



OliveNation LLC

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PRODUCT DATA SHEET

HALVES AND PIECES PISTACHIOS KERNELS RAW (HEAT TREATED)

1. DESCRIPTION:

Halves and pieces pistachio kernels are clean, well dried, free from excessive defects and damage. The parameters listed are graded in accordance with the definitions prescribed by the *United States Standards for Grades of Shelled Pistachio Nuts* for the various defects. This specification is the Wonderful Pistachios & Almonds, LLC standard for half and pieces pistachio nuts for the crop year mentioned above.

2. ALLERGENS:

Tree Nuts

3. CHEMICAL SPECIFICATIONS:

PARAMETERS	VALUE	UOM	ANAYLSIS METHOD
Moisture	3.5 to 6.0	%	ISO 665
Peroxide Value	3.0 max	meq/kg	AOAC 965.33
Free Fatty acids	1.0 max	%	AOAC 940.28

Aflatoxin:	Complies with regulations of the country of use and importation	AOAC 991.31
*Pesticide residue:	Complies with all Federal and State regulations	FDA PAM

*Inputs composite are tested annually for Pesticide residue

4. MICROBIOLOGICAL SPECIFICATIONS:

Salmonella: Negative

PCT Index Score: <10

Note: PCT is a proprietary, PCR-based method developed by the Institute for Environmental Health (IEH)

5. ORGANOLEPTIC SPECIFICATIONS:

FLAVOR:

Typical Pistachio flavor, free from rancidity, off flavors or odors

TEXTURE:

Moderately firm

COLOR:

Green exterior with a white to light cream interior

6. PHYSICAL SPECIFICATIONS:

PARAMETERS	VALUE	UOM
Whole Kernels	0 to 25	%
Half Kernels	50 to 100	%
Pieces (through a 16/64 RH)	5 to 20	%
Meal (through a 8/64 RH)	0 to 1	%
Damage	0 to 2.5	%
Serious Damage	0 to 5.0	%
Insect Damage	0 to 1.0	%
Foreign Material (shell fragment)	One piece in 75 lbs. max	Piece/Lb.
Metal and glass	None allowed	%

Above mentioned specifications are based on the standard for grades of Half and pieces Pistachios nuts.

7. NUTRITIONAL INFORMATION:

NUTRIENT/100g	RAW
Calories (Cal)	562
Calories from Fat (Cal)	408.51
Total Fat (g)	45.39
Sat Fat (g)	5.56
Trans Fat (g)	0
Polyunsaturated Fat (g)	13.7
Monounsaturated Fat (g)	23.82
Cholesterol (mg)	0
Sodium (mg)	0
Potassium (mg)	1025
Total Carbohydrate (g)	27.51
Fiber (g)	10.3
Sugar (g)	7.66
Protein (g)	20.27
Vitamin A (IU)	262
Vitamin C (mg)	2.3
Calcium (mg)	105
Iron (mg)	3.92
Thiamin (mg)	0.87
Vitamin B6 (mg)	1.7
Phosphorous (mg)	490
Magnesium (mg)	121
Copper (mg)	1.3
Manganese (mg)	1.2

The nutritional data is internally generated based on US nutritional regulations and declarations.

8. PACKAGING:

- Packaging material shall not release any odor, color and/or taste to the product.
- The use of polypropylene bags in packaging of raw product is acceptable for additional protection.
- Twenty-five lb. net weight cardboard cartons are standard.
- Other options are available.

9. **LABELLING:**

Each package must have following minimum information on outside:

- ITEM#
- LOT#
- Description of product
- Quantity

10. **DOCUMENTS/CERTIFICATES AVAILABLE:**

- Certificates of Origin
- COAs for Chemical and Microbiological specification from 3rd Party lab testing
- Fumigation certificate
- Other requirements or special considerations and reporting must be requested and agreed upon as part of the contract negotiations.

RELIGIOUS CERTIFICATION

Certified Kosher

Certified Halal by the Islamic Food and Nutrition Council of America



11. **OPTIMAL STORAGE CONDITIONS AND SHELF LIFE:**

The packaging has to be clean, properly sealed and should protect the product from humidity, light and pests.

TEMPERATURE	RELATIVE HUMIDITY	SHELF LIFE
65 to 70° F	55% or less	12 months

12. **SAFETY:**

All products are produced, stored, and shipped in accordance with the Good Manufacturing Practices of the US Food and Drug Administration. In addition, all products are screened for foreign material to meet the specifications.