



Natunola[®] Omega-3 Flax 25

Product Description

Natunola[®] Omega-3 Flax 25 is an excellent balance of the flax kernel, making up 25% of this product, and flax hull and seed making up the remaining 75% of the product. Because of the patented technology used in processing this food ingredient, it is extremely stable and does NOT need to be refrigerated in order to remain fresh.

Natunola[®] Omega-3 Flax 25 can be added to any formulation as it is: kosher certified, non-GMO, gluten free, and safe for most individuals with severe nut allergies. This cost effective ingredient will increase both fiber and omega-3 content, two characteristics that are extremely desirable in today's health food industry. With increased fiber and omega-3 content there is also potential for food products to benefit from valued health claims.

Flaxseed Benefits

Flaxseed is a rich source of the essential fatty acid alpha-linolenic acid (ALA) which is found within the seed's inner meat, also known as the kernel. Flaxseed is also a rich source of fiber and lignans which are found within the seed's outer shell, also known as the hull. Overall, flaxseed use is well known for its positive health benefits and has been linked to: decreased risk of cardiovascular disease, decreased risk of developing hormone associated cancers, improved immune function, and protection against type II diabetes.



Product Application

Natunola[®] Omega-3 Flax 25 can be used in a number of applications, as you would typically add other seeds or nuts, and is a novel ingredient in prepared foods such as:

Cookies Crackers Breads Muffins Cereals Snack Foods Bars (snack, energy, etc)

Product Specifications

Appearance:	25% yellow kernel, remaining seed plus hull
Texture:	Course seed
Oil Content:	Average 30%
Protein Content:	Average 18%
Moisture Content:	Maximum 10%
Usage Level:	5 - 100% (wt/wt)
Baking Stability:	Up to 350°C for up to 2 hours with minimal nutritional loss
Shelf Life:	1 Year
Storage:	Recommended storage temperature below 20°C To extend shelf life keep in a cool place away from sunlight.

Typical Nutritional Profile

Nutritional Analysis (g/100g)*	
Energy (Cal/100g)	569
Energy (kJ/100g)	2381
Fat (including Omega-3)	40.7
Omega-3	23.6
Omega-6	5.3
Carbohydrate (including Fiber)	30.7
Protein	20.8
Ash	3.3
Moisture	4.5

*Batch analysis only - variances may occur within crops which may cause deviations from these values.

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