

Rapunzel Naturkost Rapunzelstraße 1 D-87764 Legau	PRODUCT SPECIFICATION Rapunzel Item-No: 702630 Product: red lentils	Page: 1 / 2 Version: 0006 dated: 09.08.2012
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Part 1 - Special product-specific requirements

1a. Sensorial requirements

Orange to light red hulled lentil halves with typical smell and taste without any foreign smell or taste.

1b. Quality

Dirty ones:	< 0,10 %
Broken < 10%:	< 3,00 %
Size/grain size:	< 3 mm < 5 % > 5 mm < 1 %
Pest Control:	For pest elimination the product has been treated with Carbondioxyd.
Living pests:	no viable or augmentable stages of pests
Dead pests/Webs:	None
Weight of 100:	> 1,2 g
Clusters:	none
Impurities:	Total impurities: < 0,100 % Stones, hard material < 3mm: max. 2 pcs / 25kg Stones, hard material > 3mm: max. 2 pcs / 25kg Nat. soft material: < 0,2 % foreign species: < 0,200 %

1c. Chemical requests

Moisture:	June - September: < 14,00 % September - June: < 12,00 %
Water activity:	< 0,65
Heavy metals:	Pb: < 0,10 mg/kg Cd: < 0,10 mg/kg Hg: < 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
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 ⁵ CFU/g
Coliformes:	< 10 ⁴ CFU/g
Enterobakteriaceae:	< 10 ⁵ CFU/g
Escherichia Coli:	< 100 CFU/g
Yeasts:	< 10 ⁴ CFU/g
Moulds:	< 10 ⁴ CFU/g
Staphylokokkus aureus:	< 50 CFU/g
Salmonellas:	not detectable in 25g

1e. Production- / Manufacturing information

After the harvest the lentils are cleaned in several cleaning processes and checked via a metal detector additionally. Then they are hulled, splintered and sprayed with oil.

Heating > 40°C: yes, at least one raw material is heated > 40 °C

Ingredients (in descending order):

lentils*, sun flower oil deodorised*,

* = organic cultivation, ** = biodynamic cultivation, ° = in conversion

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1f. Declaration of the product

NUTRITIONAL FEATURES: (per 100g) naturally varying!

Energy value kJ/kcal:	1280/304
Fat:	1,50 g
Of which saturated fatty acids:	0,20 g
Carbohydrates:	40,60 g
Of which sugars:	1,10 g
Fibres:	17,0 g
Protein:	23,40 g
salt:	0,018 g
Declaration:	day, month, year
Best before:	18 months
Shelf life (for Rapunzel):	16 months
Shelf life (retail):	8 months
Shelf life (wholesaler):	10 months

1g. Product labelling and storage (where applicable)

Packing unit:	6,00 x 500,00 G
Gross weight of packing unit:	3,150KG
Packing measurement:	25,700 x 13,800 x 17,500 CM
Number of plies per pallet:	5
Packing units per palette:	125,000
Storage conditions:	Temperature of storage: < = 30 °C
	Relative humidity: < 65 %rHd

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

Pesticides:	GC + LC-MS/MS Glyphosate each lot of raw material
Heavy metals:	Every 5 years

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

Regularly:	Sensory Water activity Water content
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WE ARE CONFIRMING THE COMPLIANCE OF:

- **Product-Specification Part 1 specific demands**
Version: 0006 from: 09.08.2012
- **Enclosure Allergen Info Version: 0003 from: 25.08.2008**
This specification is valid until revocation.

COMPANY (Date Signature Stamp)

Rapunzel Naturkost Rapunzelstraße 1 D-87764 Legau	PRODUKTSPEZIFIKATION Allergen-Information Rapunzel Item-No: 702630 Product: red lentils 6x500g Bio TR	Page: 1 / 1 Version: 0003 dated: 25.08.2008
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Enclosure Allergen Info 2007/68/EG Not measurable very small contaminations caused by wind / air circulation should not be named.	<input checked="" type="checkbox"/>	Allergen present as an Ingredient Allergene Ingredients with allergen potential has to be named in details	Might contain traces of Allergen? <input checked="" type="checkbox"/>
01 Gluten containing cereals (d. h. wheat, rye, barley, oats, spelt, kamut or crossbreedings) as well as their manufactured products.	-		-
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 (<i>Amygdalus communis</i> L.), hazelnut (<i>Corylus avellana</i>), Walnut, (<i>Juglans regia</i>), Cashew nut (<i>Anacardium occidentale</i>), pecan nut, (<i>Carya illinoensis</i> (Wangenh.) K. Koch), brazil nut (<i>Bertholletia excelsa</i>), pistachios (<i>Pistacia vera</i>), macadamia nut and Queensland nut (<i>Macadamia ternifolia</i>) 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 SO ₂	-		-
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	-		-
07 Wheat	-		-
08 Rye	-		-
09 Beef	-		-
10 Pork	-		-
11 Chicken	-		-
12 Fish	-		-
13 Shellfish and crustaceans	-		-
14 Maize / corn	-		-
15 Cocoa	-		-
17 Legumes / pulses	X	Lentils red	-
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	-		-
No. 16,26,27,28,29,30 and 33 deleted since not according to actual ALBA-list.			
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.

Date:

Person:

Signature: