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Trade registration nr. 50769421 Chamber of Commerce Utrecht

Product Data Sheet

Product Name:	Isomalto-oligosaccharide
Molecular Formula:	C ₁₂ H ₂₂ O ₁₁
CAS No.:	499-40-1
EC No:	207-879-1
Standard according as:	GB/T20881-2007
Grade type of product:	90% powder;50% power; 90% liquid;50% liquid, 70% powder

Description

IMO is named Bifido-factor because of its powerful growth stimulation of the main intestinal beneficial bacteria--- Bifidobacterium, be called as High purified multiplication factor of the Bifidus.

Specifications

90% powder		90% liquid	
Test Item	Standard	Test Item	Standard
Appearance	White powder without peculiar	Appearance	White or light yellow liquid without peculiar smell, without the impurity
Moisture, %	5.0 max.	Solid substance, %	75 min.
Ash %	0.3 max.	Ash %	0.3 max.
pH	4.0 – 6.0	pH	4.0 – 6.0
Solubility %	99.0 min.	Light transmittance %	95.0 min.
The total of Isomaltose. Panose, Isomaltotriose (dry substance), %	45 min.	Total IMO content, %	90.0 min.
The total of Isomaltooligosaccharide, %	90 min.	The total of Isomaltose. Panose, Isomaltotriose (dry substance), %	45 min.
Glucose, %	1 max.	More than G4 (dry	--

		substance), %	
Bacterium total, /g	1000 max.	Glucose, %	2 max.
E.coli, /100g	30 max.	Total plate count, cfu/g	1000 max.
		Coliform, mpn/100g	Negative

50% powder		50% liquid	
Test Item	Standard	Test Item	Standard
Appearance	White powder without peculiar	Appearance	Stickiness and transparent syrup
Moisture, %	5.0 max.	Solid substance, %	75 min.
Ash %	0.3 max.	Ash %	0.3 max.
pH	4.0 – 6.0	pH	4.0 – 6.0
Solubility %	99.0 min.	The total of Isomaltose. Panose, Isomaltotriose (count for dry substance) , %	35.0 min.
The total of Isomaltooligosaccharide, %	51 min.	The total of Isomaltooligosaccharide, %	51.0 min.
Bacterium total, /g	1000 max.	Bacterium total, /g	1000 max.
E.coll, /100g	30 max.	E.coll, /100g	30 max.

Packaging:

Powder: Packaged in multi-layer kraft paper bag with food grade PE inner bag, net 25kg/bag.

Liquid: in food grade plastic drum, net weight 280kg; IBC drum, net weight 1400kg.

(Other packaging types are available on requests)

Shelf life

Powder: 24 months if stored under recommended storage conditions.

Liquid: 12 months months if stored under recommended storage conditions

Storage conditions

Should be stored in a cool,ventilated and dry place below 40°C and relative humidity less then 70%.