

FINAL PRODUCT SPECIFICATION_RTU QUALITY (IPM PRODUCE)

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1. GENERAL INFORMATION

PRODUCT NAME:	Seedless Dried Grapes (Vitis Vinifera)
COMMERCIAL NAME:	Turkish Sultanas
	Seedless dried grapes obtained from Vitis Vinifera species; lye dipped (potassium carbonate, olive oil and water solution), sundried in the vineyards, purchased from the farmers and stored in owned warehouses to clean from the contaminants in the factory.
IPM DESCRIPTION:	All IPM raw materials are grown and produced by Özgür approved and registered farmers in several villages around Manisa. All IPM raw materials have been traceable. Proactively used substances are authorized by us and limited to 4 pro-active pesticides. Our mutual target is the reduction of total number and doses of pro-active and permitted foreign pesticides.

2. PRODUCT COMPOSITION

INGREDIENT NAME	FUNCTION	COUNTRY OF ORIGIN	% in PRODUCT
1. Turkish Sultanas	Fruit	Turkey	99.5
2. Vegetable Oil(Non-GMO)*	Coating Agent	Turkey	0.5

^{*} Different types of vegetable oil is available to be used as per customer request. If nothing is specified by customer, cottonseed oil is used. (Oil types: High Oleic Sunflower Oil, Sunflower Oil, Cottonseed Oil, Rapeseed oil, Partially Hydrogenated Rapeseed Oil (for only bleached product)

3. ORGANOLEPTIC CHARACTERISTICS

ODOR:	Typical to raisins, no foreign odor
TASTE:	Sweet, slightly caramelised and fruity
FLAVOR:	Free off flavor
APPEARANCE:	Undamaged whole and clean
TEXTURE:	Freeflowing

4. PRODUCT SIZE

SIZE	MINIMUM	MAXIMUM	TOLERANCE*
ЈИМВО	-	240	+10
STANDARD	241	300	+-10
MEDIUM	301	400	+-10
SMALL	401	550	+-10
SMALL SMALL	551+	-	-10

Berry Size Uniformity: % 80 (Since the product is not round shape but sieved through round sieves, there is always possibility of % 20 non-homogenity.

* The product is sieved through round sieves with different sizes (8-8.5-9-9.5-10-11-12-13-14-15 mm) depending on the target berry size. Tolerance value is given because the product does not have a uniform size.

** Please pay attention for color coding once considering the product quality according to 100 g analysis.

5. PRODUCT COLOR

* Type 7-8-9-10-11 as per TS3411		
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6. PHYSICAL PARAMETERS*

PARAMETER	MINIMUM	MAXIMUM	UNIT
Stalks (4-10 mm)	0	1	12,5 kg
Stalks (10 mm)	0	1	125 kg
Embedded Stems	0	1	12,5 kg
Free Stems	0	1	12,5 kg
Stone (<2mm)	0	1	1 ton
Stone (>2mm)	0	1	1 ton
Damaged Berries	0	1,5	100 g
(standard and jumbo size)	0	1	100 g
(medium size)	0	1,5	100 g
Underdeveloped Berries (small size)	0	2	100 g
Underdeveloped Berries (small small size)	0	2,5	100 g
Shrivelled	0	1	100 g
Berries with seeds	0	2 berries	100 g
Sugarized Berries Before May	0	1	100 g
Sugarized Berries After May	0	2	100 g
Moldy Berries	0	1,5	100 g
	0	1	100 g
and jumbo berry size)	0	1 berries	100 g
Attached Capstems (medium berry size)	0	2 berries	100 g
Attached Capstems (small berry size)	0	3 berries	100 g
Attached Capstems (small small berry size)	0	4 berries	100 g
Not Donousers Fouriers	0	1	1 ton
	0	0	20 tonnes
Lump	0	5	12,5 kg
*TS3411 is taken as reference for parameters not specified in the specification.			

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- * USDA standard for capstems is 15/100 g.
- ** Not Dangerous Foreign Material: Sack rope, leaves, plant source material
- ** Dangerous Foreign Material: Glass, hard plastic, metal, wood etc.

