

## TECHNICAL DATA SHEET

# Black Cohosh P.E.

## Triterpene glycosides 2.5% HPLC

### Chemical Properties

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Plant source: *Cimicifuga Racemosa*

Used part: Root

Extract Solvent: Ethanol & Water

### Description

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Black cohosh (known as both *Actaea racemosa* and *Cimicifuga racemosa*), a member of the buttercup family, is a perennial plant that is native to North America. For centuries, the roots of the North American black cohosh plant have been used for various ailments. Black cohosh is now a popular remedy for the symptoms of menopause. This has been especially true since the risks of a standard treatment for menopause -- hormone therapy -- were publicized more than a decade ago.

### Solubility

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Partially soluble in water.

### Specification

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Item	Specification	Test Method
Appearance	Brown fine powder	Visual
Odor & Taste	Characteristic	Organoleptic
Triterpene glycosides	Min 2.5%	HPLC
Drying Method	Spray Drying	In-house
Sieve analysis	Min 98% through 80 mesh	80 Mesh Screen
Loss on Drying	Max 5.0%	5g/105°C/2hrs
Total Ash	Max 5.0%	In-house
Bulk Density	40-60g/100mL	In-house
Total Heavy Metals	Max 20ppm	Burning(3g/520 °C/5hrs)
Lead	Max 2.0ppm	Atomic Absorption
Arsenic	Max 2.0ppm	Atomic Absorption
Total plate count	Max 1000cfu/g	CP2010
Yeast & Mold	Max 100cfu/g	CP2010
<i>E. Coli</i>	Negative	CP2010
<i>Salmonella</i>	Negative	CP2010
<i>Staphylococcus</i>	Negative	CP2010

## Regulatory Information

	Yes	No
Contains GMO based ingredients		√
BSE/TSE-free	√	
Suitable for vegetarian	√	
Suitable for vegan	√	

## Country of Origin

China

## Ingredients

Black Cohosh P.E. Triterpene glycosides min 2.5%

## Labeling

In the United States and the European Union: Black Cohosh P.E.

## Functions

- 1) Reduce menopausal symptoms. Recognized for its mild sedative and anti-inflammatory activity, black cohosh can help with hot flashes and other symptoms associated with that dramatic change of life called menopause. It's also reported to have some estrogenic activity. It's also reportedly well known for easing PMS and menstrual irregularities.
- 2) Treat kidney ailments, malaria, rheumatism, and sore throats.
- 3) Black cohosh has been used to relieve arthritis pain.
- 4) Black cohosh has also been used to help lower blood pressure.

## Applications

Applied in health product field, and in pharmaceutical field.

## Safety

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

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible.

## Packaging, Storage & Shelf Life

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Package	25kg /drum, packed in paper-drums and two plastic-bags inside; or according to customers' requirements.
Storage	Store in a well-closed container away from moisture, light, oxygen.
Shelf Life	2 years when sealed and stored properly.