	Title:	213401 ORANGE JUICE CONCENTRATE	Scope	Global
			Origination	Operations
			Issued	11/27/17
	By	Alex Velte	Supersedes	4/26/16

Customer Product Specification

Orange Juice Concentrate is a homogenized concentrate processed from quality oranges to retain the characteristic flavor and color of the whole fruit. All shipments will meet the following specifications.

Brix 60 - 66° Brix (Acid Corrected)

pH 3.4 - 4.1

Brix / Acid Ratio 15.0 to 21.0

Color Hazy orange

Pulp Content 12% maximum at 11.8°

Flavor Good Orange Flavor, free of off flavors.

Foreign Materials None

Microbiological

TPC 2000 cfu/ml, maximum
 Yeast 1000 cfu/ml, maximum
 Mold 50 cfu/ml, maximum

Ingredients Orange Juice Concentrate

Packaging 52 gallon open top metal drums, or as specified

Additives None

Storage Recommend 0°F for shipping and storage

Shelf Life 1 year, if kept unopened and frozen

Regulation

Kosher
 Chicago Rabbinical Council



Reconstitution for 100% Juice 1 part concentrate at 65 Brix + 5.9 parts water to 11.8°

Revised by	Courtney Doolin-Lusk	Page 1 of 3	G	213401
<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:	213401 ORANGE JUICE CONCENTRATE	Scope	Global
			Origination	Operations
			Issued	11/27/17
	By	Alex Velte	Supersedes	4/26/16

Nutrition

	Amount/100g
Calories	240
Fat	0.3 g
Carbohydrate	58 g
Protein	3.6 g
Calcium	48 mg
Sugar	56 g
Sodium	4.5 mg
Vitamin C	208 mg
Vitamin A	573 IU
Potassium	1019 mg
Iron	0.5 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	213401
<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:	213401 ORANGE JUICE CONCENTRATE	Scope	Global	
	By		Alex Velte	Origination	Operations
				Issued	11/27/17
			Supersedes	4/26/16	

Approvals/Modifications

<u>Date</u>	<u>Person(s)</u>	<u>Changes made</u>
4/26/16	Alex Velte	Created
10/4/17	Jennifer Elling	Modified Brix & B/A
11/27/17	Courtney Doolin-Lusk	Updated nutritional panel and released

Revised by	Courtney Doolin-Lusk	Page 3 of 3	G	213401
<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>				