



DO-IT Food Ingredients BV  
Hermesweg 7  
3771 ND Barneveld  
The Netherlands  
www.doitorganic.com

Bank: Rabobank  
Bank Account: 3431.22.596  
IBAN:  
NL82RABO0343122596  
Swift-BIC: RABONL2U  
VAT: NL 860149882B01

OrganicCert: NL-BIO-01  
OrganicNr: Skal 108273  
Telephone: +31 85 487 0487  
Email: [sales@organic.nl](mailto:sales@organic.nl)  
CoC: 75119048

## PRODUCT INFORMATION

See [www.doitorganic.com](http://www.doitorganic.com)

<b>Product</b>	<b>Manioc starch / tapioca starch</b>
<b>Code</b>	<b>50230</b>
<b>Country of agricultural origin</b>	<b>Thailand</b>
<b>Country of last processing</b>	<b>Thailand</b>
<b>Last update</b>	<b>31-08-2023</b>
<b>This product is</b>	<b>Organic and not genetically modified or irradiated</b>

<b>Production</b>	
<b>Ingredients</b>	<b>Organic manioc/tapioca</b>
<b>Additives</b>	<b>No additives</b>
<b>Process</b>	<b>Wash the roots, crushing, 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 (whiteness max 93 kett model C 100-3)</b>
<b>Taste</b>	<b>Product specific</b>
<b>Appearance</b>	<b>Very 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>Shelf life</b>	
<b>Storage conditions</b>	<b>Clean and dry, at ambient temperature.</b>
<b>Maximum shelf life</b>	<b>24 months after production</b>



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Nutritional values (per 100 gram)		(from USDA Database)
Energy	1498 KJ 358 Kcal	
Protein (g)	0.2	
Fat (g)	0.02	Saturated: 0.01
Carbohydrates (g)	88.7	Sugars: 3.4
Dietary fibre (g)	0.9	
Salt (g)	0.003	

Analytical properties	
Moisture (%)	< 13
pH	6.0 +/- 1.0
Ash (%)	< 0.2
Foreign matter (%)	< 0.2
Particle size (%)	> 99
Viscosity (BU)	> 550
Gel Temp. (°C)	> 60
Starch content (%)	> 85

Microbiological Properties (indicative)	
Total Plate Count (cfu/g)	< 50.000
Yeast & moulds (cfu/g)	< 1.000
Bacillus Cereus (cfu/g)	< 5.000
Coliforms (cfu/g)	< 10
E.Coli (cfu/g)	< 10
Salmonella (cfu/25g)	Absent



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<b>Allergy list (+ = present, - = absent and * = possible cross contamination)</b>			
Cow's milk protein	-	Walnut	-
Lactose or milk sugar	-	Cashew	-
(Chicken) egg	-	Pecan nut	-
Soya protein (-derivatives)	-	Brazil nut	-
Gluten	-	Macadamia or Queensland nut	-
Wheat	-	Pistachio nut	-
Peanuts/groundnuts (-derivatives)	-	Coconut	-
Sesame	-	Hickory nut or kola nut	-
Sesame-oil	-	Lichee nut	-
Celery	-	Pili nut	-
Mustard	-	Sheanut	-
Fish	-	Pine nut or pinon nut	-
Shell-fish	-	Beech nut	-
Mollusc	-	Butternut	-
Lupine	-	Chestnut	-
Sulfite E220-E228	-	Ginko nut	-
Nuts (-derivates)	-	Chinquapin	-
Almond	-		-
Hazelnut	-		-

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

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