

# Okra PG Extract - Abelmoschus esculentus

Abelmoschus esculentus · Malvaceae

Propylene glycol extract Water-soluble

## 1. Product identification

|                          |                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Product name             | Okra PG Extract - Abelmoschus esculentus                                                                                 |
| Botanical name           | Abelmoschus esculentus (syn. Abelmoschus bammia, Abelmoschus longifolius, Abelmoschus praecox, Abelmoschus tuberculatus) |
| Plant family             | Malvaceae                                                                                                                |
| Common names             | Okra, Bhindi, Bhindi Powder, Dry Lady Finger Powder, Dry Lady Finger, Lady'S-Finger                                      |
| Indian / Ayurvedic names | भिण्डी, बैंग कాయ, बीउ                                                                                                    |
| Product form             | Propylene glycol extract                                                                                                 |
| Country of origin        | India                                                                                                                    |
| Product code (SKU base)  | 87467-PGE-ABESC                                                                                                          |

## 2. Composition and identifiers

INCI: Propylene Glycol, Aqua, Abelmoschus Esculentus Extract

| INCI / COMPONENT               | FUNCTION          | CAS       | EC        | PROPORTION |
|--------------------------------|-------------------|-----------|-----------|------------|
| Propylene Glycol               | Solvent           | 57-55-6   | 200-338-0 | —          |
| Aqua                           | Solvent           | 7732-18-5 | 231-791-2 | —          |
| Abelmoschus Esculentus Extract | Botanical extract | —         | —         | —          |

Solvent system: Propylene glycol : water 70:30.

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   | Maceration in propylene glycol and water                                 |
| Additives | No added colours, fragrance or preservatives unless stated on the label. |

## 4. Typical properties

|                     |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| Physical state      | Liquid                                                                    |
| 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 as supplied (aqueous solution); pure propylene glycol approx. 99 °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                                             |
| <b>Markets</b>             | Cosmetics & personal care                            |
| <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. 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-87467-PGE-ABESC — 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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