

**PRODUCT SPECIFICATION**

number: 00128
 index: e
 initials: jg
 date: 25/11/2016

IQF WHOLE GREEN BEANS EXTRA-FINE KENYA**1. Description**

Product description IQF whole green beans extra fine
 Process description The beans are washed, declustered, topped, blanched, cooled and individually quick-frozen.
 Latin name *Phaseolus vulgaris*
 Composition

	<u>size</u>	<u>%</u>	<u>geographic origin</u>
whole green beans extra-fine	Ø < 6,5 mm	100%	Kenya

 Legal name Quick-frozen green beans extra-fine
 Vegetarian/vegan information The product is suitable for vegetarians and vegans.

2. Microbiological standards (cfu/g)

	<u>MAXIMUM</u>
Total aerobic mesophile plate count	500 000
E. coli	100
Yeast and moulds	10 000
Coagulase-positive Staphylococci	100
Listeria monocytogenes	10
Salmonella spp.	absent/25g

3. Chemical standards

Heat treatment	blanched
Pesticides	in accordance with EC regulation 396/2005 and its modifications
Heavy metals, mycotoxins and nitrates	in accordance with EC regulation 1881/2006 and its modifications
GMO	the product is free from gmo, according to the EC regulations 1829/2003 and 1830/2003 and its modifications
Radiation	the product is not irradiated

4. Sensorial standards

Per 200 g (prepared)	
Colour	characteristic fresh green colour, uniform
Flavour/Odour	characteristic green bean flavour, slightly sweet, fresh, no off flavours/odours
Texture	tender, firm but not hard, no stringiness



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5. Average nutritional values

	per 100 g	unit	% RI* per 100 g	RI*
Energy	119	kJ	1%	8400
Energy	28	kcal	1%	2000
Fat	0,1	g	< 1%	70
of which saturates	0,06	g	< 1%	20
Carbohydrate	3,5	g	1%	260
of which sugars	0,4	g	< 1%	90
Fibre	3,1	g	-	-
Protein	1,8	g	4%	50
Salt	0,08	g	1%	6

Source	Analysis on product as sold
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*Reference intake of an average adult (8400 kJ / 2000 kcal)

6. Allergen information

Allergens according to the EU Regulation 1169/2011 and its modifications:	
	Product contains (+) or is free from (-) or cross contamination is possible (-*)
Cereals containing gluten, namely: wheat, rye, barley, oats, spelt, kamut or their hybridised strains, and products thereof; except: 1/ wheat based glucose syrups including dextrose, 2/ wheat based maltodextrins, 3/ glucose syrups based on barley, 4/ cereals used for making alcoholic distillates including ethyl alcohol of agricultural origin.	-
crustaceans and products thereof	-
eggs and products thereof	-
fish and products thereof; except: 1/ fish gelatine used as carrier for vitamin or carotenoid preparations, 2/ fish gelatine or Isinglass used as fining agent in beer and wine	-
peanuts and products thereof	-
soybeans and products thereof; except: 1/ fully refined soybean oil and fat, 2/ natural mixed tocopherols (E306), natural D-alpha tocopherol, natural D-alpha tocopherol acetate, natural D-alpha tocopherol succinate from soybean sources, 3/ vegetable oils derived phytosterols and phytosterol esters from soybeans sources, 4/ plant stanol ester produced from vegetable oil sterols from soybean sources	-
milk and products thereof (including lactose); except: 1/ whey used for making alcoholic distillates including ethyl alcohol of agricultural origin, 2/ lactitol	-

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nuts i.e. almonds, hazelnuts, walnuts, cashews, pecan nuts, brazil nuts, pistachio nuts, macadamia nuts and queensland nuts and products thereof; except: nuts used for making alcoholic distillates including ethyl alcohol of agricultural origin	-
celery and products thereof	-
mustard and products thereof	-
sesame seeds and products thereof	-
sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO ₂	-
lupin and products thereof	-
molluscs and products thereof	-
Other allergens (according to LeDa-list):	
Beef	-
Pork	-
Chicken	-
Corn/Maize	-
Cacao	-
Legumes/pulses	+
Glutamate	-
Coriander	-
Carrot	-

