



Saigao Group

Isomalto-oligosaccharide

Product Classification: IMO-500, IMO-900

PRODUCT INTRODUCTION

With refined tapioca, organic tapioca as raw material, through the enzyme, after liquefaction, concentration, drying and a series of processes and gained white powder products, can promote bifidobacterium of the body significantly and have the functions of water soluble dietary fiber, low caloric value, prevent dental caries etc. , so it is a kind of functional oligosaccharide used widely.

FUNCTION

Regulate intestinal flora, reduce the amount of Clostridium perfringens

Relaxing bowel

Healthy Tooth: Low caries

Promote mineral absorption

Help to improve immunity





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PHYSICAL PROPERTIES

- ☑ Sweet and pure
- ☑ The acid and heat stability
- ☑ The end of the reduction group, can occur Maillard reaction
- ☑ Viscosity close to the same concentration of sucrose solution
- ☑ Isomalto-oligosaccharide is applied to health products, dairy products, candy, biscuit and baking food.

REGULATIONS PERMIT

- China: Isomalto-oligosaccharide is used as food ingredients
- Japan: Isomalto-oligosaccharide is used as a special food ingredient for health care
- United States: Isomalto-oligosaccharide GRAS application has been proposed, is undergoing FDA review
- Korea: Isomalto-oligosaccharide is also used as food ingredients

GB20881-2007

Item	IMO Syrup	IMO Powder	IMO Syrup	IMO Powder
IMO content (dry basis) / %	≥ 90		50	
IG2 + P + IG3 content (dry matter) / %	≥ 45		35	
Dry matter (solids) / %	≥ 75	—	75	—
Water/(g/100g)	≤ —	5	—	5
pH	4.0-6.0			
Light transmittance / %	≥ 85		80	—
Solubility / %	≤ —	99	—	99
Ash(Sulphate)/%	≤ —			
Total Aerobic Count(CFU/g)	≤ —	1000		
Total Coliform(MPN/100g)	≤ —	3		
Mould(CFU/g)	≤ —	25		
Yeast(CFU/g)	≤ —	25		
Pathogen	—	—	—	—

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