

## TECHNICAL DATA SHEET

# Ivy Leaf Extract

## Hederacoside C 10% HPLC

### Chemical Properties

Plant source: *Hvedera Helix* L.

Used part: Leaf

### Description

The ivy extract is extracted from the leaves of the Chinese ivy plant. This product can be found in many syrups, ointments and creams.

### Solubility

It is partially soluble in water.

### Specification

Item	Specification	Test Method
Appearance	Brownish fine powder	Visual
Odor	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Identification(TLC)	Positive	In-house
Assay(Hederacoside C)	Min 10%	HPLC,in-house
Loss on Drying	Max 5.0%	5g / 105°C / 4hrs
Ash	Max 5.0%	2g / 525°C / 3hrs
Particle Size	Min 98% pass 80 mesh	80 Mesh Screen
Heavy Metals	Max 10ppm	Atomic Absorption
Arsenic (As)	Max 1ppm	Atomic Absorption
Lead (Pb)	Max 1ppm	Atomic Absorption
Cadmium (Cd)	Max 0.5ppm	Atomic Absorption
Hg	Max 0.5ppm	Atomic Absorption
Cu	Max 0.5ppm	Atomic Absorption
Total Plate Count	Max 10000cfu/g	FDA BAM 8th Ed.
Mold & Yeast	Max 1000cfu/g	FDA BAM 8th Ed.
<i>E.Coli</i>	Negative	FDA BAM 8th Ed.
<i>Salmonella</i>	Negative	FDA BAM 8th Ed.

### Regulatory Information

Yes

No

Contains GMO based ingredients

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Non-irradiation	√
BSE/TSE-free	√
Suitable for vegetarian	√
Suitable for vegan	√

## Country of Origin

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China

## Ingredients

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Ivy Leaf Extract Hederacoside C min 10% .

## Labeling

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In the United States and the European Union: Ivy Leaf Extract

## Function

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- 1). It can promote respiratory health.
- 2). It can be used for skin to resist aging.
- 3). It can help to strengthen the bones and reduce arthritis.

## Applications

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This product can be widely used in medicine and health care products.

## Safety

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This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

## Handling recommendations

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Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

## Packaging, Storage & Shelf Life

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Package	25kg/drum. Packing in paper-drums and two plastic-bags inside; or according to customers' requirements.
Storage	Store in a well-closed container away from moisture. Storage at <30°C recommended.
Shelf Life	2 years if sealed and stored away from direct sun light.