

Specification

Specification No.: QM1000111
Version: 3
Valid from: 11.11.20

Item No.: MR100019
Item Description: Cordyceps CS-4 extract 30%
Bulk

General specifications

Specification	Value
Botanical name	Cordyceps sinensis
Product classification	Cultivated mushroom
Cultivated strain	CS-4
Solvent	Water
Extraction ratio	8:1- 10:1 (indicative)
Material used	100% mycelium
Origin of raw material	China
Method of Production	Conventional, liquid culture in fermenters
Processing in China	Grinding mycelium, metal detection ferrous 0,5-2mm, extracting with hot water, centrifuging, spray-drying

Technical specifications

Test name	Method	Specification	Result
Appearance	Visual	Powder, brown	complies
Different. Powder / Extract	Microscopy / other	Extract	complies
Polysaccharides	UV / Other	> 30%	complies
Loss on drying	Dryer	< 5%	complies
Ash	Dryer	< 10%	complies
Bulk Density	Ph. Eur. 2.9.34	0,49-0,66 g/ml	complies

Contaminants

Contaminant	Specification	Information
Lead	≤ 2 mg / kg	acc. to EU reg. 1881/2006
Cadmium	≤ 1,0 mg / kg	acc. to EU reg. 1881/2006
Mercury	≤ 0,1 mg / kg	acc. to EU reg. 1881/2006
Pesticides	complies EU standard	acc. to EU reg. 396/2005, 1881/2006
TAMC (TPC)	< 100.000 cfu / g	
TYMC (Yeast & Mould)	< 5.000 cfu / g	
E. coli	Absent	
Salmonella	Absent / 25g	
Staphylococcus	Absent / 25g	

Contaminant	Specification	Information
GMO	none GMO	acc. to EU reg. 1829/2003, 1830/2003
Irradiation	no irradiation used	acc. to EU DIRECTIVE 1999/3/EC
Nano	no nano particles contained	div. EU reg.
PAH	complies EU standard	acc. to EU reg. 1881/2006
Safety	this product is safe for human consumption	for the use in food and food supplements

Shelf life and storage conditions

Shelf life	4 years when properly stored
Storage parameters	Store at room temperature or lower, keep tightly closed, protect from light, humidity and insects

Packaging

Packaging	25kg / drum; paper drum, 5kg / PE-bag; 1kg / PE-bag
Inner-Packaging	filled in PE-bag, filled in second PE bag
PE Bags	food grade

Allergens declaration according to LMIV

Allergen	contained in product	Note
Gluten-containing grain (wheat, rye, barley, oats, spelt...	No	
Crustaceans / shellfish or products thereof	No	
Eggs or products thereof	No	
Fish or products thereof	No	
Lupins or products thereof	No	
Milk or Milk products (including lactose)	No	
Molluscs or products thereof	No	
Nuts or products thereof	No	
Sesame seeds or products thereof	No	
Peanuts or products thereof	No	
Soyabeans or products thereof	No	
Celery and celeriac	No	
Mustard or products thereof	No	
Sulphur dioxide and sulphites	No	

Nutritional values

per 100g

Energy	1566 kJ / 369 kcal
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	per 100g
Protein	9.4 g
Carbohydrates	80.5 g
Sugar	10.9 g
Fat	< 0.3 g
Saturated fatty acids	< 0.1 g
Fibre	4.1 g
Ash	2.2 g
Sodium	< 0.2 g