

# Icariin 40% — Epimedium sagittatum (horny goat weed)

*Epimedium sagittatum* · Berberidaceae

Standardised extract   INCI listed in EU CosIng

## 1. Product identification

|                         |                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Product name            | Icariin 40% — Epimedium sagittatum (horny goat weed)                                                                     |
| Botanical name          | <i>Epimedium sagittatum</i> (syn. <i>Epimedium ikariso</i> , <i>Epimedium sagittifolius</i> , <i>Epimedium sinense</i> ) |
| Plant family            | Berberidaceae                                                                                                            |
| Product form            | Standardised extract                                                                                                     |
| Product code (SKU base) | WH-I40-ES                                                                                                                |

## 2. Composition and identifiers

INCI: Epimedium Sagittatum Extract

| INCI / COMPONENT             | FUNCTION             | CAS | EC | PROPORTION |
|------------------------------|----------------------|-----|----|------------|
| Epimedium Sagittatum Extract | Botanical ingredient | —   | —  | 100 %      |

EU CosIng reference no.: 83451 · 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         | Extraction and purification to a standardised marker content             |
| Standardisation | Icariin 40% (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 |
|--------------|----------------------------------------------------------------|

|                                |                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Markets</b>                 | Cosmetics & personal care, Food & beverage, Nutraceuticals                                      |
| <b>Traditional use systems</b> | Traditional Chinese                                                                             |
| <b>Suggested use level</b>     | 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

|                   |                                                                                                                                                                                 |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pack sizes</b> | 100 g, 500 g, 1 Kg, 5 Kg, Sample — bulk and custom quantities on request                                                                                                        |
| <b>Storage</b>    | 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. |
| <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-WH-I40-ES — 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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