

TECHNICAL DATA SHEET

Elderberry Extract

10:1

Chemical Properties

Botanical Source: *Sambucus nigra* L.

Part Used: Fruit

Extract Ratio: 10:1

Extract Solvent: Ethanol & Water

Drying Method: Spary drying

Description

Sambucus nigra is a species complex of flowering plants in the family Adoxaceae native to most of Europe and North America. Common names include elder, elderberry, black elder, European elder, European elderberry and European black elderberry.

Solubility

Partly soluble in water.

Specification

Item	Specification	Test Method
Appearance	Purple-red fine Powder	Visual
Odor & Taste	Characteristic	Organoleptic
Particle Size	Min 98% through 80 mesh	CP2015
Loss on Drying	Max 5.0%	CP2015
Bulk Density	0.40~0.60g/ml	CP2015
Total Heavy Metals	Max 20ppm	CP2015
Lead(Pb)	Max 2.0ppm	CP2015
Arsenic(As)	Max 2.0ppm	CP2015
Total Plate Count	Max 1000cfu/g	CP2015
Yeasts & Molds	Max 100cfu/g	CP2015
<i>E.Coli</i>	Negative	CP2015
<i>Salmonella</i>	Negative	CP2015
<i>Staphylococcus aureus</i>	Negative	CP2015

Regulatory Information

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

Suitable for vegan

√

Country of Origin

China

Ingredients

Elderberry Extract 10:1.

Labeling

In the United States and the European Union: Elderberry Extract

Functions

- 1). It has antiviral effect.
- 2). It has anti-oxidant effect.
- 3). It has anti-inflammatory effect.

Applications

This product can be mainly used for sour drinks, sparkling wine, fruit wine or various food additives.

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

Package	Packed in paper drums and two plastic bags inside; or according to customers' requirements.
Storage	Store in a well-closed container away from moisture.
Shelf Life	2 years if sealed and stored properly.