



TECHNICAL DATA SHEET

Product Name: Organic Pumpkin Powder

CAS Number: 89998-03-8

1. Product Description

Organic Pumpkin Powder is a fine, orange-yellow powder derived from high-quality organic pumpkins. It is naturally rich in beta-carotene, dietary fiber, vitamins, and minerals. This powder is used as a functional food ingredient, nutritional supplement, or natural coloring agent. It maintains the natural flavor, aroma, and nutritional value of pumpkins and is widely used in beverages, bakery products, dairy applications, and health foods.

2. Specification

Parameter	Specification
Appearance	Orange to orange-yellow fine powder
Bulk Density	0.45 – 0.60 g/cm ³
Tapped Density	0.55 – 0.70 g/cm ³
Particle Size	80 – 200 mesh
Identification	Positive (Characteristic color & odor)
Moisture Content	≤ 8.0%
Ash	≤ 5.0%
pH (10% solution)	5.5 – 6.5
Beta-Carotene	≥ 1.5 mg/g
Solubility	Dispersible in water
Heavy Metals (Pb)	≤ 10 ppm
Arsenic (As)	≤ 1 ppm
Microbiological Standards	
Total Plate Count	≤ 1000 CFU/g
Yeast & Mold	≤ 100 CFU/g
E. coli	Negative
Salmonella	Negative

3. Applications

- Nutritional supplements – natural source of beta-carotene and fiber
 - Food and beverage fortification – smoothies, juices, soups
 - Bakery products – breads, cakes, pastries
 - Dairy products – yogurts, ice creams
 - Health foods and functional formulations
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4. Packaging & Storage

- **Packaging:** 25 kg net weight per fiber drum or paper bag, inner lined with PE
 - **Shelf Life:** 24 months when properly stored
 - **Storage Conditions:** Store in a cool, dry, and well-ventilated place, away from direct sunlight and moisture
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5. Regulatory Status

- Certified organic (according to USDA / EU standards)
- Non-GMO, allergen-free, BSE/TSE-free
- Manufactured in ISO and HACCP-certified facilities
- Food grade, suitable for general food applications