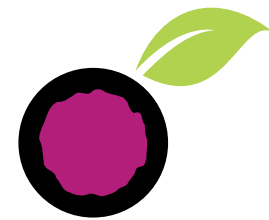


Elderberry

(*Sambucus nigra*)



ARTEMIS
INTERNATIONAL
Specialists in Berryceuticals®

The black elderberry plant is a deciduous shrub found mostly in North America and Europe. Most of the scientific research on the medicinal benefits of the plant has been conducted on the European species, *Sambucus nigra*. The plant produces white flowers that are used for both health and flavor applications and dark purple-black berries that are packed with phytochemicals. Elderberries have been used for centuries in traditional medicine to treat everything from skin disorders to colds and flus. Hippocrates, the father of medicine, even referred to elderberry as “nature’s medicine chest.” Today, elderberries are used both as a natural red food colorant and as a top nutraceutical/functional food for its potent flavonoid profile and its multitude of health benefits.

ELDERBERRY BERRYCEUTICALS®

- **Elderberry Juice Concentrate** – Pink-purple powder perfect for enhancing products naturally. Pure elderberry fruit solids are spray-dried.
- **Elderberry Juice Powder 5:1** – Pink-purple powder perfect for enhancing products naturally. Pure elderberry fruit solids are spray-dried.
- **Elderberry HME™ Liquid 3.2%*** – Deeply colored with a unique, aromatic scent made from whole Austrian elderberries. Contains a minimum of 3.2% anthocyanins and a minimum polyphenol level of 4.2%. Produced via a physical process—no solvent is used.

ELDERBERRY BENEFITS

- Supports a healthy immune system
- Promotes enhanced athletic performance
- Promotes a healthy cardiovascular system
- Promotes healthy aging and inflammation responses

PHYTONUTRIENT PROFILE

- Contains nearly four times the anthocyanins as other commonly consumed berries
- Unique anthocyanin profile containing cyanidin-3-glucoside, cyanidin-3,5-diglucoside, cyanidin-3-sambubioside, cyanidin-3-sambubioside-5-glucoside
- Rich in flavonoids like isoquercetin and catechins



- **Elderberry HME™ Powder 6.5%*** – Dark, purple-red powder extracted via a solvent-free physical process. Contains a minimum of 6.5% anthocyanins and a minimum polyphenol level of 8.4%.
- **Elderberry HME™ Powder 13%*** – Dark, purple-red powder extracted via a physical process containing a minimum of 13% anthocyanins and a minimum polyphenol level of 17%.



The Power of Berry Flavonoids

Artemis *Berryceuticals*® are science-supported nutraceutical ingredients sourced from darkly pigmented, flavonoid-rich berries in the form of extracts, powders, concentrates, and blends for use in the food and beverage, dietary supplement, and cosmeceutical industries.

260-436-6899 • artemis-international.com