	Title:	221101 DARK SWEET CHERRY JUICE CONCENTRATE WONF	Scope	Global
			Origination	Operations
			Issued	11/1/18
	By	Alex Velte	Supersedes	10/11/18

Customer Product Specification

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

Brix 68° +/- 1° Brix

pH 3.2 – 3.8

Titrateable Acidity

0.56 – 0.60% wt/vol as malic at 19°

1.9 - 2.0% wt/wt as malic at 68°

Color 0.17 – 0.20 abs at 520nm at 19°

1.1 min ratio at 520/430nm

Flavor Typical of Dark Sweet Cherry

Foreign Materials None

Allergens Naturally occurring SO2 at less than 25 ppm

Microbiological

TPC 2000 cfu/ml, maximum

Yeast 1000 cfu/ml, maximum

Mold 50 cfu/ml, maximum

Ingredients Apple, Pear, Grape, and Clarified Pineapple Juice Concentrates, Grape Skin Extract, DS Cherry, and Plum Juice Concentrate, Water, Malic Acid, and Natural Flavor.

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

Reconstitution To 100% Juice 1 part concentrate + 5.54 parts water to 13.2°

TTB # 3

Revised by	Courtney Doolin-Lusk	Page 1 of 3	G	221101
<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>				

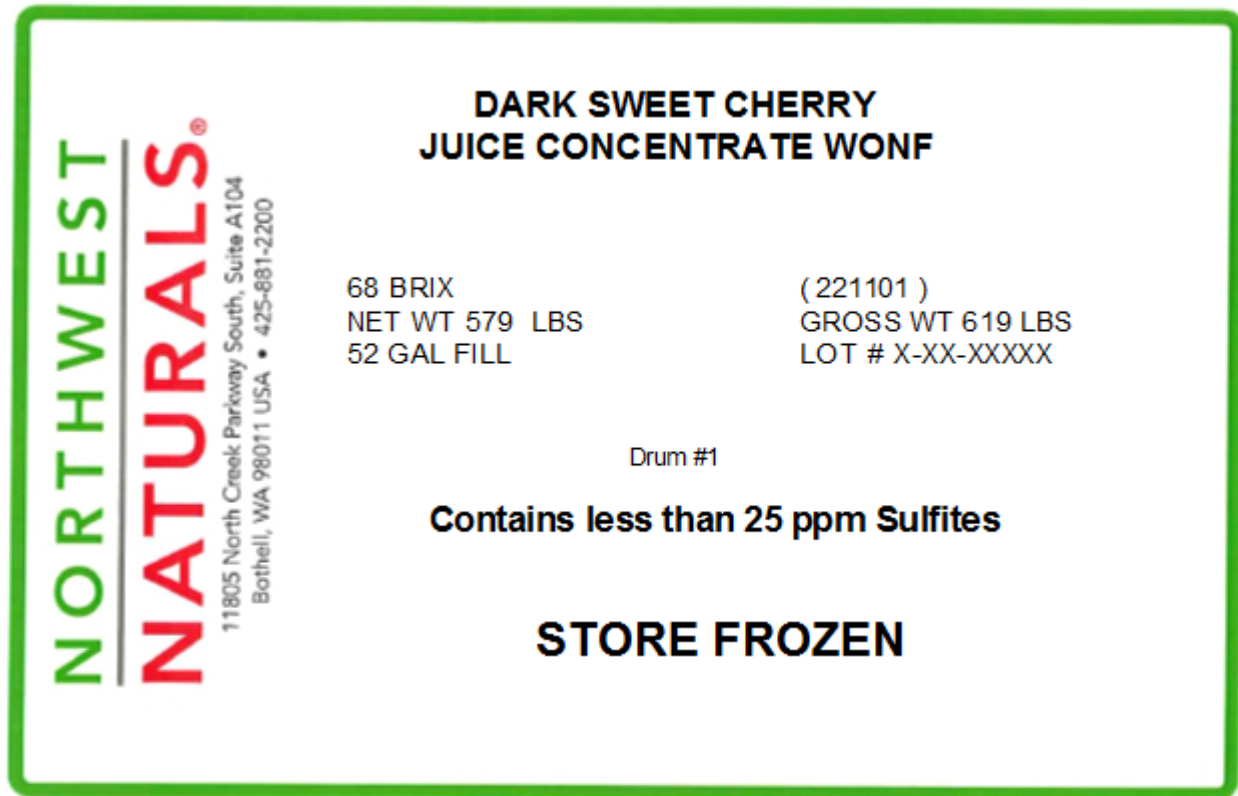
NORTHWEST NATURALS®	Title:	221101 DARK SWEET CHERRY JUICE CONCENTRATE WONF	Scope	Global
			Origination	Operations
			Issued	11/1/18
	By	Alex Velte	Supersedes	10/11/18

Nutrition

Amount/100g	
Calories	268
Fat	0.1 g
Carbohydrate	66 g
Dietary Fiber	0.3 g
Protein	0.8 g
Sugar	58 g
Sodium	25 mg
Potassium	545 mg
Vitamin C	2.4 mg
Vitamin A	1.3 mcg RAE
Calcium	54 mg
Iron	1.2 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."

Revised by	Courtney Doolin-Lusk	Page 2 of 3	G	221101
<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:	221101 DARK SWEET CHERRY JUICE CONCENTRATE WONF	Scope	Global
			Origination	Operations
			Issued	11/1/18
	By	Alex Velte	Supersedes	10/11/18

Approvals/Modifications

<u>Date</u>	<u>Person(s)</u>	<u>Changes made</u>
4/26/16	Alex Velte	Created
10/11/18	Jennifer Elling	Added shelf life and TTB #
11/1/18	Courtney Doolin-Lusk	Updated label and nutritional panel

Revised by	Courtney Doolin-Lusk	Page 3 of 3	G	221101
<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>				