



Hemp Ingredients Product Specifications

Hemp, at a better price
to our partners - and to
our planet.

- ↳ Hemp Protein
- ↳ Hulled Hemp Seeds
- ↳ Cold Pressed Hemp Seed Oil
- ↳ Refined Hemp Seed Oil



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HEMP VENTURES

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A BETTER WORLD FUELLED BY HEMP

100% Canadian Hemp Protein Powder

(50% Protein Powder by Weight)

Hemp Protein Powder is made from hemp seed cake and is an excellent source of plant-based protein. This complete protein is packed with antioxidants, minerals, fibre, and heart-healthy unsaturated fats. Our hemp protein is made from the whole hemp seed - a little bit like wholewheat for extra nutrients and fibre with a light nutty sensory profile.

Used in plant-based dairy formulations, nutritional drink powders, protein bars, meat analogues and many other applications.

Add a scoop to increase protein in recipes, blends, non-dairy beverages, smoothies, nutritional products and more.



Product Details

Product: 100% Canadian Hemp Powder (50% Protein Powder by Weight)

Grain Purity: 99.95%

Package options: 50 lb (22.7 kg) Bags, 2000 lb (907.2 kg) Tote Bags

Product of Canada - HS Code: 2306.90

Processing in accordance with food safety systems: PrimusGFS

Certifications:



Applications

Enhance the nutritional profile of your products with this locally sourced, planet-friendly, and versatile ingredient.

- Cereals, baking mixes, and breads
- Plant-based shakes and smoothies
- Chips & crackers
- Spreads and allergen-free butter
- Meat analogues



Storage

Maintain in a cool dry environment away from oxidation, heat or sunlight. Best before 18 months from the date of manufacturing.



Sensory Profile

Light green, brown finely milled powder with a slightly nutty flavour.

Geoffrey Wingfield

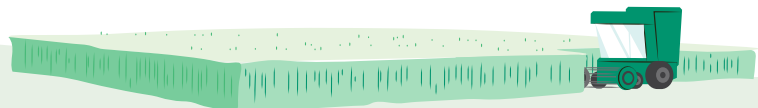
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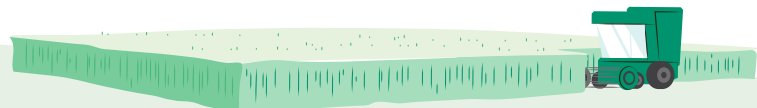
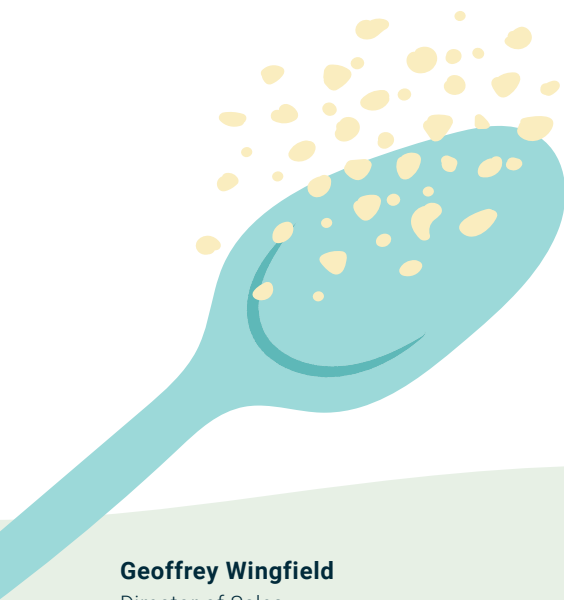


Product Specifications

Protein	≥45%
Aerobic Plate Count	≤300,000 cfu/g
Total Coliform	≤500 cfu/g
Escherichia coli	Negative at <10 cfu/g
Salmonella	Negative in 25g
Listeria	Negative in 25g
Staphylococcus aureus	Negative at <25 cfu/g
Yeast & Mold	≤1,000 cfu/g
Gluten	<20 ppm
Free Fatty Acids	0-2% expr. in Oleic Acid
Peroxide Value	0-8 meq O ₂ /kg
Total THC (ppm)	≤10 ppm
Total CBD (ppm)	≤10 ppm

Amino Acid Profile

Glutamic Acid	7.79
Arginine	5.53
Aspartic Acid	4.68
Leucine	2.99
Valine	2.27
Serine	2.06
Alanine	2.03
Phenylalanine	1.84
Glycine	2.00
Isoleucine	1.8
Proline	1.8
Tyrosine	1.51
Lysine	1.73
Cystine	1.28
Threonine	1.57
Histidine	1.21
Methionine	1.06
Tryptophan	.42



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De-hulled Hemp Seed

Hulled hemp seeds are one of the best sources of vegetable protein in the world. They're highly versatile, easily digestible and they taste delicious.

