

# Diosgenin 16% – Dioscorea villosa (wild yam)

Dioscorea villosa · Dioscoreaceae

Standardised extract

## 1. Product identification

|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name            | Diosgenin 16% – Dioscorea villosa (wild yam)                                                                                                                                                                      |
| Botanical name          | <i>Dioscorea villosa</i> (syn. <i>Dioscorea cliffortiana</i> , <i>Dioscorea glauca</i> , <i>Dioscorea hexaphylla</i> , <i>Dioscorea hirticaulis</i> , <i>Dioscorea hirticaulus</i> , <i>Dioscorea lloydiana</i> ) |
| Plant family            | Dioscoreaceae                                                                                                                                                                                                     |
| Common names            | Wild Yam, Colic Root, Chinaroot, Yam Root, Yellow Yam, Four-Leaved Yam                                                                                                                                            |
| Product form            | Standardised extract                                                                                                                                                                                              |
| Product code (SKU base) | WH-D16-DV                                                                                                                                                                                                         |

## 2. Composition and identifiers

INCI: Dioscorea Villosa Extract

| INCI / COMPONENT          | FUNCTION             | CAS | EC | PROPORTION |
|---------------------------|----------------------|-----|----|------------|
| Dioscorea Villosa Extract | Botanical ingredient | —   | —  | 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

|                 |                                                                          |
|-----------------|--------------------------------------------------------------------------|
| Process         | Extraction and purification to a standardised marker content             |
| Standardisation | Diosgenin 16% (marker content; method on COA)                            |
| Additives       | No added colours, fragrance or preservatives unless stated on the label. |

## 4. Typical properties

|                     |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| Physical state      | Solid (powder)                                                            |
| Appearance / colour | Characteristic of the plant material; may vary naturally between harvests |
| Odour               | Characteristic                                                            |
| Particle size       | 80–100 mesh                                                               |

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        | Functional food, Herbal tea & infusions, Skincare, Supplements                                  |
| Markets             | Cosmetics & personal care, Food & beverage, Nutraceuticals                                      |
| Suggested use level | Use according to the formulation and applicable food-supplement, cosmetic or other 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 | 100 g, 500 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-WH-D16-DV — 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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