optical Rotation (25°C)	+88.5°	+98.0°	
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Total Aldehydes as Decanal	0.01	1.30	
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GC Analysis	Conforms to an approved standard	
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HEAVY METALS & PESTICIDES

Pesticides comply with USA, Canada and EU regulations, ensuring they meet safety limits set by both jurisdictions. Analysis Available upon request.

- 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 white external enamels. Net content of 177Kg (390 Lbs).

Storage/Shelf Life:

- When unrefrigerated, >55°F (13°C) and <80°F (26°C), in the original unopened container, shelf-life is 24 months.
- When chilled, 33-55°F (0.5-13°C), in the original unopened container, shelf-life is 36 months.
- When frozen, <32°F (0°C), in the original unopened container, shelf-life is 60 months.

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.

 Orange Cold Press Oil																	
RGJC Product Code:	BP4310-D																
702 E. Expressway 83 Mission, Texas 78572	Recommended Storage: Store at <0°F in original container Product Shelf Life: 60 Months																
Customer Information:	<table border="1"><tr><td>Lot Number:</td><td>A25085-02</td></tr><tr><td>Production Date:</td><td>3/26/2025</td></tr><tr><td>Refractive Index:</td><td>1.4733</td></tr><tr><td>Total Aldehydes:</td><td>0.54</td></tr><tr><td>Drum Number:</td><td>ODB2517</td></tr><tr><td>Tare Weight (LBS):</td><td>34</td></tr><tr><td>Net Weight (LBS):</td><td>390</td></tr><tr><td>Gross Weight (LBS):</td><td>424</td></tr></table>	Lot Number:	A25085-02	Production Date:	3/26/2025	Refractive Index:	1.4733	Total Aldehydes:	0.54	Drum Number:	ODB2517	Tare Weight (LBS):	34	Net Weight (LBS):	390	Gross Weight (LBS):	424
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Product Numbers

This technical data sheet applies to the following Product Numbers:

W1042043 – BP4310-D W1042045 – BP4310-T
W1042044 – BP4310-S W1042046 – BP4315-D

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
- A- By Product

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

W1042043-BP4310-D Orange Cold Press Oil Drum

Lot Number

A25147-01

Production Date:

05/27/2025

Expiration Date

05/27/2030

Analysis	RGJC Laboratory Analysis	UOM	Specifications	
			Min	Max
Country of Origin	United States of America			
Refractive Index (AOAC 921.141)	1.4736	EA	1.4700	1.4800
Specific Gravity (AOAC 920.140)	0.847	EA	0.8420	0.8540
Optical Rotation (AOAC 921.142)	97	EA	88.5	98.0
% d-Limonene	95.58	PCT	90.00	97.00
Total Aldehydes as Decanal	0.58	PCT	0.01	1.30

Customer Remarks:

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

Designated Supplier Signature:

Title:

FSQA Supervisor

Issue Date:

09-10-2025 10:15:06

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

Customer Acceptance of Specifications

Rio Grande Juice Company has presented the customer with specifications for ORANGE 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.