Hulled hemp seeds are the whole seeds after the crunchy outer shells have been removed. This removes the source of insoluble fibre, increases the protein level and decreases the carbohydrate content. It also makes them more tender to eat.

Product Details

Product: De-hulled Hemp Seed

Grain Purity: 99.95%

Package options: 25 lb, 50 lb (22.7 kg) bags, 2000 lb (907.2 kg) totes

Product of Canada - HS Code: 1207.99

Certifications:



Applications

An on-trend, health-forward ingredient used to boost dietary fibre and protein with added taste and texture. Great addition to:

- Baked goods and bread
- Cookies, bars, cereals, granola and snack mixes
- Nut-Free butter and spreads
- Hummus and pesto
- Smoothies
- Topper for salads, yogurts and more



Storage

Best before 18 months from the date of manufacturing.



Sensory Profile

Small seeds with little green specks and a light nutty flavour.

Geoffrey Wingfield

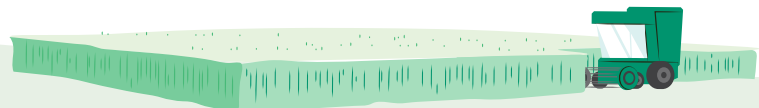
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Fatty Acid Profile

	Weight (g) Per 100 g	Percent (%) Total Fat
Linoleic Acid (LA)(Omega 6)	28.9	55.58
Alpha Linoleic Acid (ALA)	8.5	16.35
Oleic Acid (Omega 9)	6.5	12.5
Palmitic Acid	2.8	5.38
Gamma Linolenic Acid (GLA)	1.9	3.65
Stearic Acid	1.4	2.69
Stearidonic Acid (SDA)	.7	1.35
Arachidic Acid	.5	.96
Conjugated Linoleic Acid	.2	.38
C18: 1 Cis-Isomers	.2	.38
Behenic Acid	.2	.38
C20: Cis-11-Eicosenoic	.15	.29
Lignoceric Acid	.05	.10

Amino Acid Profile

Glutamic Acid	6.36
Arginine	4.63
Aspartic Acid	3.59
Leucine	2.28
Valine	1.75
Serine	1.54
Alanine	1.52
Phenylalanine	1.46
Glycine	1.45
Isoleucine	1.39
Proline	1.29
Tyrosine	1.24
Lysine	1.16
Cystine	1.17
Threonine	1.11
Histidine	0.99
Methionine	0.84
Tryptophan	0.38

Specifications

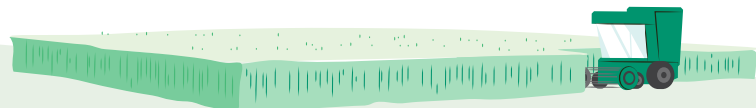
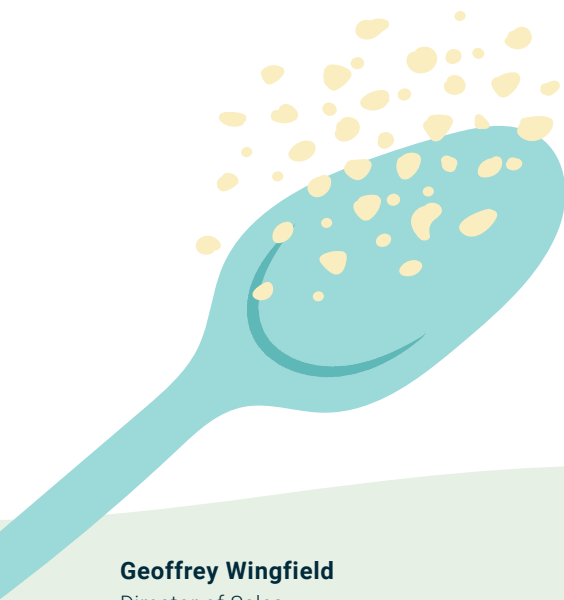
Aerobic Plate Count	<300,000 cfu/g
Total Coliform	<1,000 cfu/g
Escherichia coli	<10 cfu/g
Salmonella	Negative 25g
Staphylococcus aureus	Negative at <25
Yeast & Mold	<4,000 cfu/g
Gluten	<20 ppm
THC	<10 ppm
Moisture	4-9%
Protein	27-38%
Fat	38-54%



Nutrition Facts
Serving size 30 g
Calories 180
Total Fat 31g 21%
Sodium 0mg 0%
Total Carbohydrate 1g 0%
Protein 31g 62%



