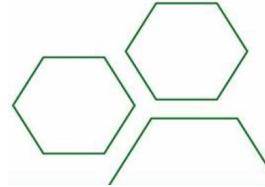


SPECIFICATION

Product name: POTATO STARCH

Country of origin: EU

General Characteristics	Starch is produced from potatoes in the process of mechanical grinding, washing out and refining. Refined starch is dried and sieved.
Destination	food industry, chemical industry, paper industry, in household for pastries, cakes, soups, desserts, sauces, for technical use in other industries
Organoleptic properties	Product form - matt powder, insoluble in water and ethanol Colour - White (according to CIEL min. 93) Odour and taste - Typical for potato starch, without any foreign odours and tastes
Nutritional and energy value (per 100g of product)	
Energy value	1377 kJ, 324kcal
Nutritional value per 100 g of product:	
Proteins	0,0 g
Fats	0,0 g
Carbohydrates	81,0 g
Sugars	0,6 g
Salt	0,1 g
Physical and chemical parameters	
Humidity	<20 %
pH	5,5 - 7,5
Ash content	<0,35% in dry matter
Macroscopic impurities	<50 pc/dm ² with tolerance 20%
SO ₂ content	<10 mg/kg
Content of mineral substances	<0,06 % s.s.
Insoluble in 10% solution of HCL	
Viscosity (german method 4,2% solution)	1100-1650°Bu
Allergens	Not present
Heavy metals	Lead 0,1 mg/kg Cadmium 0,1 mg/kg
Mechanical impurities	Unacceptable
Pests and their residues	Unacceptable
Residues of pesticides	Unacceptable
Ionisation	Not present
Microbiology (CFU)	
Total aerobic bacteria count, :5	<50.000 cfu in 1g
Coliformbacteria count	<100 cfu in 1g





Total yeast and mould count	<500 cfu in 1g
Total <i>Bacillus cereus</i> count	<10 cfu in 1g
Total <i>Salmonella</i> bacillus count	absent in 25g
Total <i>Clostridium botulinum</i> count	absent in 1g
Total <i>Escherichia coli</i> count	absent in 1g
Packaging	Ventilated paper bags, flexible big-bag containers
Net weight	0,5 kg, 1 kg, 25 kg, 40 lbs, 50 lbs, 1000kg
Labelling	Labels must contain the following data: name of product, manufacturer, production date, minimum shelf life, storage conditions.
Storage	Dry, clean and cool facilities (humidity 60-75%, temperature below 20°C). CAUTION - in temperature above 20°C weight loss may occur, as a result of humidity loss. The Manufacturer is not responsible for that
Shelf life	5 years from production date
Transport	Clean and dry transport means. Product is protected from damage and soaking.
Legal Acts	Certificate of analysis, the Act on Food and Nutrition Sanitary Conditions / Legal Acts in Force
GMO	Potato starch is not manufactured from genetically modified potatoes.
Declaration of conformity	Potato starch meets all relevant domestic and EU legal requirements for manufacturing, packaging, labelling, microbiology and impurities appearance.

