[ID] Papain (Papaya Enzyme) (100 TU/mg) - Carica papaya

Carica papaya · Caricaceae

Extract powder **Water-dispersible**

1. Product identification

Product name	[ID] Papain (Papaya Enzyme) (100 TU/mg) - Carica papaya
Botanical name	*Carica papaya* (syn. *Carica citriformis, Carica cubensis, Carica hermaphrodita, Carica jamaicensis, Carica jimenezii, Carica mamaya*)
Plant family	Caricaceae
Common names	Papaya, Papita, Papain, Papaw, Pawpaw, Papita Beej
Indian / Ayurvedic names	पपई, పాపాయ, బొ పా పా యీ, പപ്പായ/ഓമയ്ക്ക/കപ്പങ്ങ
Plant part used	Latex
Product form	Extract powder
Country of origin	Indonesia
Product code (SKU base)	80707-EXTD-CAPAP

2. Composition and identifiers

INCI: Carica Papaya Latex Extract, Maltodextrin (or Microcrystalline Cellulose)

INCI / COMPONENT	FUNCTION	CAS	EC	PROPORTION
Carica Papaya Latex Extract	Botanical extract (dry)	Not assigned	Not assigned	80–90 %
Maltodextrin	Filler / carrier — alternative	9050-36-6	232-940-4	10–20 % (either filler; COA states which)
Microcrystalline Cellulose	Filler / carrier — alternative	9004-34-6	232-674-9	10–20 % (either filler; COA states which)

Composition: botanical extract 80–90 % + filler 10–20 % (maltodextrin or microcrystalline cellulose). The two fillers are alternatives; the batch Certificate of Analysis states which one is used.

INCI status: INCI by naming convention (not in CosIng)

Where more than one CAS number is shown, the botanical substance is registered under several CAS numbers (e.g. EINECS and TSCA variants); all refer to the same INCI name.

3. Manufacturing

Process	Hydro-alcoholic extraction
Additives	Filler: maltodextrin or microcrystalline cellulose, 10–20 % (the batch COA states which). No added colours, fragrance or preservatives.

4. Typical properties

Physical state	Solid (powder)
Appearance / colour	Characteristic of the plant material; may vary naturally between harvests
Odour	Characteristic
Solubility	Water-dispersible

Typical values describe the product type and are not a specification. Batch-specific results (assay, moisture, microbiology, heavy metals as applicable) are given on the Certificate of Analysis, available on request.

5. Applications and use

Applications	Herbal tea & infusions, Skincare, Supplements
Markets	Cosmetics & personal care, Food & beverage, Nutraceuticals
Suggested use level	Use according to the formulation; typical inclusion in cosmetics 1–10 %, in food and supplements as permitted by local regulations.

The formulator is responsible for confirming suitability, stability and regulatory compliance of the finished product in the intended market. Not intended for direct medicinal use.

6. Packaging, storage and shelf life

Pack sizes	225 g, 1 Kg, 5 Kg, Sample — bulk and custom quantities on request
Storage	Store in tightly closed original containers in a cool (below 25 °C), dry, well-ventilated place, away from direct sunlight, moisture, strong odours and incompatible materials.
Shelf life	24 months from the date of manufacture in unopened original packaging stored as recommended.

7. Documentation and quality

Safety Data Sheet	SDS-80707-EXTD-CAPAP — available for download on the product page
Certificate of Analysis	Batch-specific COA available on request
Other documents	Allergen, IFRA, origin and other statements on request, subject to availability

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