



ARDO UK PRODUCT SPECIFICATION

Product name:	IQF RASPBERRIES 1x10kg or 4x2.5kg
Product code:	4862 / 4862100 / 4863 / RT0315
External code:	XFR98A / XFR60A
Date of first version :	12/05/2004
Date of revision:	21/01/2021
Version number:	14

DESCRIPTION



Legal name	Quick-frozen Raspberries
Latin name	<i>Rubus Idaeus</i>
Origin	Serbia, Poland, Croatia
Process description	Quick-frozen raspberries are prepared from ripe, firm, fresh, clean and sound raspberries by an appropriate freezing process to give free flowing product. The process will ensure stability of colour and flavour and the product temperature should be lower than -18°C after thermal stabilisation.
Size	N/A
Ingredient declaration	Raspberries 100%

Organoleptic

Appearance	Deep bright red in color, typical of variety. Color may range in intensity, but will be reasonably uniform. Some berries may have a 'deflated' appearance once defrosted.
Aroma	Mild, perfumed sweet aroma typical of Raspberries, free from taints and off odors.
Flavour	Fruity, initially sweet, with a lingering acid note typical of Raspberries, free from taints and off flavors.
Texture	Uniformly firm and tender, yielding to the bite. Some berry deflation may be present.



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MICROBIOLOGICAL STANDARDS (cfu/g)

	MAXIMUM
Total Viable Count	500,000
Coliforms	1,000
E. coli	50
Yeast	50,000
Moulds	10,000
<i>Listeria monocytogenes</i>	10
<i>Salmonella</i>	absent/25g

AVERAGE NUTRITIONAL VALUES

	per 100 g	unit	% RI*	RI*
Energy	168	kJ	2%	8400
Energy	40	kcal	2%	2000
Fat	0.3	g	< 1%	70
of which saturates	0.10	g	1%	20
Carbohydrate	4.6	g	2%	260
of which sugars	4.6	g	5%	90
Fibre	6.8	g	28%	24
Protein	1.4	g	3%	50
Salt	0.01	g	< 1%	6

*Reference intake of an average adult (8400 kJ / 2000 kcal)

Source	Based on Nutricalc Neo Software v.42 (cf. McCance & Widdowson 7th Edition)
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ALLERGEN INFORMATION

Allergens according to the EU Regulation 1169/2011 and its modifications:	
	Product contains (+) or is free from (-)
Gluten from cereals: 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	-
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):	
	Product contains (+) or is free from (-)
Beef	-
Pork	-
Chicken	-
Corn/Maize	-
Cacao	-
Legumes/pulses	-
Glutamate	-
Coriander	-
Carrot	-



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Free from:	
	Product contains (+) or is free from (-)
Oil refined to SCOPA std	-
Oil not refined to SCOPA std	-
Maize/Corn & derivates	-
Rice & rice derivates	-
Spices & spice extracts	-
Herbs & herb extracts	-
Yeast & Yeast extract	-
Fruit & Fruit Derivatives	+
Vegetable & Vegetable Derivatives	-
Leguminous Plants	-

Other:	
	Product contains (+) or is free from (-)
Additives	-
Natural Colours	-
Artificial Colours	-
Azo Dyes	-
Natural Flavourings	-
Flavouring Substances	-
Flavour Enhancers	-
MSG	-
Artificial Preservatives	-
BHA	-
BHT	-
Emulsifiers	-
Stabilisers	-
Artificial Sweeteners	-
Sugar	-
Molasses	-
Maltodextrin	-
Salt	-
Salt Substitutes	-
Irradiated Ingredients	-
Genetically Modified Material	-

Suitable for

	Yes	No	Remark
Kosher		v	not certified
Halal		v	not certified
Coeliacs	v		
Diabetics	v		
Lactose intolerant	v		
Vegetarians	v		
Ovo-lacto vegetarians	v		
Vegans	v		
Nut/seed allergy	v		













