

## PRODUCT DATA SHEET

### APPLE JUICE CONCENTRATE, 70° BRIX

**PRODUCT DESCRIPTION:**

Apple juice concentrate shall be prepared from commercially grown apples. The unfermented juice from these apples shall be clarified (filtered), concentrated and the essence (aroma) held separately. The concentrate shall contain no additives, preservatives, flavors or colors of any kind. The product shall be prepared, processed, packaged and delivered in accordance with current good manufacturing practices and under strict sanitary conditions to assure good product definitions. The product is inspected throughout the process to assure the product is in compliance with the provisions of the Federal Food, Drug and Cosmetic Act.

**ANALYSIS:**

	TARGET	MINIMUM	MAXIMUM
Brix	70.0°	69.9°	71.0°
Haze %Transmittance @ 625nm, 11.7° Brix	95%	90%	100%
Turbidity NTU, 11.7° Brix	0	0	5
pH, 11.7° Brix	3.8	3.2	4.4
Pectin	0%	0%	2.0%
Starch	0	0	0
Sediment	0	0	0
Total Plate Count (CFU/ml)	0	0	500
Yeast/Mold	0	0	500
Acid as Malic g/100g @ 70.0° Brix	1.55	1.15	3.60
Acid as Malic g/100mL @ 11.7° Brix	0.27	0.20	0.62
Color %Transmittance @430nm, 11.7° Brix			
Standard	50%	45%	79%
Light Color	70.5%	65.0%	85%

**FLAVOR/ODOR:**

Typical of Apple Juice Concentrate

**LABELING:**

100% Apple Juice Concentrate

**PACKAGING OPTIONS:**

Containers of concentrate shall be filled from a homogenous batch. The container may be either:

1. New or reconditioned 52-gallon net fill food grade epoxy lined, open top, sanitized steel drum with two 4-mil poly bag liners.
2. 275 gallon bag-in-bin.
3. Approved, sanitized food grade tanker.

Each container shall be labeled with the name of the product, the manufacturer, the country of origin, date of manufacture, net weight, lot number and container number.

**SHELF LIFE AND STORAGE RECOMMENDATIONS:**

	<u>Ambient &lt;70°F</u>	<u>Refrigerated &lt;45°F</u>	<u>Frozen &lt;0°F</u>
Standard Apple Juice Concentrate:	Not recommended	18 Months	2 years
Light Color Apple Juice Concentrate:	Not recommended	Not recommended	18 months

**KOSHER CERTIFICATION:**

This ingredient meets the kashruth requirements of the Union of Orthodox Jewish Congregations of America.

**RECONSTITUTION:**

1 part concentrate + 6.86 parts water to 11.7 Brix by volume

**NUTRITIONAL DATA:**

NUTRIENT OR ITEM	11.7° Brix	70.0° Brix
Moisture (g/100 g)	88.2	29.7
Fruit Solids (g/100 g)	11.7	70.0
Ash (g/100 g)	0.3	1.5
Protein (g/100 g)	<0.1	0.2
Fat (g/100 g)	<0.1	0.1
Trans Fat (g/100 g)	0.0	0.0
Carbohydrates (g/100 g)	11.3	68.5
Calories (per 100 g)	45	275
Sugars (g/100 g)	10.7	65.9
Sucrose (g/100 g)	1.4	8.3
Glucose (g/100 g)	3.0	17.7
Fructose (g/100 g)	6.3	37.9
Sorbitol (g/100 g)*	0.5	2.8
Dietary Fiber		0.3
Vitamin A as b-carotene (IU/100 g)	<50	<50
Vitamin C (mg/100 g)	1.1	0.8
Sodium (mg/100 g)	2.9	24.4
Potassium (mg/100 g)	115	658
Calcium (mg/100 g)	9.7	22.8
Iron (mg/100 g)	<0.2	0.7

These are average values and should be used only to approximate the nutritional composition of any food formulations. Nutritional data not found on this list are present in levels not required by NLEA standards.

For more documentation please contact [DocumentControl@treetop.com](mailto:DocumentControl@treetop.com)

*Standards of identity and label statements for consumer products are the sole responsibility of the customer. The product shall be prepared, processed, packaged, and delivered in accordance with current good manufacturing practices and under strict sanitary conditions.*

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