



**Rio Grande Juice Company
Quality Assurance Department
Product Specification Sheet**

Product Name: d-Limonene (Technical Grade)

Product Number: BP4700

Quality Parameters

Aroma Good, typical of citrus fruits.
Color Good. Clear to slightly yellow liquid.
Defects Practically Free

Analytical Parameters

	Minimum	Target	Maximum
Refractive Index (20°C)	1.471	1.4725	1.475
% d-Limonene	94.00%	95-96%	99.00%

Packaging Options

55 gallon, 52 gallon net fill, epoxy phenolic lined 1A1 steel drums. Approximate net weight of 390 lbs. (177 kgs)
Bulk tankers

Storage and Shelf-life

When unrefrigerated, >55°F (13°C) and <80°F (26°C), in the original unopened container, shelf-life is 24months.
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.

Country of Origin

The United States of America - specifically the Rio Grande Valley of Texas

Ingredient Statement

This product is derived from 100% Texas Red Grapefruit. (*Citrus paradisi*) d-Limonene is a by-product of the concentration/evaporation of juice and pressed liquor.

FDA Compliance

This product is manufactured using Current Good Manufacturing Practices outlined by the United States FDA.

We maintain a HACCP system for all juice products. This HACCP system is reviewed periodically by FDA for accuracy and execution.

AIJN / Codex Alimentarius Compliance

This product does not currently have a standard from AIJN or Codex.

Kosher Status

The product is certified Kosher by the Orthodox Union.



GFSI Certification

The facility that produces this product has been GFSI accredited since 2009. Our certificate is available upon request.

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