



Saigao Group

Fructo-oligosaccharide(FOS)

Product Classification:FOS 55%,FOS 95%

PRODUCT INTRODUCTION

Fructo-oligosaccharide(FOS), is also known as Fucto-oligo, it directly enters into large intestine without being digested and absorbed by human body, and in intestine it rapidly promotes reproduction of bifidobactirium and other probiotics, so it is also called "Bifidus Factor"

FUNCTION

- Promoting reproduction of Bifidobactirium
- Preventing hot-gas and getting
- Improving the function of intestine, preventing constipation
- Enhancing immunity and resisting disease
- Promoting the absorption of mineraais
- Preventing tooth decay, reducing the occurrence of oral ulceration
- Beauty action, lowering blood fat





PHYSICAL PROPERTIES

- ☑ Soluble dietary fiber, good solubility
- ☑ Good thermal stability under neutral condition, no maillard reaction
- ☑ High water activity, inhibition of starch aging, prolonging shelf life
- ☑ Good taste, delicate taste, improving product flavor
- ☑ Good moisturizing, increasing product crispness

As a function factor, FOS can be applied to dairy products, beverage, candy cake, livestock, meat products and aquatic. Moreover, FOS is also a first choice food for patients with diabetes.

REGULATIONS PERMIT

In China, Ministry's No. 11 Announcement of 2009 authorizes FOS as a new nutritional fortifiers.

In USA, FDA's Announcement of 2012 authorize FOS sucrose, supplemented as nutrition fortifier

In Japan, authorizes FOS as specific health food

In USA, FDA validates FOS as a safe class (GRAS) of food ingredient

GB23528-2009

Item	Liquid		Powder		
	55	95	55	95	
Water/(g/100g)	≤	—	—	5.0	
Dry matter (solids) / %	≥	75	—	—	
pH	—	—	4.5-7.0	—	
Total FOS (on dry matter) /%, (w/w)	≥	55	95	55	95
Conductivity Ash,%	≤	—	0.4	—	
Chroma / %	≤	0.2	—	—	
Light transmittance / %	—	85	—	—	
Total Aerobic Count(CFU/g)	≤	—	1000	—	
Total Coliform(MPN/100g)	≤	—	3	—	
Mould(CFU/g)	≤	—	25	—	
Yeast(CFU/g)	≤	—	25	—	

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