

# Hemp Flour

www.hempseedprotein.eu, www.hempseedoil.eu

# HempSeedOil.eu

All Hemp Bulk and Private Label Supply

Made in Canada	Intrastat: 2306.90.90
Colour & appearance	Light green, finely ground powder
Flavour & odour	Slight nutty flavour and odour
Purity	Seed cleaned to 99% purity
Food use	Raw, edible food ingredient to boost protein content
Packaging	25 kg bag, mini bulk tote bag, various private label containers
Shelf life	14 months from the date of manufacture in un-opened container
Storage	Keep stored in a dry place less <20 °C away from heat or sunlight. Humidity between 30-50%.
Accreditations	EU BIO/ORGANIC as bulk and private label KOSHER, HALAL as bulk

Quality aspects	
Moisture	5-11%
Standard Plate Count	< 250 000 cfu/g
Total Coliforms	< 500 cfu/g
Yeast & Mold	< 1000 cfu/g
E. coli	Negative (<10 cfu/g)
Salmonella	Negative in 25g
Free fatty acids	< 2% as Oleic Acid
Peroxide value	< 2 mmol O/kg
pH Value	6.41
β-carotene	54.7 IU/100g
Gluten	< 20 ppm
Allergens	Allergen free - as per 2003/89/EC, Annex III a)
Contaminants	As per 2006/1881/EC and 2011/835/EC
THC	< 5 mg/kg

Amino Acid Profile in % per 100 g			
Aspartic Acid	3.30	<b>Threonine</b>	<b>1.11</b>
Serine	1.60	Glutamic Acid	5.85
Proline	1.22	Glycine	1.42
Alanine	1.39	Cysteine	0.58
<b>Valine</b>	<b>1.58</b>	<b>Methionine</b>	<b>0.73</b>
<b>Isoleucine</b>	<b>1.24</b>	<b>Leucin</b>	<b>2.17</b>
Tyrosine	0.89	<b>Phenylalanine</b>	<b>1.50</b>
<b>Histidine</b>	<b>0.86</b>	<b>Lysine</b>	<b>1.19</b>
Arginine	3.63	<b>Tryptophan</b>	<b>0.29</b>
Protein Digestibility: 90%, PDCAAS: 0.48			

Nutrition declaration	unit	per 100 g	% of DRI* / 100 g	% of DRI* / 30 g serving
Energy	kCal/ kJ	303 /1256	15.2%	4.6%
Total Fat of which	g	9.0	12.9%	3.9%
-saturates	g	1.0	5.0%	1.5%
-mono-unsaturates	g	1.0		
-polyunsaturates of which	g	7.5		
Carbohydrate of which	g	2.0	0.8%	0.2%
-sugars	g	2.0	2.2%	0.7%
-starch	g	0.0		
Fibre of which	g	41.0	164.0%	49.2%
-soluble	g	2.0		
-insoluble	g	39.0		
Protein	g	33.0	66.0%	19.8%
Salt	g	0.02 <sup>++</sup>	0.3%	0.1%
Vitamin E (total T + T3)	mg	6.7	55.9%	16.8%
Vitamin B1 Thiamin	mg	0.9	81.8%	24.5%
Vitamin B2 Riboflavin	mg	0.3	21.4%	6.4%
Vitamin B3 Niacin	mg	5.0	31.3%	9.4%
Vitamin B6 Pyridoxin	mg	1.0	71.4%	21.4%
Vitamin B9 Folate	µg	150.0	75.0%	22.5%
Calcium	mg	150.0	18.8%	5.6%
Iron	mg	15.0	107.1%	32.1%
Phosphorus	mg	1000.0	142.9%	42.9%
Magnesium	mg	470.0	125.3%	37.6%
Zinc	mg	7.2	72.0%	21.6%
Copper	mg	1.9	190.0%	57.0%
Manganese	mg	13.0	650.0%	195.0%
Potassium	mg	860.0	43.0%	12.9%

### Additional information on Omega profile

-Omega-6 of which	g	5.7		
-LA	g	5.3	53.1%	15.9%
-GLA	g	0.4		
-Omega-3 of which	g	1.8		
-ALA	g	1.7	83.0%	24.9%
-SDA	g	0.1		

LEGEND. Treshold values as per 30g serving.

	HIGH (NUTRIENT)
	SOURCE OF (NUTRIENT)
	LOW (NUTRIENT)

\* Daily Reference Intakes are as per (EC) 1169/2011, Annex XIII for 2000 calorie diet.

++ May contain naturally occurring Sodium 6.5 mg/100 g.

## Product description

Flour from the hemp seed contains more than 40% of fiber, which is most of all commercial crops used to produce flour.

## Applicable claims

**High:** Fibre, Protein, Iron, Phosphorus, Magnesium, Copper, Manganese

**Source of:** Vitamin E, Vitamin B1 (Thiamin), Vitamin B6 (Pyridoxin), Vitamin B9 (Folate), Zinc

**Low:** Saturates, Sugar, Very Low Sodium/Salt

All stated values are average values. These values are not equivalent to quality guarantees. They are neither legally binding nor do they form the basis for warranty or product liability.

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Please refer to national and EU regulations when preparing labels for consumer packaging.

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