# [ID] Temulawak CO2 Total Extract - Curcuma xanthorrhiza

*Curcuma xanthorrhiza · Zingiberaceae*

CO2 extract | Oil-soluble

## 1. Product identification

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| **Product name** | [ID] Temulawak CO2 Total Extract - Curcuma xanthorrhiza |
| **Botanical name** | *Curcuma xanthorrhiza* |
| **Plant family** | Zingiberaceae |
| **Common names** | Temulawak |
| **Plant part used** | Rhizome |
| **Product form** | CO2 extract |
| **Country of origin** | Indonesia |
| **Product code (SKU base)** | 83214-CO2-CUXAN |

## 2. Composition and identifiers

**INCI:** Curcuma Xanthorrhiza Rhizome Extract

| INCI / COMPONENT | FUNCTION | CAS | EC | PROPORTION |
|---|---|---|---|---|
| Curcuma Xanthorrhiza Rhizome Extract | Botanical ingredient | Not assigned | Not assigned | 100 % |

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

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| **Process** | Supercritical $CO_2$ extraction |
| **Additives** | No added colours, fragrance or preservatives unless stated on the label. |

## 4. Typical properties

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| **Physical state** | Viscous liquid, paste or semi-solid |
| **Appearance / colour** | Characteristic of the plant material; may vary naturally between harvests |
| **Odour** | Characteristic |
| **Solubility** | Oil-soluble |
| **Flash point** | Not determined for this batch — see COA |

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

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| **Applications** | Hair care, Perfumery, Skincare |
| **Markets** | Cosmetics & personal care |
| **Suggested use level** | Use in accordance with IFRA Standards and applicable regulations; typical use level 0.05–2 %. |

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

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| **Pack sizes** | 225 g, 1 Kg, 5 Kg — bulk and custom quantities on request |
| **Storage** | Store in tightly closed original containers (amber glass, aluminium or lacquered steel) in a cool (below 20 °C), dark, well-ventilated place away from heat, ignition sources and oxidising agents. Keep containers well filled to limit oxidation. |
| **Shelf life** | 24 months from the date of manufacture in unopened, well-filled original containers stored as recommended (citrus oils: 12 months). |

## 7. Documentation and quality

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| **Safety Data Sheet** | SDS-83214-CO2-CUXAN — 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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