

# Bitter Gourd (Karela) Glycerin Extract - Momordica charantia

Momordica charantia · Cucurbitaceae

Glycerin extract Water-soluble INCI listed in EU CosIng

## 1. Product identification

|                          |                                                                          |
|--------------------------|--------------------------------------------------------------------------|
| Product name             | Bitter Gourd (Karela) Glycerin Extract - Momordica charantia             |
| Botanical name           | Momordica charantia (syn. Momordica muricata, Momordica sinensis)        |
| Plant family             | Cucurbitaceae                                                            |
| Common names             | Bitter Gourd, Karela, Bitter Melon, Goya, Caraille Or Carilley, Papailla |
| Indian / Ayurvedic names | करला, பாகல்/பாகற்கொடி, ಕೃತಕ ಕೃಷಿ, പാവറ                                   |
| Plant part used          | Vegetable                                                                |
| Product form             | Glycerin extract                                                         |
| Country of origin        | India                                                                    |
| Product code (SKU base)  | 63537-GLY-MOCHA                                                          |

## 2. Composition and identifiers

INCI: Glycerin, Aqua, Momordica Charantia Extract

| INCI / COMPONENT            | FUNCTION          | CAS        | EC        | PROPORTION |
|-----------------------------|-------------------|------------|-----------|------------|
| Glycerin                    | Solvent           | 56-81-5    | 200-289-5 | —          |
| Aqua                        | Solvent           | 7732-18-5  | 231-791-2 | —          |
| Momordica Charantia Extract | Botanical extract | 93333-80-3 | —         | —          |

Solvent system: Glycerin : water 75:25.

EU CosIng reference no.: 34040, 92472, 56885 · 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   | Maceration in vegetable glycerin and water                               |
| Additives | No added colours, fragrance or preservatives unless stated on the label. |

## 4. Typical properties

|                     |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| Physical state      | Liquid (viscous)                                                          |
| Appearance / colour | Characteristic of the plant material; may vary naturally between harvests |
| Odour               | Characteristic                                                            |

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| <b>Solubility</b>  | Water-soluble                                                                      |
| <b>Flash point</b> | Not flammable (glycerin–water solution); pure glycerin approx. 160 °C (closed cup) |

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

|                            |                                                      |
|----------------------------|------------------------------------------------------|
| <b>Applications</b>        | Skincare, Supplements                                |
| <b>Markets</b>             | Cosmetics & personal care, Nutraceuticals            |
| <b>Suggested use level</b> | Typical use level in cosmetics 1–10 % (water phase). |

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

|                   |                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pack sizes</b> | 225 g, 1 Kg, 5 Kg, 25 Kg — bulk and custom quantities on request                                                                                   |
| <b>Storage</b>    | Store in tightly closed containers in a cool (below 25 °C), dry place away from direct sunlight. Glycerin is hygroscopic — keep containers closed. |
| <b>Shelf life</b> | 24 months from the date of manufacture in unopened original packaging stored as recommended.                                                       |

## 7. Documentation and quality

|                                |                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------|
| <b>Safety Data Sheet</b>       | SDS-63537-GLY-MOCHA — available for download on the product page                |
| <b>Certificate of Analysis</b> | Batch-specific COA available on request                                         |
| <b>Other documents</b>         | Allergen, IFRA, origin and other statements on request, subject to availability |

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