Technical Specification: MC 402 - Sultana raisins STD 9 RTU - 12.50kg

General Information

Code	402
Product	Sultana raisins STD 9 RTU - 12.50kg
Description	Turkish Sultanas type 9. Seedless dried grapes obtained from the 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, then cleaned from contaminants in the factory.
Origin	Turkey
Shelf Life	12 months
Cartons per pallet	80
Cartons per layer	8
Layer per pallet	10
Net weight	12.50kg
Type of packaging material	Low density polyethylene (LDPE), single layer 45 micron | Carton board box

Ingredient List

Turkish sultanas	
Cottonseed oil (non-GMO)	

Product Specific Information

Parameter	Value
Variety	Vitis vinifera, seedless
Commercial name / type	Turkish Sultanas / Type 9
Process	Lye dipped (potassium carbonate, olive oil and water solution), sundried in the vineyards, cleaned in the factory
Coating	Cottonseed oil (non-GMO)
Size standard	Min. 201 - max. 260, tolerance ±10 (according to 100 g analysis, TS 3411)
Size small	360+, tolerance ±10 (according to 100 g analysis, TS 3411)
Berry size uniformity	80 %

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Colour	Determined each year after the grape harvest based on the colour chart published in TS 3411
Texture	Free-flowing
Flavour	Sweet, slightly caramelised and fruity; free from off-flavour
Odour	Typical of raisins, no foreign odour
Appearance	Undamaged, whole and clean

Foreign Body Control

Type	Subtype	Value
Stalks (4-10 mm)		max. 1 per 12.5 kg
Stalks (10 mm)		max. 1 per 125 kg
Embedded stems		max. 1 per 12.5 kg
Free stems		max. 2 per 12.5 kg
Stones (<2 mm)		max. 1 per 1 ton
Stones (>2 mm)		max. 1 per 1 ton
Free capstems		max. 1 per 100 g
Attached capstems (standard and jumbo berry size)		max. 1 berry per 100 g
Attached capstems (small berry size)		max. 3 berries per 100 g
Non-dangerous foreign material (sack rope, leaves, plant source material)		max. 1 per 1 ton
Dangerous foreign material (glass, hard plastic, metal, wood etc.)		0 per 20 tonnes

Defect Tolerance

Defect	Subtype	Tolerance
Damaged berries		max. 1.5 per 100 g
Underdeveloped berries (standard and jumbo size)		max. 1 per 100 g
Underdeveloped berries (small size)		max. 2 per 100 g
Shrivelled		max. 1 per 100 g
Sugarized berries before May		max. 1 per 100 g
Sugarized berries after May		max. 2 per 100 g
Mouldy berries		max. 1.5 per 100 g
Lumps		max. 5 per 12.5 kg

Heat Treatment

No heat treatment

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Microbiology (at production)

Parameter	Limit	Method
Total viable count	Max. 100000 cfu/g	TS EN ISO 4833-1 / Monthly, external laboratory
Moulds	Max. 50000 cfu/g	ISO 21527-2 / Monthly, external laboratory
Yeasts	Max. 1000 cfu/g	ISO 21527-2 / Monthly, external laboratory
Coliforms	< 10 cfu/g	ISO 4832 / Monthly, external laboratory
E. coli	Negative in 1 g	TS ISO 16649-2 / Monthly, external laboratory
Salmonella	Negative in 25 g	TS EN ISO 6579-1 / Monthly, external laboratory
Bacillus cereus	<100 cfu/g	DS/EN ISO 7932 / Monthly, external laboratory
Listeria monocytogenes	Negative in 25 g	ISO 11290-1 / Monthly, external laboratory

Physical and Chemical Characteristics

Parameter	Value
Moisture	14-17 %
Cottonseed oil (non-GMO)	0.3-0.5 %
Ochratoxin A	Max. 8 ppb
Aflatoxin B1	Max. 2 ppb
Aflatoxin B1+B2+G1+G2	Max. 4 ppb
Pesticides	According to EC No 396/2005
Heavy metals	According to EC No 915/2023

Nutritional Values	Per 100g
Energy	1365 kJ / 323 kcal

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Fat	0.2g
Of which saturated	0.02g
Carbohydrates	83g
Of which sugars	71g
Fibre	12g
Protein	3.2 g
Salt	0.30g

Intolerance Data (according to EU 1169/2011)

Ingredients and derivates causing hypersensitivity according to EU legislation.	Used in the product?		Used on same equipment	Able to cross contaminate product?		
				Homo-geneous (eg, powder, liquid, paste)	Particulate (eg seeds, Nuts, beans, Flakes,	
	Yes	No	Yes	Yes	Yes	No
Cereals containing gluten		X				X
-Wheat		X				X
-Rye		X				X
-Barley		X				X
-Oats		X				X
Crustaceans		X				X
Eggs		X				X
Fish		X				X
Peanuts		X				X
Soybeans		X				X
Milk		X				X
Nuts		X				X
-Hazelnut		X				X
-Walnut		X				X
-Almond		X				X
-Cashew		X				X
-Pecan nut		X				X
-Brazil nut		X				X
-Pistachio nut		X				X
-Macadamia nut		X				X
Celery		X				X
Mustard		X				X
Sesame		X				X
Sulphur dioxide and sulphites		X				
Lupin		X				X
Molluscs		X				X

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Storage Conditions

Temperature 8-25 °C, max. RH 65 %. Transport by sea container / road transport.

Legal Information

The supplier hereby declares that all products delivered to Markelbach Corne conform to the applicable regulations, in particular:

Contaminants: EC/2023/915 (and amendments): setting maximum levels for certain contaminants in foodstuffs.

Material and articles coming into contact with food: EC/1935/2004, EC/2023/2006.

Food information and allergens: EC/1169/2011 and amendments.

Pesticide residues: EC/396/2005, 2007/7/EC, 86/362/EC, 90/642/EC and their amendments.

Coating materials: BPA and others EC/1895/2005 of 18 November 2005 on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food.

Radioactive contamination of food and feed: regulations EC/2016/52, EC/2016/6.

GMO declaration:

The representative from Markelbach Corne N.V. declares and certifies that this product is not subject to the labelling obligations under regulations EC/1829/2003 and EC/1830/2003.

Declaration of Non-Ionisation Non-Irradiation:

The undersigned declares and certifies that this product has not been radiated or treated with ionising radiation.

Validation

Version Number	(Electronically) Validated by:
v10.2026	FP
Date: 30/10/2026	Date: 30/10/2026

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