	Title:	<b>213802</b> <b>PINEAPPLE JUICE CONCENTRATE</b>	Scope	Global	
	By		Alex Velte	Origination	Operations
				Issued	10/4/19
			Supersedes	10/16/17	

**Customer Product Specification**

**Pineapple Juice Concentrate** is processed from quality ripe pineapples to retain the characteristic flavor and color of the whole fruit. All shipments will meet the following specifications.

**Brix** 60° +/- 2° Brix

**pH** 2.5 - 4.0

**Brix/ Acid Ratio** 15 - 33

**Titrateable Acidity**

0.40 - 0.90% wt/vol as citric at 12.8°

1.8 – 4.0% wt/wt as citric at 60°

**Color** Characteristic of fresh pineapple

**Flavor** Characteristic of fresh pineapple

**Pulp** 17 - 22%

**Foreign Materials** None

**Microbiological**

**Frozen**

TPC 2000 cfu/ml, maximum

Yeast 1000 cfu/ml, maximum

Mold 50 cfu/ml, maximum

**Aseptic**

TPC 200 cfu/ml, maximum

Yeast 100 cfu/ml, maximum

Mold 20 cfu/ml, maximum

**Ingredients** Pineapple Juice Concentrate

**Packaging** Aseptic bag in a drum

**Additives** None

**Storage** Aseptic; store cooler temperatures (30-55 °F, for best color retention). Frozen; store freezer temperatures (<0 °F)

**Shelf Life** 1 year, if unopened and stored at recommended storage temperatures.

**Regulation**

Kosher  
Chicago Rabbinical Council



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<b>NORTHWEST NATURALS®</b>	Title:	<b>213802 PINEAPPLE JUICE CONCENTRATE</b>	Scope	Global
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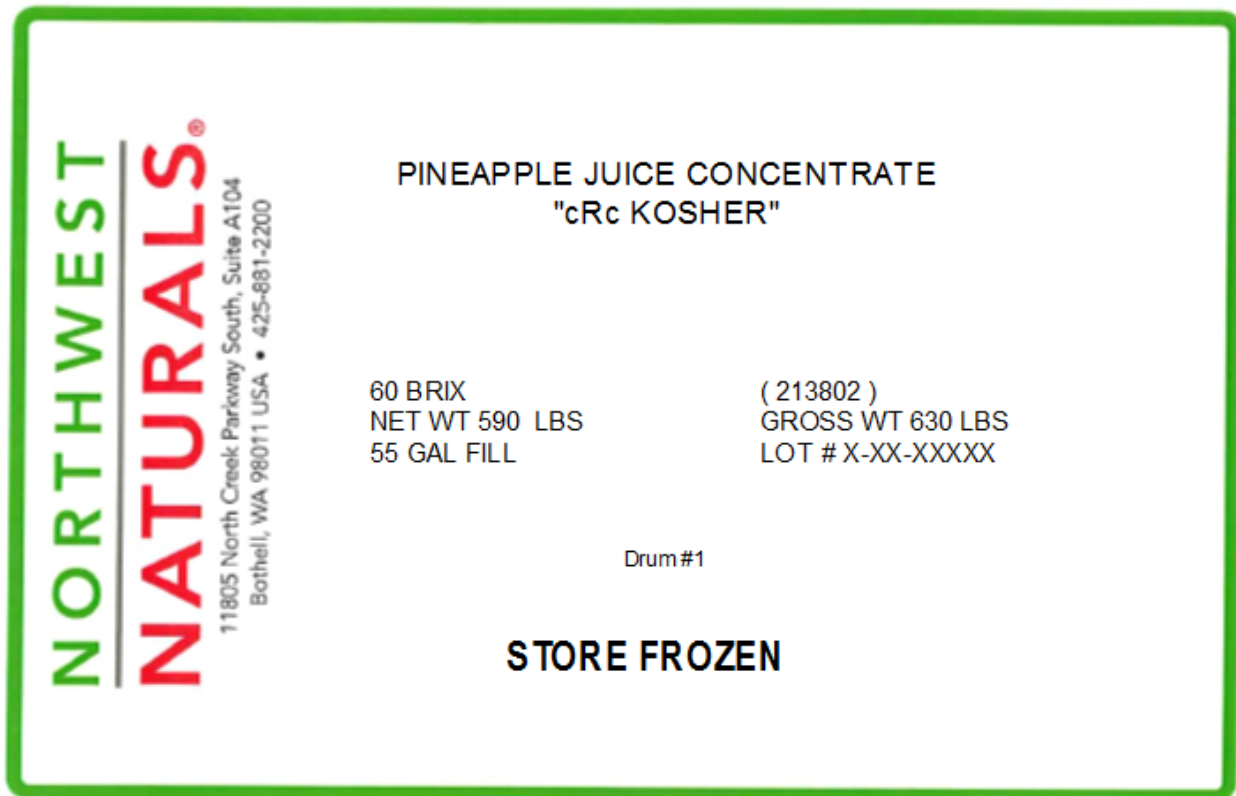
**Reconstitution for 100% Juice** 1 part concentrate + 4.75 parts water to 12.8°

**Nutrition**

<b>Amount/100g</b>	
<b>Calories</b>	<b>247</b>
<b>Fat</b>	<b>0 g</b>
<b>Potassium</b>	<b>667 mg</b>
<b>Carbohydrate</b>	<b>60 g</b>
<b>Dietary Fiber</b>	<b>1.2 g</b>
<b>Protein</b>	<b>1.5 g</b>
<b>Calcium</b>	<b>74 mg</b>
<b>Sugar</b>	<b>53 g</b>
<b>Sodium</b>	<b>41 mg</b>
<b>Iron</b>	<b>1.5 mg</b>

\*values not listed are zero

**Label Example**



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

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**Approvals/Modifications**

<u>Date</u>	<u>Person(s)</u>	<u>Changes made</u>
4/26/16	Alex Velte	Created
2/17/17	Courtney Doolin-Lusk	Verified Nutritional panel
3/31/17	Jennifer Elling	Modified storage, packaging and added shelf life
10/16/17	Jennifer Elling	Modified pH, pulp %
10/4/19	Jennifer Elling	Updated packaging

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