

Rapunzel Naturkost Rapunzelstraße 1 D-87764 Legau	PRODUCT SPECIFICATION Rapunzel Item-No: 420115 Product: Organic boulgour 5kg IT	Page: 1 / 2 Version: 0006 dated: 25.01.2021
agricultural origin: IT customs origin: FR		

Part 1 - Special product-specific requirements

1a. Sensorial requirements

Uniform yellowish to light brown pieces with typical smell and taste without any foreign smell or taste.

1b. Quality

Size/grain size:	2,5 - 1,6 mm: 70 - 90 %
	< 1,6 mm: 3 - 15 %
	> 2,5 mm: 4 - 20 %
Living pests:	no viable or augmentable stages of pests
Dead pests/Webs:	None
Clusters:	None, free flowing
Discolourations:	none
Impurities:	Total impurities: < 0,010 %
	Stones, hard material < 5mm (%): < 0,010 %
	Stones, hard material > 5mm: < 0,0010 %

1c. Chemical requests

Moisture:	< 14,00 %
Water activity:	< 0,65
Aflatoxin B1:	< 2 ppb
Aflatoxin sum of B1,B2,G1,G2:	< 4 ppb
Zearalenone:	< 0,075 mg/kg
Polycycl. arom. hydrocarbons:	Benzo(a)pyrene: < 1 ppb Sum of Benzo(a)pyrene, Benz(a)anthracene, Benzo(b)fluoranthene and Chrysene: < 5 ppb
Ochratoxin:	< 0,003 mg/kg
Deoxynivalenol (DON):	< 0,750 mg/kg
Heavy metals:	Lead: < 0,20 mg/kg
	Cadmium: < 0,20 mg/kg
	Mercury: < 0,01 mg/kg
Residues of pesticides + insecticides:	Organochlorine pesticides: < 0,010 mg/kg
	Organophosphorus pesticides: < 0,010 mg/kg
	Others: < 0,010 mg/kg
	Piperonyl butoxide: < 0,03 mg/kg
	Bromide: < 5 mg/kg
Residues of pesti+ insecticides:	According to BNN-orientation-values (see www.n-bnn.de) These values are valid with consideration of 50 percent analytical variation limit.

1d. Microbiological demands

Total count of aerob germs:	< 10 ⁶ CFU/g
Enterobacteriaceae:	< 10 ⁵ CFU/g
Escherichia Coli:	< 10 CFU/g
Yeasts:	< 10 ³ CFU/g
Moulds:	< 10 ⁴ CFU/g
Coagulase pos. Staphylococcus:	< 100 CFU/g
Bacillus cereus:	< 100 CFU/g
Salmonellas:	not detectable in 25g
Sulphite reducing clostridia:	< 100 CFU/g
Orientation values acc. DGHM:	Orientated according to guideline values of the German society for hygiene and microbiology (DGHM). http://www.dghm.org

Rapunzel Naturkost	PRODUCT SPECIFICATION	Page: 2 / 2
Rapunzelstraße 1	Rapunzel Item-No: 420115	Version: 0006
D-87764 Legau	Product: Organic boulgour 5kg IT	dated: 25.01.2021

1e. Production- / Manufacturing information

The cleaned hardwheat is boiled and dried. Afterwards it is peeled, coarsely kibbled, sieved and packaged. Recipe: Cook 250g Boulgour with ca. 375ml water at low temperatur for 15 - 20 minutes.

Heating > 40°C: yes

Ingredients (in descending order):

DURUM WHEAT* crushed and pre-cooked,

* = organic cultivation, ** = biodynamic cultivation

1f. Declaration of the product

NUTRITIONAL FEATURES:

per:	100g
Energy value kJ/kcal:	1484/351
Fat:	2,00 g
Of which saturated fatty acids:	0,30 g
Carbohydrates:	66,50 g
Of which sugars:	1,60 g
Fibres:	7,30 g
Protein:	13,00 g
salt:	0,030 g
Declaration:	day, month, year
Best before:	14 months
Shelf life (for Rapunzel):	10 months
Shelf life (retail):	5 months
Shelf life (wholesaler):	8 months

1g. Product labelling and storage (where applicable)