Vitamin D 0mg	0%
Calcium 20mg	2%
Iron 4mg	20%
Phosphorus 270mg	6%
Vitamin A 0mg	0%
Vitamin E 4mg	0%
Thiamin 0.4mg	30%
Niacin 0mg	20%
Folate 50mg DFE	10%
Phosphorus 40mg	40%
Magnesium 210mg	50%
Zinc 0mg	20%
Manganese 3.0mg	100%



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100% Canadian Cold Pressed Hemp Oil

Our cold-pressed hemp seed oil is similar to "virgin" oil, made by pressing the seeds at low temperatures to maintain the taste and nutritional profile of the seed., providing a natural source of important nutrients, fatty acids, terpenes, and proteins.

t's at home....

PEANUT FREE ♥ *GLUTEN-FREE*
KETO FRIENDLY

Product Details

Product: 100% Canadian Cold Pressed Hemp Oil

Grain Purity: 99.95%

Package options: 20 L jug, 200 L drum, 1000 L tote

Product of Canada - HS Code: 1515.90

Processing in accordance with food safety systems: PrimusGFS

Certifications:



Applications

Food Applications:

- Salad dressings and marinades
- Sauces, pestos, hummus and dips

Personal Care Applications:

- Emollient-rich, on-trend, 'clean ingredient'
- Non-comedogenic & fast absorbing
- It is also an ideal carrier oil in nutritional supplements



Storage

Maintain in a cool dry environment away from oxidation, heat or sunlight. Refrigerate after opening. Best before 18 months from the date of manufacturing.



Sensory Profile

Translucent, semi opaque, light green vegetable oil.

Geoffrey Wingfield

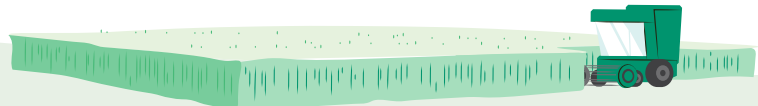
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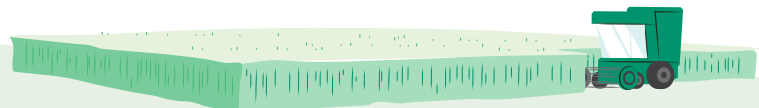
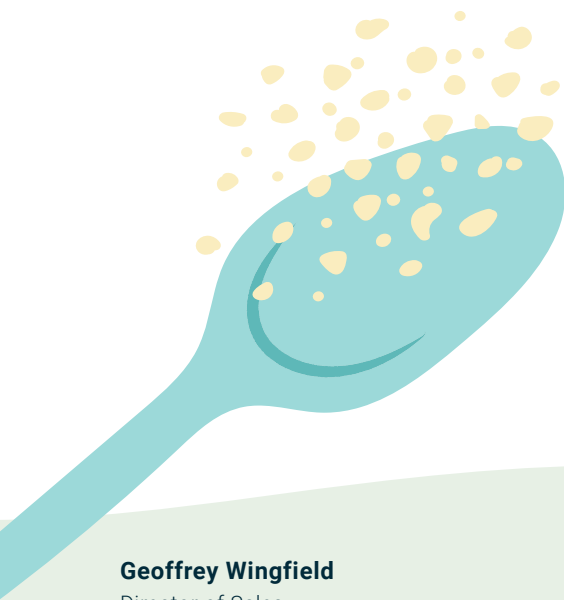
Fatty Acid Profile

Total Fat (%)

Linoleic Acid (LA)(Omega 6)	55.9
Alpha Linoleic Acid (ALA)	19.1
Oleic Acid (Omega 9)	9.3
Palmitic Acid	5.6
Gamma Linolenic Acid (GLA)	3.5
Stearic Acid	2.6
Stearidonic Acid (SDA (Ome-	1.4
Arachidic Acid	.8
Vaccenic Acid	.8
Behenic Acid	.4
Eicosenoic	.4
Lignoceric	.2

Specifications

Ash	0%
Beta-Carotene	>20 IU/100g
Calories	>800 cal
Carbohydrates	0%
Cholesterol	0 mg
Moisture	0%
Protein	0%
pH Value	6.14
Aerobic Plate Count	<100,000 cfu/g
Total Coliform	<100 cfu/g
Escherichia coli	<10 cfu/g
Salmonella	Negative in 25g
Staphylococcus aureus	Negative at <25 cfu/g
Yeast & Mold	<1,000 cfu/g
Gluten	<20 ppm
Free Fatty Acids	0-2% expr. in Oleic Acid
Peroxide Value	<10 meq/kg
Fat	96-100%
Tocopherol	826 µg/g
Y-Tocopherol	2766 µg/g
Phenolics	1886 mg/100g GEA



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100% Canadian Refined Hemp Seed Oil

All of the goodness, and wellness properties of cold-pressed hemp seed oil - but colourless and odorless. Our cold-pressed purified hemp seed oil is stable for cooking and is slightly less viscous than the cold-pressed oil. It's fantastic in dressings and lends itself particularly well for nutraceuticals as a fish oil substitute. It also makes an excellent carrier oil for a range of applications.

