

Herbal Syrup

Perfect blends of three powerful herbs Ashwagandha, Tulsi & Ginger, with prebiotic goodness to boost immunity, digestion and fight cough & cold

The product provides power-packed benefits of select herbal actives along with prebiotics and has zero added sugar.

Presence of Ashwagandha works well for stress relief, Ginger is effective against cold & nausea, Tulsi is a proven herb to treat cough & cold and FOS adds on the prebiotic advantages.

Producing this does not need any change in the conventional production process. Prebiotic Good Gut Mixed Herb Immunity Syrup contains scientifically proven ingredients to help improve immunity & digestive health.



Functional Advantages

- Similar viscosity w.r.t. sugar or honey.
- Masking off notes & improved flavour delivery.
- Partial or complete sugar replacement potential.
- No change in the process no special equipment required.
- Heat stable.
- 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 bowel movements improved immune-competence and over all metabolic health.

Recipe

Ingredients	Control	With FOS
Ashwagandha	0.75	0.75
Tulsi	1.00	1.00
Ginger	1.00	1.00
FOS Syrup L95 (Brix 70)	-	97.25
Sugar Syrup/Invert/Honey (Brix 70)	97.25	-
Total	100.00	100.00

Nutritional Advantage

Parameter	Control	With FOS
Energy (kcal)	273.00	135.00
Total Fat (g)	1.53	1.53
Saturated Fat (g)	-	-
Trans Fat (g)	-	-
Total Carbohydrate (g)	68.09	68.09
Of which Sugars (g)	68.06	3.96
Dietary Fiber (g)	-	64.68
Protein (g)	0.07	0.07

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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