Packing unit:	1,00 x 5,00 KG
Gross weight of packing unit:	5,050KG
Packing measurement:	45,000 x 20,000 x 10,000 CM
Number of plies per pallet:	12
Packing units per palette:	108,000
Storage conditions:	Temperature of storage: < = 30 °C

1h. Supplier has to provide the following analyses to Rapunzel

DON:	Every harvest and orgin
Pesticides:	GC + LC-MS/MS
	each lot of raw material

1i. Parameters which are checked at entry of goods at Rapunzel

Pesticides, regularly:	Pesticides each year
Regularly:	Sensory
	Water activity
	Water content

WE ARE CONFIRMING THE COMPLIANCE OF:

- Product-Specification Part 1 specific demands

Version: 0006 from: 25.01.2021

- Enclosure Allergen Info

Version: 0006 from: 01.10.2018

- The specification was automatically created on the 09.03.2021 and is therefore valid without signature until revocation.

COMPANY (Date Signature Stamp)

Rapunzel Naturkost Rapunzelstraße 1 D-87764 Legau	PRODUCT SPECIFICATION Allergen-Information Rapunzel Item-No: 420115 Product: Organic boulgour 5kg IT	Page: 1 / 1 Version: 0006 dated: 01.10.2018
agricultural origin: IT customs origin: FR		

Enclosure Allergen Info VO (EU) Nr.1169/2011 Not measurable very small contaminations caused by wind / air circulation should not be named.	☒	Allergen present as an Ingredient Allergene Ingredients with allergen potential has to be named in details	Might contain traces of Allergen? ☒
01 Gluten containing cereals (d. h. wheat, rye, barley oats, spelt, kamut or crossbreedings) as well as their manufactured products.	X	Durum wheat	-
02 Shellfish and crustaceans and their manufactured products	-		-
03 Eggs and their manufactured products	-		-
04 Fish and their manufactured products	-		-
05 Peanut and their manufactured products	-		-
06 Soy and their manufactured products	-		-
07 Milk and their manufactured products (including lactose)	-		-
08 Nuts, f. e. almonds (Amygdalus communis L.), hazelnut (Corylus avellana), Walnut, (Juglans regia), Cashew nut (Anacardium occidentale), pecan nut, (Carya illinoiesis (Wangenh.) K. Koch), brazil nut (Bertholletia excelsa), pistachios (Pistacia vera), macadamia nut and Queensland nut (Macadamia ternifolia) and their manufactured products.	-		-
09 Celery and its manufactured products	-		-
10 Mustard and its manufactured products	-		-
11 Sesame and manufactured products	-		-
12 Sulphur dioxide and sulphite at a concentration of more than 10mg/kg or 10mg/l indicated as SO2	-		-
13 Others	-		-
14 Lupine and its manufactured products	-		-
15 Molluscs and their manufactured products	-		-
Allergen (According ALBA declaration)	[X]	mark by Please list ingredients	[X]
01 Cows milk protein	-		-
02 Lactose	-		-
03 Chicken egg	-		-
04 Soy protein	-		-
05 Soy oil	-		-
06 Gluten	X	Durum wheat	-
07 Wheat	X	Durum wheat	-
08 Rye	-		-
09 Beef	-		-
10 Pork	-		-
11 Chicken	-		-
12 Fish	-		-
13 Shellfish and crustaceans	-		-
14 Maize / corn	-		X
15 Cocoa	-		-
17 Legumes / pulses	-		X
18 Nuts (excluding coconut)	-		-
19 Nut oil	-		-
20 Peanut	-		-
21 Peanut oil	-		-
22 Sesame	-		-
23 Sesame oil	-		-
24 Glutamate (E620 bis E625)	-		-
25 Sulphite (E220 bis E228)	-		-
31 Coriander	-		-
32 Celery	-		-
34 Carrot	-		-
35 Lupine	-		-
36 Mustard	-		-
Others Information for Vegans	This product is vegan:[X] yes [] no		

This information has been carefully checked and approved. In case of changes of the allergen potential RAPUNZEL will be informed. At all the used ingredients comparable allergen data has been asked from the suppliers or processors. Their given information has been added to this list as well. Please consider, that costs which has been caused because of wrong information has to be charged to the responsible company. In case if allergen information (free of ...) has been labeled at the product, all companies which are in charge of the production line has to be informed, to assure, that even traces of allergen can be excluded.