



Rio Grande Juice Company Quality Assurance Department Product Specification Sheet

Product Name: Grapefruit Essence Oil

Product Number: BP4100

Quality Parameters

Aroma	Good, typical of fresh grapefruit.
Color	Good. Clear to slightly pink liquid.
Defects	Practically Free
Flavor	Conforms to an approved standard when tasted at 0.01% in tasting syrup

Analytical Parameters

	<u>Minimum</u>	<u>Target</u>	<u>Maximum</u>
Refractive Index (20°C)	1.471	1.473	1.478
Specific Gravity (20°C)	0.840	0.843	0.855
Optical Rotation (25°C)	+87.5°		+95°
Total Aldehydes	0.05	1.60	2.20
GC Analysis	Conforms to an approved standard		
% Nootkatone (may vary from season to season)	0.01%		1.30%

Pesticides and Heavy Metals

Pesticides and Post-Harvest Chemicals Meets AIJN and EPA standards

Packaging Options

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

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*) Essence oil is a by-product of the concentration/evaporation of grapefruit juice.

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 accredited with a GFSI scheme since 2009. Our certificate is available upon request.

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