



DO-IT BV
Prins Hendrikweg 19
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Org.Cert : Skal 001285

Fight pollution with organic agriculture
Fight poverty with fair trade

PRODUCT INFORMATION

See also [Http://www.organic.nl](http://www.organic.nl)

Product	Tapioca syrup
Code	16071 / 16072 / 16111
Certificate	Certisys BE-1
Country of origin	Belgium
Last update	24 January 2008
Issue Date	25 January 2008
This product is	Organic and not genetically modified or irradiated

Ingredients	Organic Manioc starch
Additives	Organic lemon juice
Production process	Hydrolysis of Manioc starch thanks to the use of natural enzymes (GMO-free) Mixing of ingredients (manioc starch and water), progressive solubilisation of starch at 100°C, pH adjustment (lemon juice), cooling, addition of natural enzymes, hydrolysis, mechanical filtration, concentration of juice, safety filtration, filling, storage

Sensorial properties	
Smell	Neutral
Colour	Yellowish/Light golden
EBC solution 10%	1,25
Taste	Sweet/ product specific
Appearance	Syrup

Packing	16071	16072	16111
Net content	295 kg	1400 kg	25 kg
Kind of packing	Metal drum	Cubi	PP bucket
Packing size (L x W x H)	(Ø* H) 59,4 x 88,0	120 x 100 x 116	33 x 33 x 35
Packing/layer	2	1	11
Layers/pallet	1	1	3

Shelflife	
Storage conditions	Room temperature / 12°C
Maximum shelflife	7 months / 12 months



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Nutritional values (per 100 gram)		(from supplier)
Energy	1312 kJ 314 kCal	
Protein (g)	0,1	
Fat (g)	0,05	Saturated: - % Mono-unsaturated: - % Poly-unsaturated: - %
Carbohydrates (g) (on dry matter)	98	Fructose: 0% Glucose: 35% Maltose: 50% Poly-saccharides: 13%
Dry matter(%)	80	
Mineral (mg)	Calcium (Ca): 7 Iron (Fe): 0,3 Potassium(K): 18	Sodium (Na): 41 Phosphor (P): 2,5 Magnesium (Mg): 3,4
Vitamins (mg)	Vitamin A: - IU/ RE Vitamin B1: - Vitamin B2: -	Niacin: - Vitamin B6: - Vitamin C: -

Analytical properties	
Dextrose Equivalent (D.E.)	69
Diastase-value	0
pH	4,5 - 6,0
Viscosity (at 25°C)	6900 cps
Water activity (Aw)	0,69

Microbiological Properties	
Mesophilic germs (cfu/g)	<2000
Yeast (cfu/g)	<200
Moulds (cfu/g)	<100
Enterobacteriaceae (cfu/g)	<10 (at 30°C)
E. Coli (cfu/g)	<10
Bacillus cereus (cfu/g)	<10
Salmonella (cfu/25g)	Absent
Listeria monocyto. (cfu/25g)	<1
Clostridium perfringes(cfu/g)	<1
Aflatoxin (B1,B2,G1,G2)	< 4 ppb



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Ochratoxine	< 3 ppb
DON	< 750 ppb

Allergy list		(+ = present, - = absent and ? = unknown)	
Cow's milk protein	-	Nut-oil	-
Lactose or milk sugar	-	Peanuts/groundnuts (-derivatives)	-
(Chicken) egg	-	Peanutoil	-
Soya protein (-derivatives)	-	Sesame	-
Soya oil	-	Sesame-oil	-
Gluten	-	Glutamate (added E620-E625)	-
Wheat	-	Sulfite (E220-E228)	-
Rye	-	Benzoic acid/Parabens (E210-E213)	-
Beef (-derivatives)	-	Azo-colours E102, E110, E122, E123, E124, E128, E129, E151, E154, E155	-
Pork (-derivatives)	-	Tartrazine (E102)	-
Chicken (-derivatives)	-	Cinnamon	-
Fish	-	Vanillin	-
Shell-fish	-	Coriander	-
Corn /Maize (-derivatives)	-	Celery	-
Cocoa	-	Umbelliferae	-
Yeast	-	Carrot	-
Pulses	-	Lupine	-
Nuts (-derivates)	-	Mustard	-
Acceptable for:			
Vegetarians	Yes		
Vegans	Yes		
Lacto-vegetarians	Yes		
Kosher-certified	Yes		
Halal-certified	No		
NOP-certified	Yes		

Use	Biscuit, cereal bars, confectionery, sauces, yoghurts, sucrose and honey substitute for consumers, preserved fruit in syrup, syrups for making up drinks, syrups from plant extracts.
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