



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

Product Name: Orange Juice Concentrate for Manufacturing (Early/Mid Varieties)

Product Number(s): TC4300; SB4300

Quality Parameters

Aroma	Good, typical of orange juice. No fermented or caramelized odors.
Color	Good. (35-40 points) Typical of orange.
Defects	Practically Free (18-20 points)
Flavor	Good. (34-40 points) Typical of sound, mature oranges with no off notes or caramelized flavors.

Analytical Parameters

	<u>Minimum</u>	<u>Target</u>	<u>Maximum</u>
Brix (corrected for acidity)	60.0	62.5	64.5
Titrateable Acidity (% Citric Acid)	1.25	2.15	3.7
Brix/Acid Ratio	17.0	29.0	50.0
pH Value			4.00
Free and Suspended Pulp	10%	12%	14%
Recoverable Oil (Scott Method)			0.020%
Color (Hunter CN Value)	32.5	35	39

Microbiological Parameters

Howard Mold Count		10%
Standard Plate Count (SPC or TPC)		5000 cfu/g
Yeast and Molds		500 cfu/g
Thermophilic Acidophilus Bacteria (TAB)	Negative	
Coliforms	Negative	
Heat Resistant Molds (HRM)	Negative	

Pesticides and Heavy Metals

Pesticides and Post-Harvest Chemicals	Meets AIJN and EPA standards
Lead	0.05 ppm
Arsenic	0.1 ppm

Packaging Options

55 gallon, 52 gallon net fill, open head steel drums with two polyethylene liners. Approximate net weight of 574 lbs. (260 kgs)

Bulk tankers.

Storage and Shelf-life

Drummed product should be kept in the original packaging and stored at <0°F or <-18°C.

Product kept in these recommended conditions will have a shelf-life of 36 months.

Country of Origin

The United States of America

Ingredient Statement

This product is 100% Orange Juice. (*Citrus sinensis*)

FDA Compliance

The concentrated orange juice for manufacturing does not meet the standards as defined in the "Standards of Identity for Orange Juice" issued under the Federal Food, Drug and Cosmetic Act #146.135 due to the Brix/Acid Ratio.

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

The concentrated orange juice for manufacturing does not meet Codex Standard 45-1981 and AIJN standard 6.1 due to the low acidity causing a high Brix/Acid Ratio.

Kosher Status

The product is certified Kosher by the Orthodox Union.



GFSI Certification

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

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