

PRODUCT INFORMATION

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

Product	Manioc starch/ tapioca
Code	16201
Certificate	BCS
Country of origin	Vietnam
Last update	17 March 2015
Date of Issue	17 March 2015
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	Multi layer paper bag		
Packing size (L x W x H)	76 * 40 * 15		
Packing/layer	3	Layers/pallet	10

Shelflife	
Storage conditions	Cool and dry in closed bags
Maximum shelflife	24 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 Mono-unsaturated: 0.01 Poly-unsaturated: 0.00
Carbohydrates (g)	88.69	Sugars: 3.35 Poly-saccharides: - %
Dietary fibre (g)	0.9	
Moisture (g)	Max 13%	
Mineral (mg)	Calcium (Ca): 20 Iron (Fe): 1.58 Potassium(K): 11	Sodium (Na): 1 Phosphor (P): 7 Magnesium (Mg): 1
Vitamins (mg)	Vitamin A: IU/RE Vitamin B1: Vitamin B2:	Niacin: Vitamin B6: Vitamin C:

Analytical properties	
Ash (%)	Max 0.2
Starch (%)	Min 85
pH	4 – 7
Moisture content (%)	Max 13.0
Whiteness (%)	Min 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 ? = unknown * 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	No
Halal-certified	No
NOP-certified	No
Ecosocial	No

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