



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
PRODUCT DESCRIPTION:	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/Turgutlu. 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*	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*
JUMBO	-	240	+10
STANDARD	241	320	+/-10
MEDIUM	321	420	+/-10
SMALL	421	550	+/-10

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

* 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

Prepared By	Approved By
Quality System Manager	Quality Assurance and Continuous Improvement Manager

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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
Stone	0	1	1 ton
Damaged Berries	0	1	100 g
Underdeveloped Berries (standard and jumbo size)	0	1	100 g
Underdeveloped Berries (medium size)	0	1,5	100 g
Underdeveloped Berries (small size)	0	2	100 g
Shrivelled	0	1	100 g
Sugarized Berries Before May	0	1	100 g
Sugarized Berries After May	0	2	100 g
Moldy Berries	0	1	100 g
Free Capstems	0	1	100 g
Attached Capstems (standard 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
Not Dangerous Foreign Material*	0	1	1 ton
Dangerous Foreign Material**	0	0	20 tonnes
Lump	0	5	12,5 kg

* 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
Processing Type	7 times Aspirated, 2 times washed with chlorinated water (max 5 ppm), 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 chlorinated water (max 5 ppm), 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 chlorinated water (max 5 ppm), 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 9 different color of plastics used in the factory four times a day (white, yellow, green, red, blue, grey,orange,purple and transparent)		
X-Ray (CCP2)	Challenged with four test cards four times a day (4 mm Stone, 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)		

8. CHEMICAL PARAMETERS

PARAMETER	MINIMUM	MAXIMUM	UNIT
Moisture	14	17	%
Vegetable Oil (Non GMO)	0.3	0.5	%
Ochratoxin A*	0	10	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
TVC	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
Listeria Monocytogenes	Not Detected	-	cfu/25 g

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

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Quality System Manager	Quality Assurance and Continuous Improvement Manager

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10. PACKAGING MATERIAL

Primary Packaging	Low 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	-
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12. STORAGE AND TRASPOT

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
Distribution	Sea Container/Road Transport
Fumigation	In transit fumigation via Magnesium Phosphide plate (1plate per 20 feet container)

13. NUTRITIONAL VALUES

Parameter	per 100 g
Energy	1241 kj/292 kcal
Fat*	<0.5 g
* of which saturates	<0.1 g
Carbohydrates**	69 g
** of which sugars	69 g
Fibre	2 g
Protein	2.6 g
Salt	<0.05 g
Sodium	11 mg
Potassium	749 mg
Calcium	50 mg

* Council Directive 90/496/EEC (The values are not analytical values, they are calculated.)

Prepared By	Approved By
Quality System Manager	Quality Assurance and Continuous Improvement Manager

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14. GMO DECLARATION

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 'Traceability and Labelling of Genetically Modified Organism', does not require any specific labelling.

15. 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. arroundnuts, peanut meal, peanut butter, peanut oil, peanut proteins, mandelonas	N	N	N
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, sov 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, flavour	N	N	N
Gluten and source other than wheat includes gluten protein or modified gluten protein from wheat, barley, oats, rye, triticale, kamut, spelt, or any part thereof	N	N	N
Sulphites [> 10 ppm] – e.g. sulphur dioxide, sodium metabisulphite, sodium sulphite, etc.	N	N	Y
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	Y	Y
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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