

DATE PASTE SPECIFICATION

PRODUCT: MAZAFATI DATE

1) General Description:

Date Paste is a natural, nutrient-rich sweetener made from finely ground, pitted dates. With a smooth, spreadable texture and rich caramel-like flavor, it serves as an ideal ingredient for clean-label formulations, vegan desserts, natural energy bars, and sugar-free recipes. Free from additives and preservatives, date paste offers a wholesome alternative to refined sugars while retaining the fiber, vitamins, and minerals naturally present in dates.

2) Appearance:

Color	Dark brown to reddish-brown
Texture	Smooth, thick, and spreadable
Consistency	Homogeneous, free from lumps or hard particles
Odor	Characteristic sweet date aroma, free from off-odors
Taste	Naturally sweet, rich date flavor
Foreign Matter	Absent (free from pits, stems, and contaminants)

3) Storage Condition:

For bulk packaging, cold storage at 0°C to 5°C is recommended to maintain freshness and prevent fermentation.

4) Sensorial Requirements:

Appearance	Smooth, uniform paste without visible impurities or separation
Color	Dark brown to reddish-brown, consistent throughout
Odor	Pleasant, natural date aroma; free from sour or off-smells
Taste	Naturally sweet, rich date flavor; no bitterness or sourness
Texture/Mouthfeel	Thick, soft, and cohesive; free from fibrous or gritty particles

5) Density:

Approximately 1.3 to 1.4 g/cm³ at 20°C

(Note: Can vary slightly depending on date variety and moisture content)

6) Metal Detection:

All products are metal detected.

Ferrous: ≥ 1.5 mm; Non-Ferrous: ≥ 2.0 mm; Stainless Steel (SS 316): ≥ 2.5 mm

7) Shelf Life:

12 months from the date of production under recommended storage conditions (unopened, stored at 5°C–25°C in a cool, dry place).

8) Nutritional Values:

Nutritional Information (approximate values per 100g)	
Energy	280–300 kcal
Carbohydrates	70–75 g
└─ Sugars (Natural)	65–70 g
Dietary Fiber	6–8 g
Protein	1.5–2.5 g
Fat	0.2–0.5 g
└─ Saturated Fat	0 g
└─ Trans Fat	0 g
Sodium	<5 mg
Potassium	600–700 mg
Calcium	40–60 mg
Iron	1–2 mg
Magnesium	40–50 mg
Phosphorus	30–40 mg
Vitamin B6	0.1–0.2 mg
Niacin (B3)	1–1.5 mg
Folate (B9)	~15 µg
Moisture Content	18–22%
Ash	1.5–2.5%