7. HACCP

	Hat 1 Process	Hat 2 Process	Hat 3 Process
	7 times Aspirated, 2 times washed with UV filtered water, sieved through several sieves with different dimensions, 4 times laser scanned, Robot picked, X-Ray scanned, Inline and box metal detected	7 times Aspirated, 2 times washed with UV filtered water, sieved through several sieves with different dimensions, 5 times laser scanned, X-Ray scanned, Inline and box metal detected	7 times Aspirated, 2 times washed with UV filtered water, sieved through several sieves with different dimensions, 5 times laser scanned, X-Ray scanned, Inline and box metal detected
4th Laser Scanner (CCP1 for line 1) 5th Laser Scanner (CCP1 for line 2 and line 3)	Challenged with 11 different color of plastics used in the factory four times a day (white, yellow, green, red, blue, grey,orange,purple, transparent, pink		
X-Ray (CCP2)	Challenged with four test cards four times a day (4 mm Ceramic, 3 mm Glass, 1*3 mm Metal Wire, 1.5 mm Stainless Steel)		
Inline Metal Detector (CCP3)	Challenged with three test pieces four times a day (1 mm Fe, 1.2 mm Non-Fe, 1.5 mm Stainless Steel, 20 mm screw)		
Box Metal Detector (CCP3)	Challenged with four test cards four times a day (2 mm Fe, 2.5 mm Non-Fe, 3 mm Stainless Steel, metal embedded band aid)		

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8. CHEMICAL PARAMETERS

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PARAMETER	MINIMUM	MUMIXAM	UNIT
Moisture	14	17	%
Vegetable Oil (Non GMO)	0.3	0.5	%
Ochratoxin A*	0	8	ppb
Aflatoxin B1*	0	2	ppb
Aflatoxin B1+B2+G1+G2*	0	4	ppb
Pesticide	EC No: 396/2005 (max. 4 pro-active and Özgür approved pesticides. Drifts or traces of foreign pesticides are possible and should not exceed the BNN (Bundesverband Naturkost Naturwaren e.V.) reference value of 0,075 mg/kg. No Iprodione is used)		
Heavy Metal	EC No: 1881/2006		
* EU 1881/2006-466/2001			

9. MICROBIOLOGICAL PARAMETERS

PARAMETER	MINIMUM	MAXIMUM	UNIT
тус	10000	100000	cfu/g
Mold	10000	50000	cfu/g
Yeast	0	1000	cfu/g
E.coli	Not Detected	-	cfu/g
Salmonella	Not Detected	-	cfu/25 g
Bacillus Cereus	0	100	cfu/g
Lysteria Monocytogenes	Not Detected	-	cfu/25 g

EC No: 2073/2005 (As per customer request, the microbiological values can be decreased with additon of oven treatment to the process.)

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10. PACKAGING MATERIAL

Primary Packaging	w Denstiy Polyethylene with a one layer thicness of 35 micron	
Primary Packaging	Laminated OPP+CPP/OPP+OPP/OPP+PET (Retail Packing)	
Secondary Packaging Carton board box		
EU Regulation No: 1935/2004, 2023/2006 and EU Commision Directive 2002/72		

11. ADDITIONAL LABELLING REQUIREMENTS OTHER THAN STANDARD LABEL

Must -

12. STORAGE AND TRASPORT

Storage	Temperature: 8-25 degree Celcius Max RH: & 65	
Best Before	12 months recommended	
Intended Use	For industrial purposes. Suitable for bakeries and repackers	
Healt care	Diabetics, one who has kidney disease, careful on children below 3 years old	
Shipment Type	Bulk/Wooden Pallets/Plastic Pallets	
Distribution	Sea Container/Road Transport	
Fumigation	In transit fumigation via Magnesium Phosphide plate (1 plate per 20 feet container) For Australia and New Zeland shipments methyl bromide is used. (4 tube/20 ft container)	

