
	Section Title	SPEC SHEET GRADE A VERY DARK ORGANIC PURE MAPLE SYRUP	2388 40th Street Cumberland, WI 54829
	Product Information		Date of Revision
	Document # FSP 2.13.1		
		Food Safety Plan Manual	02/18/2019

General Product Information:


Description:	Organic Grade A Very Dark Pure Maple Syrup (formerly Grade B)
Ingredients	Pure Organic Maple Syrup
Country of origin	United States of America
Allergens	None
GMO status	None
Physical properties	Color: Dark brown viscous liquid with “good uniform color, good flavor and odor. It is free from cloudiness, turbidity, sediment and is clean” (from USDA Agricultural MS grading regulations) Flavor: Very strong maple flavor Light Transmission: <35.0°Tc
Method of Storage and Distribution:	Sealed bottles can be stored at ambient (about 60°F – 75°F) temperatures. Refrigerate after opening (40-45°F).
Shelf-life:	3 years after packaging in glass 2 years after packing in plastic
Traceability information:	Expiration Date Stamp and Lot Code on each bottle. Corresponding Lot Code stamped on each case.

Technical Product Information:

Chemical properties	Pure maple syrup consists primarily of sugars—90 to 100% sucrose and 0 to 10% glucose. Other chemical components of maple syrup include amino acids, proteins, organic acids and trace levels of vitamins. A large amount of mineral material has been found dissolved in maple syrup with potassium and calcium being the most prevalent.																																												
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	<i>North American Maple Syrup Producers Manual, 2nd ed.; Bulletin 856, The Ohio State University Agricultural Extension, Columbus, Ohio, 2006: Appendix 2.</i> <i>Perkins, Van den Berg (2009). Maple Syrup-Production, Composition, Chemistry and Sensory Characteristics. Advances in Food and Nutrition Research, Vol 56.</i>																																												
Micro-biological properties	Yeasts (CFU/g) <5 Molds (CFU/g) <5 Aerobic mesophilic bacteria (CFU/g) <150 Bacillus cereus (CFU/g) <25 Total Coliforms (CFU/g) <10 Clostridium spp (CFU/g) not detected Staphylococcus aureus (CFU/g) <10 <i>General Characteristics of Pure Maple Syrup</i> <i>Source: Federation des producteurs acericoles du Quebec (Industry Sheet 2014)</i> http://mapleproductsfromquebec.com																																												

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Nutrition	Proximates & Others	Value per 100g (unrounded)	Value per 39.78 g (30ml) serving size (Nutritional Facts)	Sources: <u>USDA Food Composition Databases</u> (https://ndb.nal.usda.gov/ndb/search/list), <u>USDA National Nutrient Database for Standard Reference 28</u> slightly revised May 2016 Software v.2.6.1 & <u>Canadian Nutrient File (CNF)</u> , https://food-nutrition.canada.ca/cnf-fce/index-eng.jsp Canadian Nutrient File, 2015	
	Calories	270.00	110		
	Carbohydrates (g)	66.89	27g, 10%		
	Total Fiber (g)	0	0, 0%		
	Total Sugars (g)	59.92	24 g, 48%		
	Total Fat (g)	0.035	0g, 0%		
	Saturated Fat (g)	0.007	0g, 0%		
	Monounsaturated Fat (g)	0.011	0g, 0%		
	Polyunsaturated Fat (g)	0.017	0g, 0%		
	Trans Fat (g)	0	0g, 0%		
	Protein (g)	0.04	0 g, 0%		
	Water/Moisture (g)	32.15	12.79		
	Cholesterol (mg)	0	0		
	Ash (g)	0.71	0.28		
		Vitamins & Minerals	Value per 100g (unrounded)		Value per 39.78 g (30ml) serving size (Nutritional Fact)
		Sodium (mg)	12 mg		5 mg, 0%
		Vitamin D (mg)	0 mg		0 mg, 0%
		Calcium (mg)	73 mg		29 mg, 2%
		Iron (mg)	0.11mg		0 mg, 0%
		Potassium (mg)	225 mg		90 mg, 2%
	Thiamine B1 (mg)	0.066 mg	0.026 mg, 2%		
	Riboflavin B2 (mg)	1.27 mg	0.51 mg, 40%		
	Niacin B3 (mg)	0.081 mg	0 mg, 0%		
	Folate (mg)	0 mg	0 mg		
	Folic Acid (mg)	0 mg	0 mg		
	Vitamin A (mg)	0 mg	0 mg		
	Vitamin C (mg)	0 mg	0 mg, 0%		
	Total Sugar Alcohols (g)	0 g	0 g, 0%		
	Zinc (mg)	1.47 mg	0.5 mg, 5%		
	Manganese (mg)	2.9 mg	1.16 mg, 50%		
Preservative:	NONE				
Brix Density:	67±1 at 68°F				
Water activity:	0.87-0.88				
pH:	5 – 6.5%				

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HISTORY OF CHANGES:

Revision Date:	Nature of Change:	Approved/Verified By
02/18/2019	<ul style="list-style-type: none"> Updated nutritional information 	ca
01/24/2019	<ul style="list-style-type: none"> Added 5 fl. oz to serving size; format edits 	ca
07/18/2018	<ul style="list-style-type: none"> New SOP Format 	ca