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DEFECTS

DEFINITIONS

<p>Foreign Matter (FM): Any matter of non-vegetable origin such as stones, soil, insect, wood, metal, plastic, and any toxic vegetation or anything which will render the product unacceptable.</p>		<p>Welding: Where two or more berries are fused together by freezing and cannot be readily separated without damaging the fruit. The number of berries occurring in clumps should be weighed.</p>	
<p>Foreign Extraneous Vegetable Matter (FEVM): Any vegetable matter not originating from the plant and which is non-toxic.</p>		<p>Under ripe Berries: Where more than one third of the berry is which or green as a result of immaturity. Unfertilised, small undeveloped berries are also included in this category.</p>	
<p>Extraneous Vegetable Matter (EVM): Any vegetable material originating from the plant, but excluding the fruit.</p>		<p>Moulded berries: these are berries which are completely rotten or have more than 25% of their surface covered in mould.</p>	
<p>Major Blemish: These are berries which are discoloured or blemished by wind rub, mould, bird damage or other agencies so that an area of the berry greater than an equivalent circle 6mm in diameter is affected either as one blemish or an aggregate of blemishes on the same berry.</p>		<p>Crushed Berries: These are whole berries whose sides have been flattened and which possess burst drupelets Broken berries: These are fruits where less than half the berry remains intact, and includes fragments.</p>	
<p>Minor Blemish: These are berries which are discoloured or blemished by wind rub, mould, bird damage, or other agencies so that an area of the berry equivalent to a circle 2 - 6mm in diameter is affected either as one blemish or as an aggregate of blemishes on the same berry.</p>		<p>Unplugged Berries: These are berries where the plug remains in the fruit. It may or may not be attached to the calyx or stalk.</p>	

NOMINAL SIZE

N/A

TOLERANCES

Assessed on a 500g sample (Frozen)	
Welding (%w/w) - IQF Berries only	5%
FM	0
FEVM	0
EVM	1
Under-ripe berries (No.)	2
Mouldy Berries (No.)	0
Major Blemishes (No.)	4
Minor Blemishes (No.)	10
Crushed Berries (No.)	4
Broken Berries (% w/w)	2%*
Ex processing line - Crumb (% w/w)	4%
Unplugged Berries (No.)	0

*On arrival at Ardo this figure may not exceed 4%, otherwise material is rejected or downgraded.

Note: an increase in the amount of broken berries can be expected after transportation.



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PACKAGING

Net weight	10kg
Pack Type	1x10kg or 4x2.5kg
Packaging	PE liner / bag in cardboard box
Palletisation	10 cardboard boxes / layer 70 cardboard boxes / pallet
Pallet	Blue Chep pallet
Lot number	XXYYDDD: where XX relates to factory code, YY is the year, DDD is the Julian date code
Best Before	24 months
Minimum Shelf Life on delivery	100 days
Storage conditions	Keep frozen at -18°C or below
Storage Defrosted	Keep refrigerated and use within 24 hours.

Outer case coding example

	Stock Code: 4862	Storage Instructions: Store at -18 °C or below. Do not refreeze once defrosted
Raspberries 4 x 2.5 kg e		Nutrition : Typical Values Per 100g Energy 168kJ / 40kcal Fat 0.3g of which saturates 0.10g Carbohydrate 4.6g of which sugars 4.6g Fibre 6.8g Protein 1.4g Salt 0.017g
		Ingredients : Raspberries (100%)
BEST BEFORE END:		
LOT CODE:		SPEC:
Produced for: ARDO UK LTD, ASHFORD ROAD, CHARING, ASHFORD, KENT. TN27 0DF. TEL: 44 (0) 1233 714714 www.ardouk.com		Defrost instructions: Remove from all packaging and defrost for approximately 2½ hours at room temperature.

RECOMMENDED USE

Defrost: Remove frozen fruit from all packaging and place on serving plate. Defrost thoroughly for a minimum of 21/2 hours at room temperature or for a minimum of 12 hours in the refrigerator. Keep refrigerated once defrosted. Use within 24 hours.



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WARRANTY

We warrant that this product, intended for food use will meet the requirements of Acts, Regulations and Orders applicable in the United Kingdom relating to the goods supplied, including but not necessarily limited to the following:

The Food Safety Act 1990 and all relevant Regulations and their amendments.

The Food Hygiene (England) Regulations 2006 and all relevant amendments.

The Materials and Articles in Contact with Food (England) Regulations 2005 and all relevant amendments.

All regulations made as a result of the requirements of European Union Directives and Regulations.

GENERAL STATEMENTS

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

APPROVAL

	Approved on behalf of:	Approved on behalf of:
Company name:	Ardo UK Limited Ashford Road, Charing, Ashford, Kent, TN27 0DF, UK Tel: +44 (0)1233 714714 Fax +44 (0)1233 714777	
Name:	Eliza LANGNER	
Function:	Technologist	
Date:	21/01/2021	
Signature + stamp:	<div style="border: 1px solid black; padding: 5px; display: inline-block;">ARDO UK LTD ASHFORD ROAD CHARING ASHFORD KENT TN27 0DF</div> <i>Eliza Langner</i>	
Remarks:		



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REVISIONS

Reason for revision	Date
New document format	18/07/2017
Minimum shelf life on delivery updated, defects visuals added, RT code updated	22/01/2018
COOs, microbiological standards and minimum life on delivery updated	21/01/2021