



National Raisin Specification Raisin Juice Concentrate Technical Data Sheet

NRC Item Codes

00003 – 630# drums OU Kosher
00015 – 3150 # totes
00016 – Tanker Truck
00019 – 3000 # tote
00116 – 59# pail/organic
00017 – 630# drums (55 gal)
00117 – 630# drums/organic

Product Description

Raisin Juice Concentrate is a water extract of Natural Thompson Seedless Raisins. This product is obtained by leaching the natural, water soluble components out of the raisin through a 'stewing' process. The solution is then introduced to a vacuum concentrator to obtain an extract consistency of 70° Brix. Raisin Juice Concentrate is all natural and is shelf-stable without additives or preservatives. The final product is packaged under continuous inspection by National Raisin Quality Control. Listed below is a summary of the specification guidelines.

General Quality Information

Raisin Juice Concentrate is manufactured under continuous inspection by the National Raisin Quality Control department. Every batch of concentrate is analyzed to insure that the product meets the high standards for Champion Raisin Juice Concentrate. The product is guaranteed to meet the requirements set forth in this specification.

Attribute Category	Tolerance
Color	Medium Dark Amber to Dark Brown
Foreign Material	Free of Foreign Material
Extraneous Material (Visible / Micro)	None
Odor	Typical Raisin
Flavor	Inherent Fruity Flavor
Soluble Solids	70 % minimum
pH	2.5 – 3.5
Total Acidity	1.0 – 3.0 %
Reducing Sugars	55% minimum
Density	11.25 lbs./gallon min.*

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* Estimated volume based on weight to volume ratio of 11.25 lbs per gallon

Microbiological & Chemical Tolerances

Analysis	Method	Specification
APC	AOAC 966.23	<1,000/g
Yeast	FDA-BAM 8 th Ed.	<1,000/g
Mold	FDA-BAM 8 th Ed.	<1,000/g
E. Coli	AOAC 966.24	<3/g
Coliform	AOAC 966.24	<3/g
Salmonella	AOAC 2001.09	Negative
Staph (Coag +)	AOAC 987.09	<3/g



Product provided will be subject to the micro requirements above. All products will conform to US microbial, pesticide, mycotoxin, branding, and labeling requirements set forth by the US FDA and Federal Food and Drug Cosmetic Act.

Nutritional Values (100 grams)

Proximates

Calories	275 kcal
Proteins	2.10 g
Total Carbohydrates	68.0 g
Sugar (reducing)	65.0 g
Fat	0.20 g
Fiber	0.02 g
Ash	0.60 g
Total Acid (tartaric)	2.00 g

Minerals

Calcium	37 mg
Copper	0.20 mg
Iron	3 mg
Magnesium	37 mg
Phosphorus	99 mg
Potassium	110 mg
Sodium	25 mg
Zinc	0.20 mg

Vitamins

Vitamin C	3.7 mg
Thiamin	0.10 mg
Riboflavin	0.02 mg
Niacin	0.80 mg
Vitamin A	0.00 IU

Packaging Information

The product can be packed in 59# pails, 630# drums, 3000# totes, 3150# totes, or tankers.

Kosher

National Raisin Company Raisin Juice Concentrate is certified KORC, Orthodox Rabbinical Council of San Francisco. Other Kosher certifications will be considered at the customer's request. Additional costs and lead times apply to alternative certifications.

Organic

National Raisin Company raisin juice concentrate is available in organic. Our Bonner brand raisin juice concentrate is certified by FVO/ICS.

Storage / Shelf Life

Raisin Juice concentrate is naturally equipped to maintain stability at temperatures between 15° and 21° C. This is due to the low pH, low water activity, and high Brix properties. Some tartrate solid settling will be observed upon use of the product. Recommended shelf life – 12 months.

Food Safety Program Commitment

National Raisin operates under strict food safety and quality guidelines. These formalized programs allow National Raisin to produce the safest, highest quality product available in the industry. A copy of these programs, guidelines, and policies are generally provided to the quality assurance personnel upon audit of the facility. The buyer may also obtain a copy of this material upon request through the National Raisin account manager. Please be advised, this material is considered highly sensitive and should be held in the highest confidence.

National Raisin Company is inspected by the American Council of Food Safety and Quality for food safety and sanitary compliance.

National Raisin was awarded GFSI-SQF 2000 and GFSI-BRC certification for achievement in food safety and quality.

