

	<b>Title:</b>	<b>Specification – Hemp Granola - Chocolate</b>	Document #:	<b>SPEC-041</b>
	Location:	Fresh Hemp Foods : Winnipeg	Doc Phase:	Approved
	Approved by:	Ashley Linden	Revision:	5
	Revised by:	Courtney Conroy	Effective Date:	31-Jan-2020

PRODUCT DESCRIPTION	
Description	This chocolate flavored granola contains organic rolled oats and organic shelled hemp seeds as primary ingredients and contains both melted chocolate and chocolate pieces. This product was made in Canada with domestic and imported ingredients.
Flavour & Odour	Sweet and nutty, with hemp and chocolate flavours. Cereal aroma with traces of chocolate.
Color & Appearance	Toasted brown granola clusters with pieces of chocolate. Granola clusters with chocolate pieces.
Ingredients	Whole grain rolled oats*, Sugars* (raw cane sugar invert syrup*, tapioca syrup*, cane sugar*), Shelled hemp seeds*, Brown rice crisps*, Chocolate* (cane sugar*, unsweetened chocolate*, cocoa butter*, soy lecithin*, natural vanilla extract*), Pumpkin seeds*, Extra virgin coconut oil*, Pea protein crisps* (pea protein*, rice starch*), Pea protein concentrate*, Hemp protein powder* (hemp protein concentrate*, natural plant extracts), Coconut flakes*, Oat flour*, Cane sugar*, Natural chocolate flavour with other natural flavours, Cocoa Powder*, Chia seeds*, Puffed quinoa*, salt, Vanilla flavor with other natural flavours*. *Organic
Shelf-life	12 months from the date of manufacture when stored in original packaging
Storage	Keep stored in a cool, dry place at ambient temperature. Keep away from heat or light. Humidity between 30-50%.
Certifications	<b>Organic</b> status: this product is certified organic by Ecocert Canada. <b>Kosher</b> status: this product is certified OU Dairy. <b>Non-GMO</b> status: this product is Non-GMO Project Verified.
Allergen statement	<b>Allergen:</b> Contains: Wheat, Soy, Oats. May Contain: Mustard, Sesame. Made in a facility that also handles tree nuts and milk.

PRODUCT SPECIFICATION		
TEST	SPECIFICATION	METHOD
<b>MICROBIAL QUALITY</b>		
Standard Plate Count	≤ 100,000 cfu/g	AOAC 990.12
Coliforms	≤ 500 cfu/g	AOAC 991.14
<i>E. coli</i>	<10 cfu/g	AOAC 991.14
<i>E. coli</i> 0157:H7	Negative	MFLP-30 or MFHPB-10 *
<i>Salmonella</i>	Negative	MFLP-29 *
Yeast & Mold	≤4000 cfu/g	AOAC 2014.05
<b>CHEMICAL &amp; ELEMENTAL IMPURITIES</b>		
Pesticides	All contracted hemp seed growers are obliged by contract to grow all hemp seed crops without the use of in-crop pesticides.	
Residual Solvents	All hemp and hemp derived products are processed without the use of solvents.	
Heavy Metals	Cadmium < 0.5 ppm Lead < 0.5 ppm Arsenic < 1.5 ppm Mercury < 1.5 ppm	ICP-MS * (limits based on USP)
Mycotoxins	< 20 ppb	Elisa or LCMSMS *
THC	< 4 ppm on dry weight basis	GC-MS *
Gluten	< 20 ppm	ELISA
Moisture	≤ 6%	moisture meter

\* Tested at an ISO/IEC 17025:2005 accredited 3<sup>rd</sup> party Laboratory



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*\*\* Nutritional profile and Fatty Acid Profile are based on typical test results, not a complete list of all fatty acids or amino acids. These are average values and should be used only to approximate the nutritional composition of any food formulations*

NUTRITIONAL PER 100 GRAMS **		NUTRITIONAL PER 100 GRAMS **	
Nutrients	Per 100g	Nutrients	Per 100g
<b>BASIC COMPONENTS</b>		<b>Vitamins</b>	
Calories (kcal)	438.27	Vitamin A – RAE (mcg)	2.74
Protein (g)	17.36	Beta-Carotene (mcg)	0
Carbohydrates (g)	50.18	Vitamin B1 (mg)	0.24
Dietary Fiber (g)	5.66	Vitamin B2 (mg)	0.10
Soluble Fiber (g)	0.17	Vitamin B3 (mg)	0.66
Total Sugars (g)	18.75	Vitamin B6 (mg)	0.18
Added Sugar (g)	14.5	Vitamin B12 (µg)	0.00
Fat (g)	19.89	Biotin (mcg)	-
Saturated Fat (g)	9.88	Vitamin C (mg)	0.16
Mono Fat (g)	2.65	Vitamin D (mcg)	0
Poly Fat (g)	4.84	Vitamin E – Alpha-tocopherol (mg)	0.50
Omega 3 Polyunsaturated fatty acids (g)	0.72	Folate (mcg)	26.79
Omega 6 Polyunsaturated fatty acids (g)	2.38	Folate, DFE (mcg DFE)	26.79
Omega 9 fatty acids (g)	2.65	Pantothenic acid (mg)	0.08
Trans Fatty Acid (g)	0	Vitamin K (mcg)	0.97
Cholesterol (mg)	0	<b>Minerals</b>	
Other Nutrients		Calcium (mg)	55.13
Sugar Alcohol (g)	0	Copper (mg)	0.42
		Chromium (mg)	-
		Iron (mg)	4.69
		Phosphorus (mg)	367.38
		Magnesium (mg)	140.04
		Manganese (mg)	2.41
		Molybdenum (mcg)	2.60
		Potassium (mg)	387.00
		Selenium (mcg)	10.55
		Sodium (mg)	243.26
		Zinc (mg)	2.56
		Choline (mg)	10.52