

	Title:	221560 CRANBERRY JUICE CONCENTRATE WONF	Scope	Global	
	By		Alex Velte	Origination	Operations
				Issued	10/30/18
			Supersedes	6/8/17	

Customer Product Specification

Cranberry Juice Concentrate WONF is a blend of fruit juice concentrates and natural flavors formulated to match the color and flavor characteristics of Cranberry juice concentrate. All shipments will meet the following specifications.

Brix 65° +/- 1° Brix

pH 2.5 - 3.0

Titrateable Acidity

2.6 - 3.4% wt/vol. as citric at 11.8°

13.6 - 17.8% wt/wt as citric at 65°

Clarity 50% T minimum at 625nm at 11.8°

Color 0.25 – 0.30 abs at 520nm at 11.8°

Flavor Typical of Cranberry

Microbiological

TPC 2000 cfu/ml, maximum

Yeast 1000 cfu/ml, maximum

Mold 50 cfu/ml, maximum

Ingredients Pear, Apple, Grape Juice Concentrates, Citric Acid, Clarified Pineapple Juice Concentrate, Water, Elderberry, Plum and Cranberry Juice Concentrates, Grape Skin Extract, Natural Flavor and Tannic Acid.

Allergens SO2 at less than 25 ppm

Packaging 55 gallon closed top poly drums, or as specified

Storage Recommend 0° F for shipping and storage

Shelf Life One year if stored frozen

Reconstitution 1 part concentrate + 5.93 parts water to 11.8° is 75% Juice

Revised by	Courtney Doolin-Lusk	Page 1 of 3	G	221560
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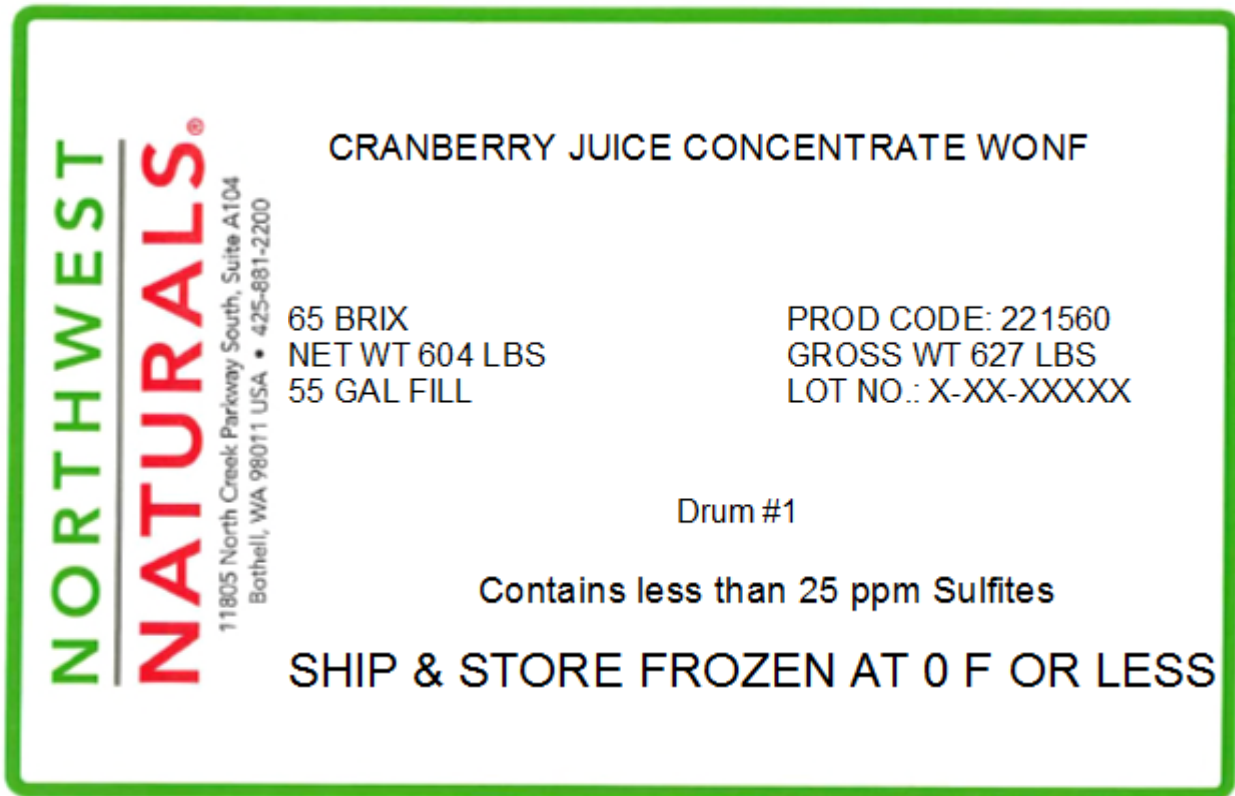
NORTHWEST NATURALS®	Title:	221560 CRANBERRY JUICE CONCENTRATE WONF	Scope	Global
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Nutrition

	Amount/100g
Calories	245
Fat	0.1 g
Carbohydrate	64 g
Dietary Fiber	0.3 g
Sugar	46.5 g
Protein	1.0 g
Sodium	19 mg
Calcium	48 mg
Iron	1.0 mg
Potassium	438 mg
Vitamin A	1.1 mcg (RAE)
Vitamin C	2.2 mg


*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
1/10/17	Jennifer Elling	Updated % juice and ingredient listing
6/8/17	Courtney Doolin-Lusk	Nutritional panel updated
10/30/18	Courtney Doolin-Lusk	Update for SO2

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