

## MultyDex<sup>®</sup> Sun Premium

### Product

MultyDex<sup>®</sup> Sun Premium – highly purified demineralized maltodextrin, obtained by controlled enzymatic hydrolysis of specially prepared starch, is a white powder, neutral taste, odorless, rapidly soluble in water to form a transparent solution. It is used in various sectors of the food industry, in the production of specialized food products, complex food and flavor additives, cosmetics and medicines.

### Product parameters\*

Appearance	Homogeneous fine powder
Color	White
Smell	Peculiar, without foreign smell
Taste	Typical, without foreign taste
Moisture, %	4,0 max
Dextrose Equivalent, %*	10,0-25,0
Ash, %	Less 0,10
pH (50% solution)*	4,5-6,5
Protein, %	Less 0,10
SO <sub>2</sub> , ppm	Negative
Bulk density, g/dm <sup>3</sup>	300-550
Iodine test	Negative
Sieve Test*	
residue on 45 microns	70,0 min
residue on 106 microns	30,0 max
residue on 500 microns	1,0 max
Carbohydrate profile (Dry Basis)	
Monosaccharides	2,0 max
Disaccharides	1,0-10,0

\*These parameters are set in accordance with the requirements of the customer

### Nutrition value in 100 g

Proteins, g	0
Fat, g	0
Carbohydrates, g	96
Nutritional value 100 g (caloric value), kJ/kcal	1630/380

### Application

MultyDex<sup>®</sup> Sun Premium is used in the manufacture of products for baby food and infant formula, in the production of specialized foods, cosmetics and medicines. It has food masses stabilizing functions, acts like a thickener, water-retaining agent. It is used to regulate the technological properties of semi-finished and finished products, food and energy value of products, as well as an inert carrier of substances.



**Safety characteristic**

Total plate count, CFU/g	1x10 <sup>3</sup> max
CGB (coli-forms)	Negative/1,0
Pathogenic microorganism including salmonella	Negative/25
Yeast, CFU/g	50 max
Mold, CFU/g	100 max
Pb, ppm	0,5 max
As, ppm	0,5 max
Cd, ppm	0,1 max
Hg, ppm	0,02 max
Hexachlorocyclohexane (α, β, γ-isomers), ppm	0,5 max
DDT and its metabolites, ppm	0,05 max

**GMO Statement**

There are no food and/or feed products manufactured or supplied by «SP Gulkevichsky» LLC Company that utilize genetically modified crops. There is no processed corn raw material that contains any transgenic materials.

**Country of Origin**

All products are manufactured from clean corn NON-GMO grown in the Krasnodar Region of Russian Federation.

**Certificates**

MultyDex® Sun Premium is produced according to the Specifications 10.62.13-021-55958380-2019 and meets the safety requirements of TR CU 021/2011 «Food Safety».

The product is aimed on Islamic law requirements and therefore are suitable for consumption in all Islamic countries . Production process is under control of Halal standardization committee.

Certificate NON GMO IP Supply Chain Standard № RU18/818418881.

Kosher Certificate № 2436/A.

The Certificate of FSSC 22000:2005 № RU19/818418997.

**Food safety**

MultyDex® Sun Premium is safe during transportation and storage, it is not a chemical product and a food allergen



**Composition**

Maltodextrin.

**Packaging**

Paper multilayer bags net weight 25 kg. Other types of packaging and net weight are possible.

**Storage conditions**

MultyDex<sup>®</sup> Sun Premium must be stored in dry, well-ventilated, odorless areas, with a temperature not exceeding 25 °C and a relative humidity not higher than 70 %.

**Shelf life**

MultyDex<sup>®</sup> Sun Premium shelf life is 24 months from the production date, subject to keeping the integrity of the package and to required conditions of transportation and storage.

