



FINAL PRODUCT SPECIFICATION_RTU QUALITY (IPM PRODUCE)

Document no: FN-IPM-01
Issue date: 19.11.2018
Revision: 3
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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

*Sunflower or cotton oil in buyers option.

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	-	220	+10
STANDARD	221	300	+/-10
MEDIUM	301	400	+/-10
SMALL	401	550	+/-10

* 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.

5. PRODUCT COLOR

* See the Appendix sent together with this specification.

Prepared By	Approved By
Operational Excellence Manager	General 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	%
Underdeveloped Berries	0	1	%
Sugarized Berries Before May	0	1	%
Sugarized Berries After May	0	2	%
Moldy Berries	0	1	%
Free Capstems*	0	2	%
Attached Capstems*	0	2	%
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 piece/pound

* Not Dangerous Foreign Material: Sack rope, leaves, plant source material

** Dangerous Foreign Material: Glass, hard plastic, metal, wood etc.

7. HACCP

Processing Type	8 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
5th Laser Scanner (CCP1)	challenged with 7 different color of plastics used in the factory four times a day (white, yellow, green, red, blue, grey, 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 in every half an hour (1 mm Fe, 1.2 mm Non-Fe, 1.5 mm Stainless Steel)
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	%
Vegitable 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
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	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. 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
Distribution	Sea Container/Road Transport
Fumigation	In transit fumigation via Magnesium Phosphide plate (1plate per 20 feet container)

12. 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.)	

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13. ALLERGENS

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, 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 proteins, 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, 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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