	Title:	220649 BLUEBERRY JUICE CONCENTRATE WONF	Scope	Global	
	By		Alex Velte	Origination	Operations
				Issued	4/8/19
			Supersedes	3/28/19	

Customer Product Specification

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

Brix 65° +/- 1° Brix

Wt/Gal 10.977 #/gal

pH 2.9 - 3.6

Titrateable Acidity

0.75 - 0.85% wt/vol as citric at 12°

3.9 – 4.4% wt/wt as citric at 65°

Color 0.20 min abs at 520nm at 12°

1.3 min ratio at 520/430nm

Flavor Typical of Blueberry

Foreign Materials None

Microbiological

TPC 2000 cfu/ml, maximum

Yeast 1000 cfu/ml, maximum

Mold 50 cfu/ml, maximum

Ingredients Apple, Pear, and Clarified Pineapple Juice Concentrates, Water, Elderberry, and Blueberry Juice Concentrates, Citric Acid, and Natural Flavors

Packaging 52 gallon open top metal drums, or as specified

Storage Recommend 0° F maximum for shipping and storage.

Shelf Life 1 year, if unopened and kept frozen

Regulation

Kosher

Chicago Rabbinical Council



Reconstitution To 100% Juice 1 part concentrate + 5.81 parts water to 12°

Approved Sample # 75244

Revised by	Courtney Doolin-Lusk	Page 1 of 3	G	220649
<p><i>Property of Northwest Naturals LLC</i></p> <p><i>This document is confidential. Unauthorized duplication or distribution without written permission is prohibited. All paper copies are uncontrolled.</i></p>				

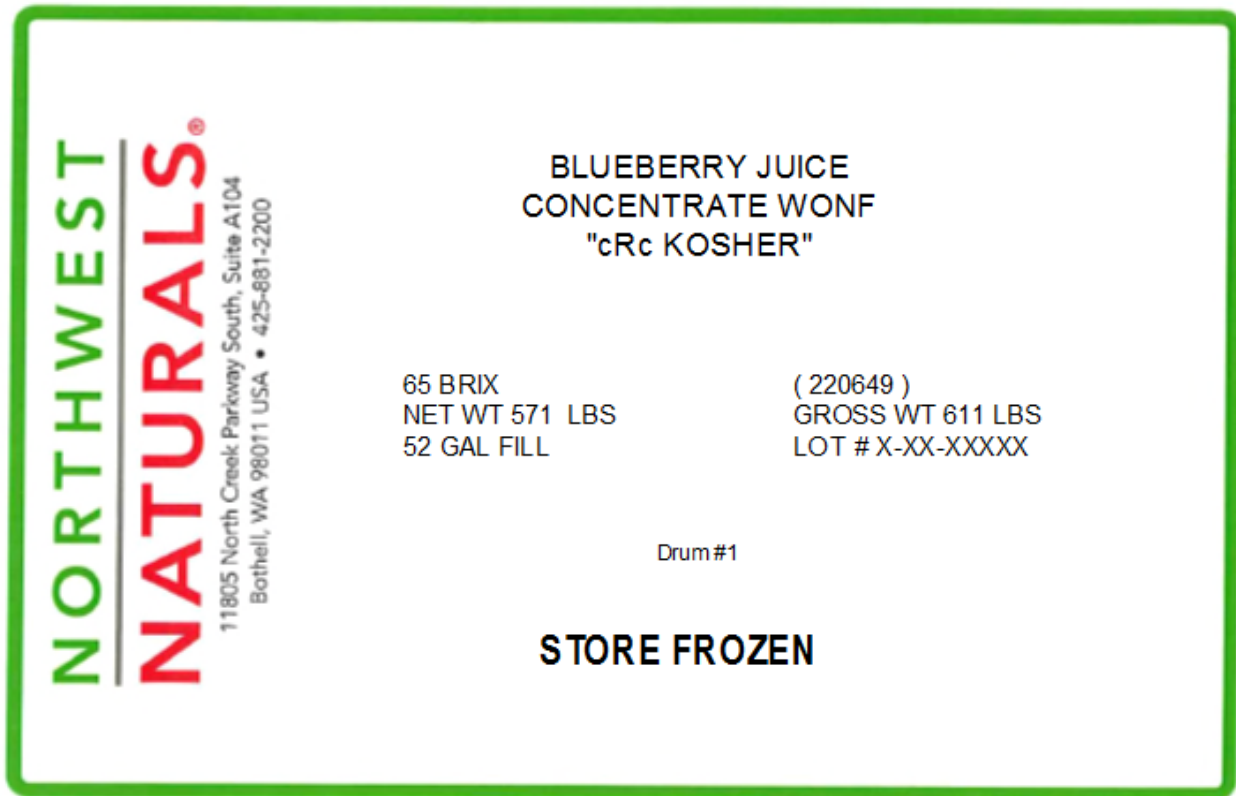
NORTHWEST NATURALS®	Title:	220649 BLUEBERRY JUICE CONCENTRATE WONF	Scope	Global
			Origination	Operations
			Issued	4/8/19
	By	Alex Velte	Supersedes	3/28/19

Nutrition

	Amount/100g
Calories	248
Fat	0 g
Carbohydrate	61 g
Dietary Fiber	0.5 g
Protein	1.2 g
Calcium	65 mg
Sugar	52 g
Sodium	24 mg
Vitamin C	2 mg
Vitamin A	1.4 mcg RAE
Potassium	581 mg
Iron	1.1 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."

Revised by	Courtney Doolin-Lusk	Page 2 of 3	G	220649
<p><i>Property of Northwest Naturals LLC</i></p> <p><i>This document is confidential. Unauthorized duplication or distribution without written permission is prohibited. All paper copies are uncontrolled.</i></p>				

	Title:	220649 BLUEBERRY JUICE CONCENTRATE WONF	Scope	Global	
	By		Alex Velte	Origination	Operations
				Issued	4/8/19
			Supersedes	3/28/19	

Approvals/Modifications

<u>Date</u>	<u>Person(s)</u>	<u>Changes made</u>
4/26/16	Alex Velte	Created
3/28/19	Jennifer Elling	Added shelf life, sample number and increased acid range
4/8/19	Courtney Doolin-Lusk	Updated nutritional panel and ingredient listing

Revised by	Courtney Doolin-Lusk	Page 3 of 3	G	220649
<p><i>Property of Northwest Naturals LLC</i></p> <p><i>This document is confidential. Unauthorized duplication or distribution without written permission is prohibited. All paper copies are uncontrolled.</i></p>				