13. NUTRITIONAL VALUES

Parameter	per 100 g	
Energy	1376,6 kj/324,1 kcal	
Total Fat Content*	0,49 g	
* of which saturated fatty acid	0,1 g	
* of which monounsaturated fatty acid	0,15 g	
* of which polyunsaturated fatty acid	0,23g	
Carbohydrates**	76,9 g	
Sugar Composition*		
1-Fructose* (%)	27,43	
2-Glucose* (%)	27,38	
3-Lactose* (%)	Not Detected	
4-Maltose* (%)	Not Detected	
5-Sucrose* (%)	Not Detected	
Total Dietary Fiber	5,23 g	
Protein	3 g	
Sodium	74,3 mg	
Council Directive 90/496/EEC (The values are analytical values, they are not calculated.)		

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14. GMO DECLERATION

We assure that our raw materials and auxiliary materials used for the product detailed below do not contain any Genetically Modified Organisms or derivatives. So also the vegetable oil used; in accordance with the regulation 1829/2003 on 'Genetically Modified Food and Feed' and 1830/2003 on the 'Tracebility and Labelling of Genetically Modified Organism', does not require any specific labelling.

15. IONIZATION DECLERATION

We assure that Seedless Dried Grapes (Vitis Vinifera) - Turkish Sultanas produced by our company has not been subjected to any radiation (EC No: 733/2008). Neither the raw material nor ingredients of the raw material have not been treated with ionizing radiation.

16. ALLERGENS & INTOLERANCES

Allergens	Present in the product	Present in other products manufactured in the same line	Present in the same manufacturing plant
Peanuts or Derivatives – e.g. groundnuts, peanut meal, peanut butter, peanut oil, peanut proteins,	N	N	N
mandelonas			
Tree Nuts or Derivatives – e.g. almonds, pecans,			
walnuts, brazil nuts, hazelnuts, pine nuts, pistachios, macadamia, cashew, almond oil, marzipan	N	N	N
Sesame Seeds or Derivatives – e.g. sesame oil, paste	N	N	N
Milk or Derivatives – e.g. whey, butter, casein, lactose, yogurt powder	N	N	N
Egg or Derivatives – e.g. egg powder, egg protein isolates, yolks	N	N	N
Fish or Derivatives – e.g. fish pro teins, oils, extracts	N	N	N
Crustaceans – e.g. shrimp, lobster, crab, crayfish and Shell Fish – e.g. mussels, snails, cockle, scallops, oysters, or their Derivatives e.g. extracts	N	N	N
Soy and Derivatives – e.g. soy protein, soy lecithin, tofu, soy sauce, soy isolates	N	N	N
Wheat, triticale or their derivatives, e.g. spelt, durum, wheat flour, kamut, rye, barley, oats triticale, seasonings,	N	N	N
flavour			
Gluten and source other than wheat -includes gluten protein or modified gluten protein from wheat, barley,	N	N	N
oats, rye, triticale, kamut, spelt, or any part thereof			
Sulphites [> 10 ppm] – e.g. sulphur dioxide, sodium metabisulphite, sodium sulphite, etc.	N	N	Υ
Mustard or Derivatives – e.g. mustard seeds, flour	N	N	N
Hydrolyzed Protein	N	N	N
Lupin and derivatives – includes lupin flour, seeds, flavorings	N	N	N
Celery and derivatives – includes celery root, seeds, seasonings	N	N	N
Poppy Seeds	N	N	N
Corn	N	N	N
Sunflower Seeds - include sunflower oil	Dependable	Υ	Υ
Tartrazine (Yellow #5)	N	N	N
Monosodium Glutamate	N	N	N

^{*}Allergen handled on site is Sulphur for bleached product. This product is produced on separate line. Allergen Policy is attached.

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Coeliacs	Υ	N
Jewish / Kosher	Υ	Υ
Muslims / Halal	Υ	Υ
Ovo-Lacto Vegetarias	Υ	N
Vegans	Υ	N
Vegetarians	Υ	N
	SUITABLE	CERTIFIED

Quality System Manager Quality Assurance and Continuous Improvement Manager