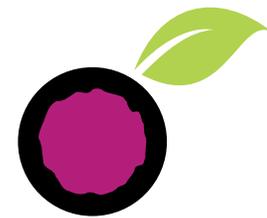


Cranberry

(*Vaccinium macrocarpon*)



ARTEMIS
INTERNATIONAL
Specialists in Berryceuticals®

American cranberries were first used by the Native Americans who discovered the wild berry's versatility as a food, dye, and healing agent. Known for their tart, refreshing taste, cranberries are also a rich source of dietary flavonoids and other phenolic acids. A growing body of scientific evidence links the phytonutrients found in cranberries to a variety of health benefits, including maintaining a healthy urinary tract, offering immune support, and reducing the incidence of stomach ulcers, cardiovascular disease, and periodontal disease. Studies have also shown that cranberry proanthocyanidins (PACs) are the novel compounds responsible for cranberry's unique bacteria-blocking antiadhesion properties (with 36mg being the target dosage for urinary tract health). Per calorie, cranberries are one of the richest sources of antioxidants among popular fruits.

CRANBERRY BERRYCEUTICALS®

- **Cranberry Whole Berry Powder** – Pure cranberry powder derived from whole cranberry fruit, skins and seeds without enzymes or extraction solvents; offers a concentrated whole fruit profile. This powder delivers 1.5% PACs via the BL-DMAC method.
- **Cranberry Fiber** – Pure cranberry pomace; dried, milled, and sifted into powder; a great addition to capsules, functional foods, and pet products.
- **Cranberry Protein Powder** – A 100% cranberry protein powder extract made from whole North American domestic cranberry seeds. This reddish-brown, free-flowing powder is manufactured by a patented cold extrusion and filtration process without enzymes or extraction solvents. The protein powder contains at least 50% fiber and 25% crude protein.
- **Artemis Cranberry 90MX Juice Powder 12:1** – A rose-colored juice powder made by spray-drying the highest quality cranberry concentrate. A great cost-effective and versatile cranberry product!

CRANBERRY BENEFITS

- Helps fight against Urinary Tract Infections (UTIs)
- Offers gastric and cardiovascular support
- Supports oral health
- Offers immune support and antioxidant benefits

PHYTONUTRIENT PROFILE

- Unique A-linked proanthocyanidins (condensed tannins)
- Anthocyanins like cyanidin-3-arabinoside, cyanidin-3-galactoside, cyanidin-3-glucoside
- Catechins
- Organic acids like quinic, citric, ellagic, malic
- Quercetin



- **Cranberry Standardized PACs Powders** – Free-flowing light red powders start with whole berries which are processed, extracted and then spray-dried delivering a standardized level of PACs as measured by the BL-DMA or EP Method.
 - **Cranberry Powder 0.5% PAC (BL-DMA)**
 - **Cranberry Powder 1% PAC (BL-DMA)**
 - **Cranberry Powder 5% PAC (BL-DMA)**
 - **Cranberry Powder 15% PAC (BL-DMA)**
 - **Cranberry Powder 30% (EP)**



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.

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