

FOS Coated Flax Seeds

A perfect blend of omega-3 and antioxidants enriched tiny seeds with goodness of prebiotic fibre which increase the body efficiency to lose weight.

A Plant-based "functional food" that provides healthful fat, antioxidants, minerals, fiber which makes it a great munching product to kill the hunger and to boost the health at the same time. The unique nutritional profile of these tiny seeds mixed with the goodness of prebiotic fibre helps in improving the digestive, cardiovascular and immunity system.



✓ RICH IN OMEGA-3- FATTY ACIDS

✓ RICH IN ANTIOXIDANTS

✓ PREBIOTIC FIBRES

✓ GOOD FOR DIGESTIVE, CARDIOVASCULAR AND IMMUNITY SYSTEM

✓ WHOLESOME SNACKS WITH GOODNESS OF PREBIOTIC

Functional Advantages

- Increase in palatability
- Providing sweetness
- Good coating ability



Prebiotic Advantage

Fecal Microbial Composition

FOS increases fecal numbers of Bifidobacteria and Lactobacilli and decreases those of E.coli

Colonic Luminal pH

FOS increases volatile fatty acids which reduces intestinal pH that is detrimental to pathogenic growth

Intestinal Absorption of Minerals

FOS improve the apparent total tract digestibility of several minerals

Fecal Bacterial Metabolites

FOS increases fecal acetate, propionate butyrate, and total SCFA and reduces circulating ammonia and fecal phenol

Insulin Sensitivity

sc-FOS reduces basal insulin resistance, alters glucose and lipid metabolism, and improve glucose homeostasis

Immunity

sc-FOS supplementation has been linked with higher IgM levels, an immune parameter

Specific Benefits



Muscle Building

Enhanced bio-availability of amino-acids.



Women Nutrition

Reduced bone loss, positive defense towards gestational diabetes, UTIs.



Sports Nutrition

Sustained glycemia, reduced GI distress & improved immune-competence.



Geriatric Nutrition

Improved gut barrier, regulated bowel movements improved immune-competence and over all metabolic health.

Recipe

Ingredients	%
Flax seed	88.00
FOSSENCE 90	12.00
Total	100

Nutritional Advantage

Parameter	Approximate Nutrition values per 100 g
Energy (kcal)*	412
Total Fat (g)	31.39
Total Carbohydrate (g)	32.85
of which Sugar (g)	0.82
Total Fiber (g)	11.18
of which FOS (g)	11.18
Protein (g)	16.32

About TATA NQ

Tata NQ is the Nutritional Solutions Division of TATA Chemicals Ltd, a group company of the \$140 bn Tata conglomerate - offering science backed nutritional solutions through innovative ingredients, food technology service, R&D and world class manufacturing facilities.



Only full scale Manufacturer of FOS and GOS Prebiotics in India



State - of the art Manufacturing Facilities in Nellore and Sriperumbudur.



Certification FSSCI, FDA GRAS, Halal, Kosher, GMP



Biggest Manufacturer, using whole cell technology



60 Member food-tech & R&D Scientists based out of Pune Innovation Center



Numerous patents & international Publication



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