

PRODUCT SPECIFICATIONS
TOASTED WHOLE HEMPSEED



General							Food Safety Certifications
Product Name	Agricultural Species	Country of Origin	Non-GMO Certified	Kosher	Halal	Organic	
Toasted Whole Hempseed	<i>Cannabis sativa</i> L.	Canada and USA	Non-GMO Project Verified	OU Kosher Certified	Halal Certified	Certified Organic: Canada Organic Regime, USDA National Organic Program, European EEC Reg. 834/07 & 889/08	FSSC 22000

Declarations						
Facility	Irradiated	Best If Used By Date	Grain Purity	Applications	Storage Conditions	
Nut, dairy and gluten free.	Product is not irradiated	18 Months from the date of manufacturing.	Hempseed cleaned to 99.95%	Edible ingredient for baking, brewing, blends for mixes, ground butters or non-dairy beverages, snacks or as a topping	Maintain in a cool dry environment away from oxidation, heat or sunlight. Humidity 30-50% at 59-64°F.	

Product Description and Variations
Crunchy, nutty and toasted flavour. Kernels are mottled brown in colour. This product is made from hempseed grain which is an agricultural product; therefore, some batch variation may occur in: colour, flavour, odour, appearance or composition, reflecting growing and seasonal variations.

Nutritional Facts	
servings per container	
Serving size	100 g
Amount per serving	
Calories	520
% Daily Value*	
Total Fat 31g	40%
Saturated Fat 4g	20%
Trans Fat 0g	
Polysaturated Fat 22g	
Monounsaturated Fat 4g	
Cholesterol 0mg	0%
Sodium 0mg	0%
Total Carbohydrate 35g	13%
Dietary Fiber 31g	111%
Total Sugars 2g	
Includes 0g Added Sugars	0%
Protein 25g	
Vitamin D 0mcg	0%
Calcium 112mg	8%
Iron 12mg	70%
Potassium 720mg	15%
Thiamin 0.6mg	50%
Riboflavin 0.2mg	15%
Niacin 5mg	30%
Vitamin B ₆ 0.5mg	30%
Folate 142mcg DFE	35%
Phosphorus 830mg	70%
Magnesium 423mg	100%
Zinc 6mg	50%
Copper 1.3mg	140%
Manganese 9.9mg	430%
*The % Daily Value tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.	
Calories per gram: Fat 9 • Carbohydrate 4 • Protein 4	

Fatty Acids Analysis Per 100g	Weight (g) per 100g	Percent (%) Of total fat
Linoleic acid (LA) (Omega 6)	18.6	53.76
Alpha linolenic acid (ALA) (Omega 3)	5.2	15.03
Oleic acid (Omega 9)	4.1	11.85
Palmitic acid	2.6	7.51
Stearic acid	1.2	3.47
Gamma linolenic acid (GLA) (Omega 6)	1.0	2.89
Arachidic acid	0.4	1.16
Stearidonic acid (SDA) (Omega 3)	0.3	0.87
Vaccenic acid	0.3	0.87
Nervonic acid	0.3	0.87
Behenic acid	0.2	0.58
C20 cis-11-eicosenoic	0.2	0.58
Lignoceric acid	0.2	0.58

- Nutritional Claims (per 3½ TBSP per FDA)**
- Low in Saturated fat
*Must declare the amount of total fat because the total amount of fat per RAAC is greater than 3g.
 - Cholesterol Free
 - Sodium Free
 - High Fiber
*Because this product is not low in total fat, if this claim is made, the label must disclose the level of fat per labeled serving
 - High Iron, Phosphorus, Magnesium, Zinc, Copper and Manganese
 - Good Source of:
 - Thiamin
 - Vitamin B6
 - Niacin
 - Folate

Ingredient Composition	
Ingredients	100% toasted hulled hempseed

General Analysis	
Beta-carotene	<20 IU/100g
Cholesterol	0mg
pH value	6.85

Tested Yearly	
Pesticides	
Mycotoxins	
Aflatoxin B ₁	
Aflatoxin B ₂	
Aflatoxin G ₁	
Aflatoxin G ₂	

Custom Classification	
HS Code	2008.19.9090

Product Packaging	
Packaging Unit	1 x 50lbs (22.7kgs) bag or 1 x 2,000lbs (907.2kgs) tote bag
Packaging Type	Food grade heat sealed or sewn bags or Poly lined totes
Packaging Measurement	52" (L) x 44" (W) x 59" (H) or 48" (L) x 44" (W) x 72" (H)
Packaging Units per Pallet	40 x 50lbs bags or 1 x 2,000lbs
Pallet Type and Size	Food grade pressure treated 48" (L) x 42" (W)

Amino Acids per 100g	Weight (g)
Glutamic acid	3.16
Aspartic acid	2.01
Arginine	1.93
Leucine	1.26
Valine	1.03
Serine	0.93
Alanine	0.90
Glycine	0.89
Phenylalanine	0.88
Proline	0.76
Threonine	0.76
Isoleucine	0.71
Lysine	0.69
Cystine	0.59
Tyrosine	0.50
Histidine	0.49
Methionine	0.49
Tryptophan	0.22

Certificate of Analysis Criteria per 100g	
Aerobic Plate Count	<300,000 CFU/g
Total Coliforms	<1,000 CFU/g
<i>Escherichia coli</i>	None detected at <10 CFU/g
<i>Salmonella</i>	Negative in 2 x 375g
<i>Staphylococcus aureus</i>	<25 CFU/g
<i>Clostridium perfringens</i>	<5 CFU/g
<i>Listeria monocytogenes</i>	Negative in 1 x 25g
Yeast & Mould Combined	<1,000 CFU/g
Gluten	<20 ppm
Moisture	1-5%
Protein	22-28%
Fat	31-42%
Crude Ash	3-7%
Calories	500-600 Cal/100g
Carbohydrates	25-37%
Delta-9 tetrahydrocannabinol	<10 ppm
Free Fatty Acids	0-2% expr. as Oleic acid
Peroxide Value	0-5 meq/kg
Arsenic	≤0.33 ppm
Cadmium	≤0.1 ppm
Lead	≤0.1 ppm
Mercury	≤0.05 ppm



Date of Revision: 18-Jul-2022