



**Starch Industry  
"JABUKA"  
Pančevo**

**PRODUCT SPECIFICATION  
MALTODEXTRIN**

**No: SP.30**

**Issue No.02/Date: November 2014.**

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### 1. Product Identification

**Product Name:** Maltodextrin  
**Commercial name:** Maltodextrin  
**Barcode:** 8606105499194  
**Appearance:** Fine powder, white color, neutral scent and moderately sweet taste.  
**Chemical composition:** It represents mixture of higher saccharides, produced by enzyme hydrolysis of corn starch

### 2. Physical and chemical characteristics

NAME / unit	Value	Limits	Analysis Method
Dry Substance (%)	min 94	-	MI.21 – SRPS EN ISO 1666
DE value		12 – 20	MI.52 – SRPS EN ISO 5377
pH (40% suspension)	-	4.0 – 5.0	MI.55 – Potentiometry
SO <sub>2</sub> (mg/kg)	max 10	-	MI.54 – Acidimetry
Sulphated ash on DS content (%)	max 1	-	MI.57 – SRPS EN ISO 5809
Heavy metals content			
Lead (mg/kg)	-	max 0.4	ICP/MS – BS EN 15763
Arsenic (mg/kg)	-	max 0.5	ICP/MS – BS EN 15763
Cadmium (mg/kg)	-	max 0.05	ICP/MS – VM/MET 865
Mercury (mg/kg)	-	max 0.03	ICP/MS – BS EN 15763
Microbiological criteria			
Yeasts and Molds (CFU/g)	-	max 100	ISO/FDIS 21527-2
Enterobacteriaceae (CFU/g)	-	max 10	SRPS ISO 21528-1
Number of aerobic colony (CFU/g)	-	max 1000	SRPS EN ISO 4833
Salmonella spp ( /25g)	absent	-	SRPS EN ISO 6579

### 3. Legal Acts

The product is in accordance with these regulations:

- 3.1 Regulation of the quality of starch and starch products for food industry  
Official Gazette of the SRJ no. 33/95; Official Gazette of the SCG no. 56/03, 4/04
- 3.2 Regulation on food additives, Official Gazette no. 63/13
- 3.3 Law on Food Safty  
Official Gazette of the RS no. 41/09
- 3.4 Regulation on general and special conditions of hygiene of food at any stage of production, processing and trade  
Official Gazette of the RS no. 72/10
- 3.5 Regulations on food hygiene requirements  
Official Gazette of the RS no. 73/10
- 3.6 Regulation on the maximum allowable residues of pesticides in food and animal feed and of food and animal feed which is determined by the maximum allowable amounts of residues of plant protection  
Official Gazette of the RS no. 29/14, 37/14, 39/14, 72/14
- 3.7 Regulations on the general declaration and marking of packed foodstuffs,  
Official Gazette of the RS no. 85/13
- 3.8 Law on Genetically Modified Organisms  
Official Gazette of the RS 41/2009
- 3.9 Law on safety of Foods and objects for general use Official Gazzete of the RS no. 92/2011
- 3.10 Regulation on the content limits of radionuclide in drinking water, food, animal feed, medicine, objects for general use, construction materials and other goods placed on the market  
Official Gazette of the RS 86/11, 97/13

	Made by:	Approved:
Name	Sanja Stefanov	Ljubica Nedeljkić
Signature		
<b>Starch Industry "JABUKA" Pančevo</b>	<b>PRODUCT SPECIFICATION MALTODEXTRIN</b>	<b>No: SP.30 Issue No.02/Date: November 2014.</b>

**4. Packaging**

Plasticized multilayer paper bags

**5. Marking/Declaration**

In accordance with Regulations on the general declaration and marking of packed foodstuffs, Official Gazette of the RS no. 85/13

**6. Storage conditions/Transport****Storage:** Dry space with good venting system, on pallets, kept away from chemicals and materials with specific odour.**Transport:** Closed transport vehicles, pallets wrapped in foil**7. Validity**

2 years

**8. Application****Food industry**

In meat products production, whipped cream, icecream, pastry, dressings, chocolate drinks, instant creams

**Other industry**

In pharmaceutical industry in production of tablets and comprimates

**9. Information for Special Needs Customer Group**

Allergenic constituent	Used as ingredient		Potential cross contamination	
	Yes/No	Nature of the constituent	Yes	No
Peanuts and products thereof	No			No
Crustaceans and products thereof	No			No
Fish and products thereof	No			No
Eggs and products thereof	No			No
Nuts and products thereof	No			No
Milk and products thereof (including lactose)	No			No
Soybeans and products thereof	No			No
Cereals containing gluten and products thereof (*)	No			No
Sulphur dioxide and products thereof	No			No
Celery and products thereof	No			No
Sesame seeds and products thereof	No			No
Mustard and products thereof	No			No
Mollusks and products thereof	No			No
Lupin and products thereof	No			No

(\*) Refer to wheat, rye, barley, rice, oats, kamut or their hybridised strains

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