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SPAFA · Rev. 1 · Approved · Document d97926d49a9d

QUALITY APPROVED / TRADUZIONE APPROVATA · en · IT rev. 1

ALPHA-CYCLODEXTRIN

Product code	SPAFA
Available formats	SPAFA250 · 250 g · Sachet SPAFA1K · 1 kg · Sachet
Origin	USA
Country of packaging	Italy

The product

The product “alpha-cyclodextrin” appears as a white, odorless powder. Soluble fiber with emulsifying properties, obtained through enzymatic process from corn.

Ingredients

Alpha-cyclodextrin (derived from corn)

Use and dosage

Between 1% and 5% of total weight

Shelf life

3 years from production date.

Storage

Keep the container tightly closed in a dry and well-ventilated environment, away from food, feed, beverages and incompatible materials.

Packaging materials

bag: LDPE90 label: PAP22

Environmental indications

PLASTIC. Check local regulations. It is hereby declared that the materials used for packaging the product comply with European Union regulations and are suitable for direct contact with foodstuffs. The original certificate of compliance is available on request.

Declarations

NON-GMO: this product does not contain, is not composed of and is not obtained from genetically modified organisms, in accordance with Regulation EC 1829/2003 and Regulation EC 1830/2003 and subsequent amendments. Non-hazardous product under normal conditions of use.
PESTICIDES AND CONTAMINANTS: compliant with Regulation EC 396/2005 for maximum residue levels (MRL) of pesticides and Regulation EU 915/2023 for presence of heavy metals, mycotoxins and process contaminants.
GLUTEN FREE: in accordance with Regulation EC 828/2014 it can be labelled as "Gluten free" as the product may contain accidental gluten contamination up to a maximum of 20 mg/kg.

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Nutritional information

Parameter / component	Amount per 100 g
Energy	1683 kJ
Energy	179 kcal
Fats	0,0 g
of which saturates	0,0 g
Carbohydrates	89 g
of which sugars	0,0 g
Fibres	88 g
Proteins	0,0 g
Salt	0,0 g

Analysis and specific parameters

Category / parameter	Specification	Unit	Method
Chemical-physical Cyclodextrin content	≥ 98	%	
Chemical-physical Specific rotation [α]25/D	145 - 151	°	
Heavy metals Heavy metals	≤ 5	ppm	
Heavy metals Lead	≤0,5	ppm	
Heavy metals Arsenic	≤1,3	ppm	
Microbiological Total aerobic count	<1000	cfu/g	
Microbiological Salmonella spp.	Absent/10 g		
Microbiological Escherichia coli	Absent/10 g		

Category / parameter	Specification	Unit	Method
Chemical-physical Loss on drying	< 11	%	
Chemical-physical Water solubility at 25 °C	145	g/L	
Chemical-physical Reducing substances	< 0,5	%	

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Allergens and derived products

Presence in the product, production facility and risk of cross contamination are separate pieces of information. “To be verified” does not indicate absence.

Category	In the product	At the facility	Risk of cross contamination
Cereals containing gluten	No	No	No
Crustaceans	No	No	No
Eggs	No	No	No
Fish	No	No	No
Peanuts	No	No	No
Soybeans	No	No	No
Milk (including lactose)	No	Yes	Yes
Nuts	No	No	No
Celery	No	No	No
Mustard	No	No	No
Sesame seeds	No	No	No
Sulphur dioxide and sulphites	No	No	No
Lupin	No	No	No
Molluscs	No	No	No

Further information

The information contained in this sheet, although accurate and prepared to the best of our current knowledge, is for informational purposes only and releases Gioia Group s.r.l. from any responsibility regarding improper use of the referenced product.