



**Medjool Product characteristics & specifications**

**General**

<b>Origin</b>	Israel
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<b>Product Name</b>	Medjool Dates
<b>Plant species</b>	Phoenix dactylifera
<b>Product description:</b>	
Typical attributes	Succulent and sweet
Color	Light to dark- brown (depending on cultivation region)
Texture	Juicy and succulent
Quality	Defined by the following table
Components	100% Natural Medjool Dates
Humidity	23%-26%
Odor	None

#	Quality/Size	Weight per unit	Skin Separation
1	Premium Super Jumbo	27 gr+	0%-10%
2	Premium Jumbo	23-27 gr	0%-10%
3	Premium Large	18-23 gr	0%-10%
4	Premium Medium	15-18 gr	0%-10%
5	Choice Jumbo	23-27 gr	10%-30%
6	Choice Large	18-23 gr	10%-30%
7	Choice Medium	15-18 gr	10%-30%
8	444	18 gr+	30%-40%



<b>Process description:</b>	
1. Receive produce in the packing house	Dates are sent from the grower and received at the packing house, each pallet is labeled with the delivery number.
2. Disinfection	The dates are heat disinfected at 52°C for 4 hours at the packing house green house.
3. Washing and sorting	The dates are fed into the sorting machine, are washed at the beginning of the process and then they are machine sorted according to the company's size and quality definitions which are fed into the sorting machine computer.
4. Shrink and cover	The dates are packed in a designated package, and after weight testing for each carton by a quality control team the final carton is covered by plastic shrink wrap and carton cover.
5. Labeling	Each carton cover is labeled according to the client's request and approval. Final cartons are placed on a pallet and after palletizing the pallet is labeled with the following information: barcode, quality/size of the dates, client information and date of production.
6. Quality assurance	The quality assurance team tests the product at various stages of the process, at the feeding area, machine exits and before the shrink wrap. In addition every batch is tested before loading on loading day.
7. Lab tests	The dates are sent for lab tests which include microbial and pesticide residue tests. Additional lab tests are performed at the client's request.
8. Storage	The dates are kept fresh and unharmed in refrigerated conditions at -18° C. This temperature maintains the fruit's quality for a long period of time.



<b>Shelf life</b>	1 year at -18°C
<b>Shipping</b>	The Dates are shipped in 20 ft or 40 ft refrigerated containers -18°C
<b>Quality standards</b>	Global Gap, BRC
<b>Fair trade standards</b>	Smeta
<b>Organic standards</b>	Control union, USDA, PPISEU

**Product values**

Analytical	Target	Minimum	Maximum	Method used to determine value	
Moisture	25%	23%	26%	Packing house test kit	
Mycotoxins:	• Aflatoxin B1	-	-	5 ug/kg	Lab test
	• Aflatoxin total	-	-	15 ug/kg	Lab test

Microbiological	Maximum	Value	Method used to determine value
Total plate count	10 <sup>3</sup>	Cfu/g	Packing house test kit
Yeasts	10 <sup>3</sup>	Cfu/g	Lab test
Mould	10 <sup>3</sup>	Cfu/g	Lab test
E. coli	Negative	/10g	Lab test
Salmonella	Negative	/25g	Lab test

Metal detection calibration	Fe	Non Fe	Sts
	1.2 mm	1.5 mm	2.0 mm

<b>GMO</b>	The product or its components does not contain GMO
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<b>Packaging solutions</b>	Cartons
<b>Package weight</b>	180 gr- 908 gr, 1kg, 2kg, 5 kg

## Nutritional Values and Allergens

### Nutritional values per 100 gr

#### Calorie information

Calories	277(1160KJ)
From carbohydrates	270(1130KJ)
From fat	1.3 (5.4KJ)
From protein	6.1 (25.5KJ)
From alcohol	- (0.0KJ)

#### Carbohydrates

Total Carbohydrate	75.0 gr
Dietary Fiber	6.7 gr
Starch	-
Sugars	66.5 gr

#### Fats & Fatty Acids

Total fat	0.2 gr
Saturated fat	-
Monounsaturated fat	-
Polyunsaturated fat	-
Total trans fatty acids	-
Polyunsaturated fat	-

#### Protein

Protein	1.8 gr
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#### Vitamins

Vitamin A	149 IU
Vitamin C	0.0 mg
Vitamin K	2.7 mcg
Thiamin	0.1 mg
Riboflavin	0.1 mg
Niacin	1.6 mg
Vitamin B6	0.2 mg
Folate	15.0 mcg
Pantothenic acid	0.8 mg
Choline	9.9 mg
Betaine	0.4 mg

#### Minerals

Calcium	64.0 mg
Iron	0.9 mg
Magnesium	54.0 mg
Phosphorus	62.0 mg
Potassium	696 mg
Sodium	1.0 mg

<https://nutritiondata.self.com/facts/fruits-and-fruit-juices/7348/2>

**Allergens**

DC: doesn't contain MC: May contain C: Contains

Allergens	Included in product	Treated at the packing house	Can be cross contaminated from raw materials
Cereal containing gluten (i.e. wheat, rye, barley, oats, spelt, or their hybrids) and products thereof	DC	NO	NO
Crustaceans and products thereof	DC	NO	NO
Shellfish and products thereof	DC	NO	NO
Eggs and products thereof	DC	NO	NO
Fish and products thereof	DC	NO	NO
Peanuts and products thereof	DC	NO	NO
Soybeans and products thereof	DC	NO	NO
Milk and products thereof (including lactose)	DC	NO	NO
Nuts (i.e. almonds, hazelnut, walnut, cashew, pecan nut, macadamia nut, queensland nut) and products thereof	DC	NO	NO
Celery and products thereof	DC	NO	NO
Mustard and products thereof	DC	NO	NO
Sesame and products thereof	DC	NO	NO
Sulphur dioxide and sulphites	DC	NO	NO