7. Definitions of defects**a) Foreign material**

This includes any non-vegetable material like insects, wood, glass, stones, metal, snails, etc.; and toxic vegetable material.

b) Foreign extraneous vegetable matter (FEVM)

This includes any vegetable matter, not derived from the plant of one of the ingredients, such as weed, leaves, etc.; except toxic vegetable material.

c) Extraneous vegetable matter (EVM)

This includes any vegetable material which is derived from the plant of one of the ingredients, but foreign to the product; such as pieces of leaf, stalks, etc.

d) Mechanical damage

This includes beans which are damaged by mechanical means.

e) Major blemishes

This includes units which are blemished to the extent that the area affected is greater than an equivalent circle of 4 mm diameter.

f) Minor blemishes

This includes units which are blemished to the extent that the area affected is greater than an equivalent circle of 2 mm diameter; blemishes totalling less than an equivalent circle of 2 mm diameter shall be ignored.



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g) Stringy beans

This includes beans with a very high breakage resistance.

h) Length < 2 cm

This includes beans which are < 2 cm in length.

i) Length 2-4 cm

This includes beans with a length between 2 and 4 cm.

j) Length 4-7 cm

This includes beans with a length between 4 and 7 cm.

k) Length > 7 cm

This includes beans which are > 7 cm in length.

l) Calibration

This includes beans with a diameter > 6,5 mm.

8. Defects

DEFECTS	MAXIMUM
Per 1000 g (frozen)	
a) Foreign material (number)	0
b) FEVM (number)	0
c) EVM (number)	2
d) Machanical damage (number)	3
e) Major blemishes (% by weight)	1%
f) Minor blemishes (% by weight)	5%
g) Stringy beans (% by weight)	1%
h) Length < 2 cm (% by weight)	0,5%
i) Length 2-4 cm (% by weight)	5%
j) Length 4-7 cm (% by weight)	20%
k) Length > 7 cm (% by weight)	minimum 75%
l) Calibration (% by weight)	8%

9. Packaging

Standard packaging options

RETAIL PACKAGING		
Net weight	50 g up to 2500 g	
Packaging	plastic bag / consumer carton box	
Pallet	euro / industry pallet	
INDUSTRY PACKAGING		
Net weight	3 kg up to 18 kg	carton + PE bag
	15 kg - 20 kg - 25 kg	PE bag
	octabins / ½ octabin	
Pallet	euro / industry pallet	

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All packaging materials are Food Grade (according to current European legislation).
The packaging and pallet layout should be agreed with the Ardo Sales Department.
Alternative packaging options can be discussed.

Lot number	L. LL(L) (BB) YDDD; LL(L) = factory number, (BB) = batch number, Y = year, DDD = day of the year of packing (consumer packs) / See packaging (bulk product)
Best Before	24 months from packing (max. 48 months from freezing)
Storage conditions	max. -18°C

10. Cooking instructions

Cook from frozen. Prepare as fresh vegetables with reduced cooking time. Ensure the product is piping hot before serving. Add spices to your own taste.
Do not refreeze after defrosting.

11. Picture

No, available on request.

12. Approval

	Approved on behalf of:	Approved on behalf of:
Company name:	Ardo Group	
Name:	Josefien GOUSSEAU	
Function:	Data Management Team	
Date:	25/11/2016	
Signature + stamp:	<p>DUJARDIN FOODS N.V. Zwevezeelsestraat 142 B-8851 ARDOOIE-KOOLSKAMP Tel.: +32 51 610 610 BTW : BE 0414.091.812 www.dujardin-foods.com</p>	
Remarks:		