

Not Just Good. Essential!

PRODUCT SPECIFICATION

FLAX MEAL

NUTRITIONAL ANALYSIS for INGREDIENT USE

Product of Canada

Non GMO

100% All Natural

Certified Kosher and Halal

Constituent	Typical	Range	Units
Moisture	8.0	8-12	%
Oil Content	11.0	8-15	%
Protein	34	29-35	%
Ash	5	3-6	%
Total Carbohydrates	42	37-47	%
Dietary Fiber	32	25-37	%
Soluble Fiber	15	12-18	%
Insoluble Fiber	17	13-20	%
Sucrose	5	2-6	%

Sterol and Tocopherol Profile

Delta Tocopherol	1.25	0.5 - 3	mg/100 g
Gamma Tocopherol	26.5	20 - 30	mg/100 g
Alpha Tocopherol	2.22	1.5 - 4	mg/100 g
Campesterol	1.95	1 - 3	mg/g
Stigmasterol	43.3	20 - 60	mg/100 g
B-sitosterol	2.80	1.50 - 4	mg/g
SDG	18.0	15 - 50	mg/g

Minerals

Calcium	3.58	3 - 4	mg/g
Iron	0.116	0.05 - 0.2	mg/g
Potassium	11.4	8 - 12	mg/g
Sodium	0.983	0.5 - 1.2	mg/g
Zinc	0.064	0.05 - 0.08	mg/g



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Basic Fat Types in Meal

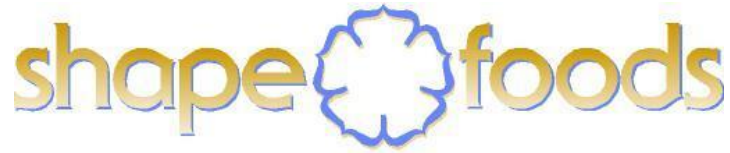
Fat	Typical % of Meal	Range % of Meal
Saturated	1	1 - 1.5
Trans	ND	ND
Monounsaturated	2	2 - 3.5
Polyunsaturates	9	9 - 11
Omega 3 ALA	7	6.5 - 9
Omega 6 LA	2	2 - 2.5
Omega 9 Oleic	2	2 - 3

Detailed Fatty Acid % Profile of Oil

Fat	Type	Typical % of Oil	Range % of Oil
14:0	Myristic	0.04	0.03 - 0.04
16:0	Palmitic	5.04	4.7 - 5.6
16:1	Palmitoleic	0.07	.05 - .11
16:1	Trans Palmitoleic	ND	ND
17:1	Heptadecanoic	0.04	0.03 - 0.04
18:0	Steric	3.13	2.8 - 3.3
18:1	Oleic	17.98	16 - 20
18:1	Octadecenoic	0.47	0.1 - 0.8
18:1	Trans Elaidate	ND	ND
18:2	Linoleic	15.9	15 - 17
18:2	Trans Lino Elaidate	ND	ND
20:0	Arachidic	0.13	0.05 - .25
18:3	Gamma Linolenic	0.17	0.1 - 0.2
20:1	Eicosenic cis 11	0.12	0.1 - 0.2
18:3	Alpha Linolenic	57.0	50 - 59
20:2	Eicosadienoic	0.04	0.03 - 0.05
22:0	Behenic	0.08	0.03 - 0.15
24:0	Lignoceric	0.07	0.05 - 0.1
	Others	0.17	0.04 - 0.4

ND - none detected

< = Less than detection limit



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Toxin Analysis	LIMITS	UNITS
Yeast	Max 100	cfu/g
Aflatoxin	2.0	ppb
Total Coliform	Max 100	cfu/g
Escherichia coli	<1	cfu/g
Listeria	NEGATIVE	
Salmonella	NEGATIVE	
Standard Plate Count	Max 10000	cfu/g
Mold	Max 100	cfu/g

Typical USA & Canadian Nutrition Facts for flax meal

This product does not contain any of the following Canadian Food Inspection Agency identified foods that might cause allergies and sensitivities.

- peanuts
- tree nuts (almonds, Brazil nuts, cashews, hazelnuts (filberts), macadamia nuts, pecans, pine nuts, pistachios, walnuts)
- sesame seeds
- soy
- wheat
- sulphites
- milk products
- eggs
- fish, crustaceans (e.g. crab, crayfish, lobster, shrimp) and shellfish (e.g. clams, mussels, oysters, scallops)
- Mustard