

	Title:	211804 ELDERBERRY JUICE CONCENTRATE	Scope	Global
			Origination	Operations
			Issued	4/19/26
	By	Alex Velte	Supersedes	9/16/24

Customer Product Specification

Elderberry Juice Concentrate is processed from quality elderberries to retain the characteristic flavor and color of the whole fruit. All shipments will meet the following specification:

Brix 65° ± 1° brix

pH 3.2 – 4.5

Titrateable Acidity

0.53 – 1.3% wt./vol as citric at 11° brix
 3.0 – 7.4% wt./wt. as citric at 65° brix

Color 2.5 – 3.8 abs at 520 nm at 11° brix
 1.5 min ratio at 520/430 nm

Flavor Typical of elderberry

Foreign Materials None

Allergens None

Microbiological

TPC	2000 cfu/ml, maximum
Yeast	1000 cfu/ml, maximum
Mold	50 cfu/ml, maximum
Coliforms	<10 cfu/ml
E. Coli	<10 cfu/ml

Ingredients Elderberry Juice Concentrate

Packaging 52 gallon open top metal drums, or as specified

Storage 0°F maximum for storage and shipping recommended

Shelf Life 1 year, if unopened and stored frozen

Regulation

Kosher
 Chicago Rabbinical Council



Revised by	Chelsie Ehasz	Page 1 of 3	G	211804
<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:	211804 ELDERBERRY JUICE CONCENTRATE	Scope	Global
			Origination	Operations
			Issued	4/19/26
	By	Alex Velte	Supersedes	9/16/24

Prop 65 To the best of our knowledge, this concentrate does not contain any chemicals listed on California's Prop 65 List. It is the Customer's responsibility to determine the Prop 65 compliance of any product you produce using this ingredient.

Vegan/Vegetarian This product is suitable for vegan/vegetarian consumption.


Reconstitution for 100% Juice 1 part concentrate + 6.46 parts water to 11° brix

Nutrition

	Amount/100g
Calories	225
Protein	5 g
Carbohydrate	56 g
Sugar	40 g
Dietary Fiber	0.7 g
Fat	0.1 g
Sodium	21 mg
Calcium	80 mg
Iron	2 mg
Potassium	1650 mg

*Values not listed are zero

Revised by	Chelsie Ehasz	Page 2 of 3	G	211804
<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:	211804	Scope	Global
		ELDERBERRY JUICE CONCENTRATE	Origination	Operations
			Issued	4/19/26
	By	Alex Velte	Supersedes	9/16/24

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."

Approvals/Modifications

<u>Date</u>	<u>Person(s)</u>	<u>Changes made</u>
4/26/16	Alex Velte	Created
7/3/17	Courtney Doolin-Lusk	Updated the nutritional panel
12/10/21	Courtney Doolin-Lusk	Updated the nutritional panel
6/7/22	Jennifer Elling	Modified color range, added shelf life
9/16/24	Kira Vance	Modified color, pH, TA, nut. panel, and formatting
4/19/26	Chelsie Ehasz	Consolidated specifications, removed purple

Revised by	Chelsie Ehasz	Page 3 of 3	G	211804
<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>				