



# ORGANIC IQF STRAWBERRY PRODUCT SPECIFICATION A GRADE

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## 1- PRODUCT DESCRIPTION :

IQF Strawberry are prepared by the appropriate process from *Fragaria L.* variety and which have been sorted, cleaned, washed. Products are free of insect, damage, blemishes, foreign bodies. The process ensure the stability size, colour, flavor and texture. The final product temperature on delivery is not warmer than - 18°C. The product comply in all respects with the provisions of the current Food and Drugs Legislation and with any applicable FAO/WHO Codex Alimentarius standart.

Nominal size: Un-calibrated, 10-18 mm, 18-22 mm, 22-26 mm, +26 mm

**2-PRODUCT COMPOSITION:** 100 % Organic Fresh Strawberry

## 3-PHYSICAL QUALITY :

Max.Tolerances per 1000g

CRITERIA	Description	10-18	18-22	22-26	26+	Un-calibrated
Foreign Material	Foreign matter include such as wood, stones, insects, grit, etc,	Nil	Nil	Nil	Nil	Nil
E.V.M.	Any non-toxic vegetable material from the parent plant	1 pcs	1 pcs	1/10kg	1/10kg	1/10kg
Clumps	3 or more fruits are welded together which cannot be seperated	1%	1%	1%	2%	2%
Minor blemish	Parts of the strawberry which are showing black or brown discolouration or blemished to extend between 2-5mm	8 pcs	8 pcs	5 pcs	4 pcs	4 pcs
Major Blemish	Parts of the strawberry which are showing black or brown discolouration or blemished to extend greater than 5 mm	5 pcs	5 pcs	4 pcs	2 pcs	2 pcs
Stalk & Calyx	Any attached stalk which one longer than 3 mm	10 pcs	8 pcs	5 pcs	5 pcs	5 pcs
Leaf	Leaves or/and calyx that couldn't be removed during product	8 pcs	5 pcs	2 pcs	2 pcs	2 pcs
Rotten	Fruits which one is a rotten	6 pcs	3 pcs	2 pcs	1 pcs	1 pcs
Physical Damage/Makeyface	Crushed or damaged fruits	15 psc	10 psc	5 psc	5 psc	5 psc
Unripe (Green&White)	To the extend 25% or more of the surface is green and white	10 psc	8 psc	5 psc	4 psc	4 psc
Undersize	Fruits that are smaller than nominal diameters	—	5%	5%	5%	—
Oversize	Fruits that are bigger than nominal diameters	5%	5%	5%	—	—
Brix		6-11	6-11	6-11	6-11	6-11

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## SENSORY PROPERTIES

1	Colour	Typical colour of fresh ripe fruit
2	Structure	Uniform ,fresh ripe typical structure , should not be hard.
3	Taste	Specific flavour and taste of fresh ripe fruit
4	Odour	Specific odour.

## 4- BACTERIOLOGICAL LIMITS :

	Limit's (Max.)
Total mesophilic aerobes / g	≤100.000
T.Coli form / g	≤100
E.Coli / g	< 10
Mould / g	≤10.000
Yeasts / g	≤10.000
Listeria Monositogenes / 25 g	Absent
Salmonella / 25 g	Absent
E.Coli O 157 :H7	Absent

Suitable with Turkish Food Codex, Microbiologic Criteria Belong to Turkish Regulation (No: 2009/6 Ek-1/15.11)

## 5. PRODUCTION CONTROLS

Metal Detection	Detector to reject test pieces "in-pack" 2,5mm Ferrous, 3,0mm Non-ferrous & 3,0mm Stainless steel
Temperature Checks	Final Packed product temperature not to be warmer than -18 C°
Weight Control Checks	No light weights to be packed Contents to conform to NET WEIGHT None < Nominal

