

# PISTACHIO POWDER SPECIFICATION

## PRODUCT: Pistachio Powder Specification

### 1) General Description:

Iranian Pistachio Powder is finely ground from premium quality pistachios grown in Iran. It has a rich, nutty flavor with a slightly earthy taste, making it ideal for use in various culinary applications, such as desserts, baked goods, smoothies, and as a garnish.

- Crafted by finely grinding premium, fully ripened pistachio kernels, handpicked through rigorous quality control procedures.
- Delivers the authentic, natural flavor and aroma of pistachios, with no trace of foreign smells.
- Made with 100% pure pistachio powder, free from any additives, chemicals, or artificial coloring.
- Features a fine consistency (up to 1mm), with a natural greenish-yellow hue and specks of purple and brown skins.
- Thoroughly sorted, clean, and free of contaminants, including aflatoxins.
- Convenient and healthy, ready-to-use ingredient for a variety of applications, including cooking, baking, desserts, ice cream, smoothies, pastries, muesli, chocolates, or combined with other nuts and fruits.
- Suitable for vegan, keto, and paleo diets; non-GMO and gluten-free.

### 2) Physical & Chemical Properties:

Property	Specification
Appearance	Fine, uniform powder, light greenish-brown color
Odor	Characteristic pistachio aroma, no off-smells
Taste	Nutty, slightly earthy, no sour or rancid taste
Moisture Content	≤ 5%
Fat Content	45-55%
Protein Content	15-20%
Carbohydrate Content	25-30%
Ash Content	≤ 2%
Crude Fiber	4-7%

### 3) Microbiological Standards:

Microbe	Specification
Total Plate Count	≤ 10,000 cfu/g
Molds	≤ 1,000 cfu/g
Yeast	≤ 100 cfu/g
E. Coli	Negative/Absent in 25g
Salmonella	Negative/Absent in 25g
Aflatoxin	≤ 5 ppb (total aflatoxins)

**4) Metal Detection:**

All products are metal detected.

Ferrous: 0.5 mm; Non-Ferrous: 0.8 mm; Stainless Steel: 1.0 mm

**5) GMO:** Non-GMO (Free from genetically modified organisms)

**6) Allergen Information:** Contains tree nuts (pistachios).

**7) Storage Conditions:**

- Temperature: 15-25°C (59-77°F)
- Keep away from direct sunlight and strong odors.

**9) Shelf Life:** 12 months from the date of manufacture (if stored under recommended conditions).

**10) Packaging:**

Vacuum-sealed bags, or Kraft paper bags, or plastic containers.

**11) Quality Assurance:**

- ISO 22000:2018 (Food Safety Management System)
- HACCP (Hazard Analysis and Critical Control Points)
- Halal Certified
- TUV

**12) Nutritional Information (per 100g):**

Nutrient	Amount
Energy	500-560 kcal
Fat	40-50g
Saturated Fat	5-7g
Carbohydrates	25-30g
Sugars	7-10g
Protein	15-20g
Fiber	4-7g
Sodium	≤ 5 mg
Cholesterol	0 mg