

## PRODUCT INFORMATION

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

<b>Product</b>	<b>Manioc starch/ tapioca</b>
<b>Code</b>	<b>50197</b>
<b>Country of origin</b>	<b>Cambodia</b>
<b>Last update</b>	<b>29-9-2017</b>
<b>Date of Issue</b>	<b>29-2-2017</b>
<b>This product is</b>	<b>Organic and not genetically modified or irradiated</b>

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

<b>Sensorial properties</b>	
<b>Smell</b>	<b>Neutral, product specific</b>
<b>Colour</b>	<b>White</b>
<b>Taste</b>	<b>Product specific</b>
<b>Appearance</b>	<b>Fine Powder</b>

<b>Packing</b>			
<b>Net content</b>	<b>25 kg</b>		
<b>Kind of packing</b>	<b>Multi layer paper bag</b>		
<b>Packing size (L x W x H)</b>	<b>76 * 40 * 15</b>		
<b>Packing/layer</b>	<b>3</b>	<b>Layers/pallet</b>	<b>10</b>

<b>Shelflife</b>	
<b>Storage conditions</b>	<b>Cool and dry in closed bags</b>
<b>Maximum shelflife</b>	<b>18 months after production</b>

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	5 – 7
Moisture content (%)	Max 14.0
Whiteness (%)	Min 88 (ISI 44 Minolta method)
Fineness 100 mesh	> 99%
Viscosity (6%) BU	> 600

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)	< 10
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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