Health Beverages

Prebiotic & Sugar Reduced Coffee Premix

Enjoy the same refreshment, same taste with reduced sugar & healthiness of prebiotic fibers!



Reduced Sugar Coffee Premix is designed to provide the same refreshment with goodness of prebiotic fiber.

Presence of sc-FOS is known to aid immunity building, improved bone health and better mineral absorption in the body. This can be produced without changing the conventional production process.

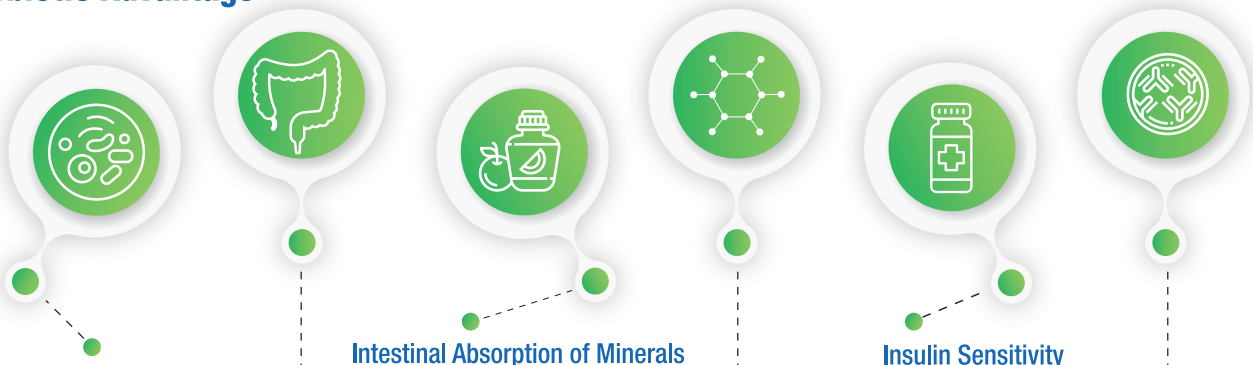
Self-stable dry format with great reconstitution properties, a perfect healthy alternative to the conventional coffee premix.

Functional Advantages

- Great reconstitutional properties.
- Improved mouth feel.
- Masking off notes & improved flavour delivery.
- Partial or complete sugar replacement potential.
- No change in the process no special equipment required.
- Compatible in liquid, paste, solid & powder end product formats.



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
scFOS reduces basal insulin resistance, alters glucose and lipid metabolism, and improve glucose homeostasis

Immunity
scFOS 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 bowl movements improved immune-competence and over all metabolic health.

Recipe

Ingredients	Control	With FOS
Skim Milk Powder	43.28	43.28
Sugar	46.16	34.62
FOS	9.81	9.81
Coffee (Instant)	0.06	0.06
Xanthan Gum	0.69	0.69
Salt	100.00	100.00
Total	**100.00**	**100.00**

Nutritional Advantage

Parameter	Control	With FOS
Energy (kcal)	340.00	318.00
Total Fat (g)	0.44	0.44
Saturated Fat (g)	0.44	0.44
Trans Fat (g)	-	-
Total Carbohydrate (g)	68.29	68.29
Of which Sugars (g)	46.15	35.26
Dietary Fiber (g)	-	10.90
Protein (g)	16.49	16.48

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
- Biggest Fully Integrated Manufacturer of Prebiotic Globally
- State - of - art Manufacturing Facilities in Nellore and Sriperumbudur.
- 60 Member food-tech & R&D Scientists based out of Pune Innovation Center
- Certification FSSC,FDA GRAS,Halal, Kosher, GMP
- Numerous patents & international Publication

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