



PRODUCT SPECIFICATION – PARTIALLY DEFATTED FLAX MEAL

Flax meal is partially de-fatted providing plant-based protein, fibre as well as Omega 3 ALA. The meal is made from 100% natural Canadian flaxseed milled and sifted in our state of the art BRC A certified facility.

Constituents	Average	Range %
Moisture ^{^^^^}	9.4	7-12
Oil Content [^]	16.4	9-25
Protein ^{''}	32.0	29-42
Ash [*]	4.2	3-6
Total Carbohydrates ^{***}	38.3	30-55
Dietary Fiber ^{'''}	32	25-45
Soluble Fiber	15	12-18
Insoluble Fiber	17	13-20
Sugars	2.19	1-5
Bulk Density	25 lbs/ft ³	23-28 lbs/ft ³

Fat Content	Typical %	Range %
Omega-3 ALA ^{''}	7	6.5-9
Omega-6 LA ^{''}	2	2-2.5
Omega-9 Oleic ^{''}	2	2-3
Saturated Fat [`]	1	1-1.5
Trans Fat [`]	ND	0- 1
Monounsaturated Fat ^{''}	2	2-3.5
Polyunsaturated Fat ^{''}	9	9-11

Microbial Standards	Limits	Units
SPC [^]	Max 10000	cfu/g
Yeast ⁺⁺⁺	Max 1000	cfu/g
Mold ⁺⁺⁺	Max 1000	cfu/g
Aflatoxin ^{''''}	5.0	ppb
Total Coliform ^{^^}	Max 100	cfu/g
Escherichia coli ^{^^}	<5	cfu/g
Listeria ⁺⁺⁺⁺	NEGATIVE	
Salmonella ⁺⁺	NEGATIVE	
Staphylococcus aureus ^{^^^}	<5	cfu/g

Minerals & Metal	Typical %	Range %
Calcium ⁺	3.58	3-4 mg/g
Iron ⁺	.0116	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
Cadmium ⁺	0.54	0-1.5 mg/kg
Lead ⁺	<0.1	0-0.1 mg/kg



Sterol and Tocopherol	Typical	Range %
Delta Tocopherol	3.58	0.5-3 mg/100g
Gamma Tocopherol	.0116	20-30 mg/100g
Alpha Tocopherol	11.4	1.5-4 mg/100g
Campesterol	0.983	1-3 mg/g
Stigmasterol	0.064	20-60 mg/100g
B-sitosterol	2.80	1.50-4 mg/g
SDG	18.0	15-50 mg/g

Nutritional Information	Per 100g
Calories	395Kcal
Total Fat	10.7g
Saturated Fat	1.32g
Trans Fat	0g
Carbohydrates	42.7g
Total Sugars	2.19g
Dietary Fibre	24.2g
Sodium	73.7mg
Protein	32.0g
Cholesterol	0mg
Moisture	9.95g
Potassium	840mg
Calcium	333mg
Iron	6.58mg

Reference	Test method	test
AOCS Ba 5a-49 modified	ASH-01	*
Atwater	Calories	**
Calculation	Carb	***
AOAC 962.09 modified	FCF-01	****
AOAC 2015.01 modified	METMIN-01	+
MFHPB-20	MFHPB-20	++
MFHPB-22	MFHPB-22	+++
MFHPB-30	MFHPB-30	++++
MFHPB-33	MFHPB-33	^
MFHPB-34	MFHPB-34	^^
MFLP-21	MFLP-21	^^^
AOCS Ba 2a-38 modified	MOIS-06	^^^^
AOCS Am 2-93 modified	OIL-01	'
AOAC 2001.11 Modified	PROT-01	"
AOAC 91.43	FTDF-02	'''
Elisa	AFLA-01	''''
AOAC 996.06	TFAT-01	`
AOCS Ce 1h-05 modified	TFAT-01	``

Pack Sizes	Item #
2094lbs/850kg Tote Bag - Golden	3-0013
2094lbs/850kg Tote Bag - Brown	3-0011
50lbs/23kg Bag - Golden	3-0018
50lbs/23kg Bag - Brown	3-0017

Particle size: To be mutually agreed upon between Shape foods, Inc. and the customer

Our allergen processes adhere to CFIA and FDA protocols, please see our Allergen Statement.

Durable Life: 36 months. Store in a cool, dry, dark place



Revised: April 7, 2020

2001 Victoria Ave. E. Brandon, Manitoba, Canada R7A 7L2

Phone: 204-727-FLAX 204-728-FLAX www.shapefoods.com