## 6. NUTRITIONAL VALUE

Average per 100 g

Nutritional Data	g per 100 g	Nutritional Data	g per 100 g
Energy kJ / kcal	147 / 35	Calcium, Ca	16 mg
Protein	0.4 g	Magnesium, Mg	11 mg
Carbohydrates	9.1 g	Sodium, Na	2 mg
Total sugars	4.56 g	Saturated fat	0.006 g
Fat	0.11 g	Monounsaturated fat	0.015 g
Dietary fiber	2.1 g	Vitamin A, IU	45 IU
pH	3.1- 3.7	Ash	0.4 g
Polyunsaturated fat	0.054 g	Vitamin D	0 IU
Vitamin D(D2+D3)	0.0 µg	Potassium	148 mg

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## 7. DECLARATION OF ALLERGENS

Allergen included in ANNEX IIIa of the directive 2000/13/EG	Present in end product due to ingredients		Present in factory		Possibility of trace in end product		Allergen is present in: (give details where the allergen is located)
	YES	NO	YES	NO	YES	NO	
Cereals containing gluten		x		x		x	
Crustaceans and products thereof		x		x		x	
Eggs and products thereof		x		x		x	
Fish and products thereof		x		x		x	
Peanuts and products thereof		x		x		x	
Soybeans and products thereof		x		x		x	
Milk and products thereof		x		x		x	
Celery and products thereof		x		x		x	
Mustard and products thereof		x		x		x	
Sesame seeds and products thereof		x		x		x	
Sulphur Dioxide (>10 ppm)		x		x		x	
Lupin and products thereof		x		x		x	
Molluscs and products thereof		X		x		X	
Nuts i.e. almonds, hazelnuts, walnuts, cashews, pecan nuts, Brazil nuts, pistachio nuts, macadamia nuts and Queensland nuts and products thereof		x		X		x	

**Ref:** Directive 2000/13/EEC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 March 2000 on approximation of the laws of the Member States relating to the labelling, presentation and advertising of foodstuffs

**Ref:** Turkish Food Codex – Labelling Regulations R.G. 29.12.2011 / R.G. No: 28157

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## 8. PACKAGING ITEMS AND LABELLING

### 8.1 PACKAGING ITEMS:

All packaging items to be agreed with customers

ITEMS	PROPERTIES
Cases	Clean ,rigid cardboard boxes
Polybag	Clean , blue , polyethylene bags
Tape	blue, self adhesive tape
Label	one per case
Pallet	Standart four way entry : (100x120) or (80x120) cm , clean , free from damage , foreign material and preservatives Correct size for product. Fits pallet Interlocked stowage
Pallet wrap	All pallets are wrapped
Weight per case / unit	10 kg,
Number cases per pallet	for 10 kgs :80 -120 cases, per 1 pallet

### 8.2 LABEL DETAIL:

- **Name of product:** ORGANIC IQF FROZEN STRAWBERRY
- **Production date:** DDMMYY
- **Best Before Date:** DDMMYY
- **Lot No:** (Product Name), B/S(Growing area code), 1 digit code(Production year), 3 digit code(day of year), 1 digit code(the truck no. arrived on that day)
- **Net weight:** X Kgs
- **Producer:** MAPEKS A.S
- **Origin:** Turkey
- **Imported By:** Customer name
- **Certified By:** Certification body name

**9. STORAGE** Storage at -18 °C or below

**10. DISTRIBUTION** Goods should be loaded at -18 °C

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## 11. TERMS OF SERVICE

- Keep cold storage at -18 °C or below
- Don't freeze after thawing.

## 12. CONSUMER GROUP

All consumer groups may consume.

## 13. Pesticide Analysis

Pesticide values should be suitable according to Turkish Food Codex, Maximum Residue Limits Legislation ( No: 2009/62 ) Regulation (EC)n.834/2007 and 889/2008.

## 14. GMO

Our products are free from GMO (not contain any GMO) according to Turkish regulation on genetically modified organisms to and products and Regulation (EC) No 1829/2003 of the European Parliament and of the Council of 22 September 2003 on genetically modified food and feed.

## 15. HEAVY METAL ANALYSIS

The products are in accordance with Regulation (EC) No 1881/2016.

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