

TECHNICAL DATA SHEET

Angelica Seed Oil

Properties of the Typical Chemical Chains

CAS No: 8015-64-3

Plant source : Angelica sinensis

Used part: Root

Description

Angelica Seed oil is a light red oily liquid, the main ingredients are ligustilide, linoleic acid. Angelica oil can be used as raw material for medicinal food, medicine and health care products.

Solubility

It is insoluble in water. Soluble in ethanol and most oils.

Specification

Item	Specification	Test Method
Appearance	Yellowish to deep amber liquid	Visual
Odor	Musk and pepper-like aroma	Organoleptic
Taste	Sweet, slightly bitter.	Organoleptic
Assay(ligustilide)	Min 75%	In-house
Relative density	0.935~0.980	In-house
Refractive index	1.485~1.530	In-house
Specific rotation	+2°~+16°	In-house
Mixed solution	Soluble in 90% ethanol	In-house
Heavy metals	Max 10ppm	In-house
Total Plate Count	Max 100cfu/ml	In-house
Yeast& Mold	Max 10cfu/ml	In-house
Coliforms	Negative	In-house
Pathogenic bacteria(<i>Salmonella</i> , <i>Shigella</i> , <i>Staphylococcus aureus</i>)	Negative	In-house

Regulatory Information

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

Country of Origin

China

Ingredients

Ligustilide Min 75%, Others in Angelica Seed Oil Max 25%.

Labeling

In the United States and the European Union: Angelica Oil

Functions

- 1). It can anti-thrombotic.
- 2). It can improve blood circulation.
- 3). It can inhibit the heart.
- 4). It can improve coronary circulation.
- 5). It can anti-inflammatory and analgesic.
- 6). It can lower blood sugar.

Applications

This product is widely applied in medicine, health product and food products.

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

With closed operation. To supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. Keep away from heating sources. No smoking in the workplace. Equip relevant types and quantities of instruments and devices for divergence handling.

Packaging, Storage & Shelf Life

Package 25kg/drum; or according to customers' requirements.

Storage Store in cool and dry place. Keep away from strong light and heat.

Shelf Life 2 years if sealed and stored properly.