[TH] Plai CO2 Extract - Zingiber cassumunar

Zingiber purpureum · Zingiberaceae

Extract powder | Water-dispersible | INCI listed in EU CosIng

1. Product identification

Product name	[TH] Plai CO2 Extract - Zingiber cassumunar
Botanical name	*Zingiber purpureum* (syn. *Zingiber cassumunar, Zingiber anthorrhiza, Zingiber cliffordiae, Zingiber luridum, Zingiber paucipunctatum, Zingiber pubisquama*)
Plant family	Zingiberaceae
Common names	Plai, Cassumunar Ginger
Plant part used	Rhizome
Product form	Extract powder
Country of origin	Thailand
Product code (SKU base)	39640-EXTD-ZICAS

2. Composition and identifiers

INCI: Zingiber Cassumunar Rhizome Extract, Maltodextrin (or Microcrystalline Cellulose)

INCI / COMPONENT	FUNCTION	CAS	EC	PROPORTION
Zingiber Cassumunar Rhizome Extract	Botanical extract (dry)	84696-15-1	—	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.

EU CosIng reference no.: 94584 · INCI status: Verified 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 batch Certificate of Analysis, sent with every order.

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-39640-EXTD-ZICAS — available for download on the product page
Certificate of Analysis	Batch-specific COA sent with every order; available on request before ordering
Other documents	Allergen, IFRA, origin and other statements on request, subject to availability

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