



**SLOVŠKROB**  
SINCE 2003



# CORN STARCH

## I. PRODUCT IDENTIFICATION

Item	Value
Product name	Corn Starch
Appearance	Fine powder, odorless, white to bright yellow, with characteristic flavor. Easily absorbs other scents.
Chemical composition	Corn Starch is a carbohydrate, synthesized in plants through polymerization of the molecule D-glucose ((C <sub>6</sub> H <sub>10</sub> O <sub>5</sub> ) <sub>n</sub> ). Produced in wet milling process of corn.

## II. PHYSICAL AND CHEMICAL CHARACTERISTICS, MICROBIOLOGICAL PARAMETERS

Item	Limit	Value
Moisture (%)	max 14	MI.21 - SRPS EN ISO 1666
Total protein (%)	max 0.4	MI.22 - SRPS EN ISO 3188
Ash (%)	max 0.1	MI.25 - SRPS EN ISO 3593
Fat (%)	max 0.1	MI.23 - SRPS EN ISO 3947
Free SO <sub>2</sub> (mg/kg)	max 10	MI.26 - Acidimetry
pH-value (20% suspension)	4.5 – 6.8	MI.24 - Potenciometry
<b>Heavy metals content</b>		
Lead (mg/kg)	max 0.4	ICP/MS
Arsenic (mg/kg)	max 0.5	ICP/MS
Cadmium (mg/kg)	max 0.05	ICP/MS
Mercury (mg/kg)	max 0.03	ICP/MS



Item	Limit	Value
<b>Mycotoxin content</b>		
Aflatoxin (B1+G1+B2+G2) (ppb)	max 4	HPLC
Aflatoxin B1 (ppb)	max 2	HPLC
Zearalenone (ppb)	max 75	HPLC
Ochratoxin A (ppb)	max 3	HPLC
Fumonisin (B1+B2) (ppb)	max 1000	HPLC
<b>Microbiological critertia</b>		
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 10000	SRPS EN ISO 4833
Salmonella spp ( /25g)	absent	SRPS EN ISO 6579

### III. MARKING / LABELING

Regulation on declaration, labeling and advertising of foodstuffs, Official Gazzete of the RS no 19/17,16/18, 17/20, 118/20, 17/22, 23/22.

### IV. STORAGE CONDITIONS / TRANSPORT

#### Packed

Dry, well ventilated rooms, on the pallets covered with plastic foil, away from the chemicals and material with specific scent.

#### Bulk packaging

Silos

#### Transport

Closed vehicles, protected from any moisture source.

### V. MARKING / LABELING

Two years.



## VI. INFORMATION ON ALLERGENS

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			0

## VII. APPLICATION

### Food Industry

The function of the corn starch in the food products is: thickening, binding, texture carrier, food stabilization. It is used in the production of pudding, soups, salad dressings, pastries, candies, meet products.

### Pharmaceutical Industry

Corn starch is used for the fermentation substrate and tableting.

### Animal Nutrition

Corn starch is used in feed preparation.



**SLOVŠKROB**  
SINCE 2003



## VIII. GMO STATUS

Non GMO.

## IX. HALAL STATUS

Halal certificate

## X. KOSHER STATUS

Kosher certificate

## XI. LEGAL ACTS

**The product is in accordance with following regulations:**

- 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
- Regulation on food additives, Official Gazette of RS no. 63/13,53/18
- Law on Food Safety, Official Gazette of the RS no. 41/09,17/19
- 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
- Regulations on food hygiene requirements, Official Gazette of the RS no. 73/10
- Regulation on maximum concentrations of certain contaminants in food Official Gazette of RS 81 / 19,126 / 20, 90/21
- Guide for the application of microbiological criteria for food (first published June 2011) chapter IV.
- Regulation on declaration, labeling and advertising of foodstuffs, Official Gazette of the RS no 19/17, 16/18, 17/20, 118/20, 17/22, 23/22
- Law on Genetically Modified Organisms, Official Gazette of the RS 41/09
- Law on safety of Foods and objects for general use Official Gazette of the RS no. 92/2011
- Regulations on limits of radionuclide content in drinking water, foodstuffs, feeding stuffs, medicines, general use products, construction materials and other goods placed on the market, Official Gazette of the RS no.36/2018

Slovškrob, a.s.  
Hlavná 58  
941 43 Dolný Ohaj  
Slovenská republika

ID: 35 854 723  
VAT: SK2020289854



If you are interested or for more information, do not hesitate to contact us.  
We will be happy to advise you or prepare a tailor-made price offer.

✉ [obchod@slovskrob.eu](mailto:obchod@slovskrob.eu)

☎ 0905 505 047