

PRODUCT INFORMATION

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

Product	Manioc starch / Tapioca
Code	16201
Country of origin	Vietnam
Last update	10-10-2018
Date of Issue	14-07-2017
This product is	Organic and not genetically modified or irradiated

Production	
Ingredients	Manioc/tapioca
Additives	No additives
Process	Wash the roots, crashing, centrifugation, separation of water and starch by vacuum filter, drying, packing

Sensorial properties	
Smell	Neutral, product specific
Colour	White
Taste	Product specific
Appearance	Fine Powder

Packing	
Net content	25 kg
Kind of packing	woven nylon bags
Packing size (L x W x H)	76 * 40 * 15
Pieces per pallet	40 (or 30 on EURO pallets)

Shelf life	
Storage conditions	Cool and dry in closed bags
Minimum shelf life	18 months after production

Nutritional values (per 100 gram)		(from USDA Database)
Energy	1498 KJ 358 Kcal	
Protein (g)	0.19	
Fat (g)	0.02	Saturated: 0.01
Carbohydrates (g)	88.70	Sugars: 3.35
Dietary fibre (g)	0.9	
Moisture (%)	< 13	
Salt (g)	0.0025	

Analytical properties	
Ash (%)	< 0.2
Starch (%)	> 85
pH	4 – 7
Moisture content (%)	< 13.0
Whiteness (%)	> 92 (ISI 44 Minolta method)

Microbiological Properties (indicative)	
Total Plate Count (cfu/g)	< 100.000
Yeast (cfu/g)	< 1.000
Moulds (cfu/g)	< 1.000
Staphylococcus aureus (cfu/g)	< 100
B. Cereus (cfu/g)	< 1.000
E. Coli (cfu/g)	< 100
Salmonella(cfu/25 g)	Absent

Allergy list (+ = present, - = absent and * = possible cross contamination)			
Cow's milk protein	-	Peanuts/groundnuts (-derivatives)	-
Lactose or milk sugar	-	Peanutoil	-
(Chicken) egg	-	Sesame	-
Soya protein (-derivatives)	-	Sesame-oil	-
Soya oil	-	Glutamate (added E620-E625)	-
Gluten	-	Sulfite (E220-E228)	-
Wheat	-	Benzoic acid/Parabens (E210-E213)	-
Rye	-	Azo-colours E102, E110, E122, E123, E124, E128, E129, E151, E154, E155	-
Beef (-derivatives)	-	Tartrazine (E102)	-
Pork (-derivatives)	-	Cinnamon	-
Chicken (-derivatives)	-	Vanillin	-
Fish	-	Coriander	-
Shell-fish	-	Celery	-
Corn /Maize (-derivatives)	-	Umbelliferae	-
Cocoa	-	Carrot	-
Yeast	-	Lupine	-
Pulses	-	Mustard	-
Nuts (-derivates)	-	Mollusc (- derivates)	-
Nut-oil	-		

Acceptable for:	
Vegetarians	Yes
Vegans	Yes
Lacto-vegetarians	Yes
Kosher-certified	Yes
Halal-certified	No
NOP-certified	No
Fairtrade IBD	No

Use	Manioc starch/tapioca thickens translucent. It is used in soups and porridges.
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