Product Details

Product: 100% Canadian Refined Hemp Seed Oil

Grain Purity: 99.95%

Package options: 20 L pail, 200 L drum

Product of Canada - HS Code: 1515.90

Processing in accordance with food safety systems: PrimusGFS

Certifications:



Applications

Food Applications:

- As a kitchen oil
- Cold for dressings, marinades
- For shallow frying (stable for cooking with a smoke point of 401 °F or 205 °C)
- Great for saturating granolas
- Use as a thickening agent,
- Pet food applications

Personal Care Applications:

Emollient rich with nutrients and omega fatty acids making it a popular ingredient for:

- Creams, serums, lotions, massage oil
- Hair care products
- As an effective treatment for eczema, psoriasis and mastalgia and more.



Storage

Maintain in a cool dry environment away from oxidation, heat or sunlight. Refrigerate after opening. Best before 18 months from the date of manufacturing.



Sensory Profile

Translucent, clear to amber hue vegetable oil that has little to no taste or odor.

Geoffrey Wingfield

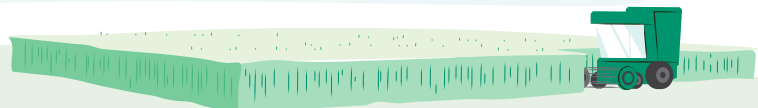
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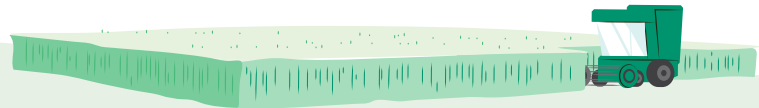
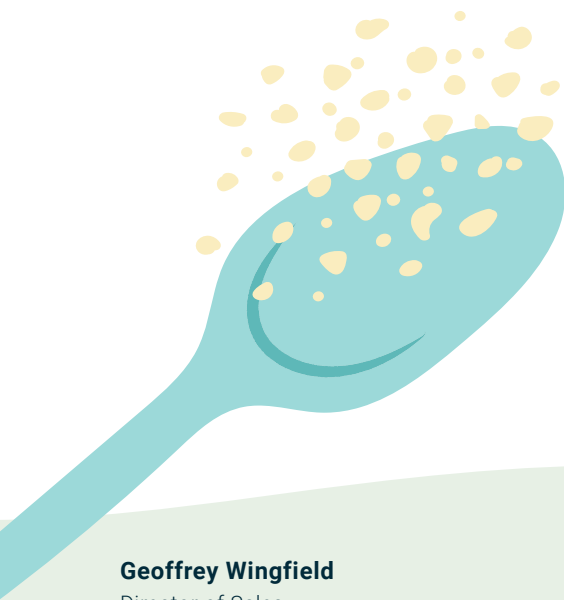


Fatty Acid Profile

	Total Fat (%)
Linoleic Acid (LA)(Omega 6)	50.31
Alpha Linoleic Acid (ALA)	17.19
Oleic Acid (Omega 9)	8.37
Palmitic Acid	5.04
Gamma Linolenic Acid (GLA)	3.15
Stearic Acid	2.34
Stearidonic Acid (SDA (Ome-	1.26
Arachidic Acid	≥ .72
Vaccenic Acid	≥ .72
Behenic Acid	≥ .36
Eicosenoic	≥ .36
Lignoceric	≥ .18

Specifications

Smoke Point	≥170°C
Refractive Index	1.470-1.482 @ 20°C
Unsaponifiables	≤2.5%
THC	<10 ppm
Cholesterol	0 mg
Moisture	<0.2%
Protein	0%
Aerobic Plate Count	<100,000 cfu/g
Total Coliform	<100 cfu/g
Escherichia coli	<10 cfu/g
Salmonella	Negative in 25g
Staphylococcus aureus	Negative at <25 cfu/g
Yeast & Mold	<1,000 cfu/g
Gluten	<20 ppm
Free Fatty Acids	≤0.5% expr. in Oleic Acid
Peroxide Value	<10 meq O ₂ /kg
Fat	96-100%
Tocopherol	200 ppm
CBD	<20 ppm



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