

Not Just Good. Essential!

## PRODUCT SPECIFICATION

### PARTIALLY DEFATTED ORGANIC FLAX MEAL

### NUTRITIONAL ANALYSIS for INGREDIENT USE

Product of Canada

Non GMO

100% All Natural

Certified Kosher and Halal

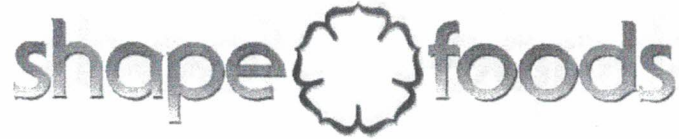
| Constituent         | Typical | Range | Units |
|---------------------|---------|-------|-------|
| Moisture            | 8.0     | 8-12  | %     |
| Oil Content         | 11.0    | 8-15  | %     |
| Protein             | 34      | 29-39 | %     |
| Ash                 | 5       | 3-6   | %     |
| Total Carbohydrates | 42      | 30-45 | %     |
| 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 |



Not Just Good. Essential!

### Basic Fat Types in Meal

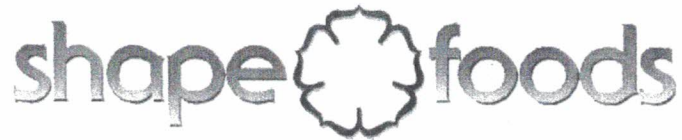
| Fat             | Typical % of Meal | Range % of Meal |
|-----------------|-------------------|-----------------|
| Saturated       | 1                 | 1 - 1.5         |
| Trans           | ND                | ND              |
| Monounsaturated | 2                 | 2 - 3.5         |
| Polyunsaturates | 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



Not Just Good. Essential!

| Toxin Analysis        | LIMITS   | UNITS |
|-----------------------|----------|-------|
| Yeast                 | Max 1000 | cfu/g |
| Aflatoxin             | 2.0      | ppb   |
| Total Coliform        | Max 100  | cfu/g |
| Escherichia coli      | <5       | cfu/g |
| Listeria              | NEGATIVE |       |
| Salmonella            | NEGATIVE |       |
| Staphylococcus aureus | NEGATIVE |       |
| Mold                  | Max 1000 | 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

PACK SIZES: 50 lb bag/750kg bag

Durable Life: 36 months

Store in a cool, dry, dark place

REVISED: April 25, 2017