



Shandong Saigao Group Corporation.

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XYLO-OLIGOSACCHARIDE POWDER

PRODUCT INTRODUCTION:

Xylo-oligosaccharide (XOS) , is a functional polysaccharide formed by connecting 2-7 xylose molecules with β -1, 4 glucosidic bond. The main components are Xylobiose, Xylotriose and Xylotetraose. Compared with the Soybean oligosaccharides, Fructo-oligosaccharides and Isomalto-oligosaccharide commonly used by people, it has unique advantages can selectively promote the proliferation activity of intestinal bifidobacteria. Its function of bifidogenic factor is 10-20 times higher than that of other polysaccharides. It is recognized as a super prebiotics bifidogenic factor and a healthy food to balance the microecological environment in human intestinal tract.

APPLICATION:

XOS can be used in health products, beverages, dairy products, liquors and liver care products.

FUNCTION:

Relaxing bowel, prevent constipation

Inhibit the reproduction of pathogenic bacteria, reduce diarrhea

Promote the synthesis and absorption of nutrients

Lower blood glucose, lipid level and blood pressure, lower cholesterol

Strengthen immunity, prevent cancer

Protect liver function

Compatibility with Chinese herbal medicine, the pharmacological effects of Chinese herbal medicine can play a full role and the effectiveness increase a lot.

PHYSICAL PROPERTIES:

The sweetness is 40% of sucrose and has the same sweet feeling as cane sugar

Good acid and heat stability, easy to store and use stability

Difficult to break down by human digestive enzymes.



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PRODUCT ANALYSIS:

Product name	Xylooligosaccharide powder			
Item	XOS 20	XOS 35	XOS 70	XOS 95
Appearance	White or light yellow powder, without visible impurities.			
Water,%	≤6.0		≤5.0	
Ash,%	≤0.3			
XOS ₂₋₇ content (on dry basis),%	≥20.0	≥35.0	≥70.0	≥95.0
XOS ₂₋₄ content (on dry basis),%	--	--	≥50.0	≥65.0
pH	3.5-6.0			
Arsenic(As),mg/kg	≤0.5			
Lead(Pb),mg/kg	≤0.5			
Total Plate Count,CFU/g	≤1500			
Total Coliform,MPN/100g	≤30			
Mold,CFU/g	≤25			
Yeast,CFU/g	≤25			

LABELING:

The packed label indicates:

1. Product name
2. Batch Number
3. Manufacture and expiry date
4. Net weight and gross weight of contents
5. Name and address of manufacturer
6. Name and address importer



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PACKING & TRANSPORTATION

The outer is paper-polymer bag, the inner is food grade polythene plastic bag.

Net weight : 25kg /bag

Without pallet---17.5MT/20'GP Max

With pallet---15MT/20'GP Max

STORAGE & SHELF-LIFE:

1. Store in dry and cool condition, keep away from material with odor or of volatilization, protect from water and wet.
2. Best within 36 months from manufacturing date.

