



Cranberry

URINARY TRACT HEALTH

The power of cranberries

Cranberry or *Vaccinium macrocarpon* grows wild in America, and it has been cultivated in the United States since the early 1800s. Historically, Native Americans used cranberries to relieve a variety of ailments. Today's health research points to promising new evidence that cranberries are definitely a healthy choice.

Today, due to its high content in polyphenols and particularly proanthocyanidins (PACs) from the type A, cranberry is used for various health benefits, most notably for the prevention of urinary tract infections (UTIs).

All cranberries used by **Diana Food** are sourced within Canada and the USA exclusively. Selected first and foremost for their content in active molecules, raw materials are pre-tested to ensure their authenticity and high natural content in bio molecules.

Manufacturing know-how

Materials carefully selected by **Diana Food** are processed only in **Diana Food** facilities, in Canada and France. The green extraction processes used in our factories allow us to produce a large range of high-quality natural cranberry extracts and ingredients:

- Using solely water or food grade ethanol as extraction solvents
- Consuming only renewable energies : biogas, hydro-electricity and wood
- In a safe and controlled GMP or FSSC 22000 environment, keeping the essence of the components from the fresh berries to the finished products
- Organic grades are available

Analytical expertise

Diana Food has developed a strong expertise in PAC quantification and qualification, and internally masters various analytical assays, to meet your needs: BL-DMAC, European Pharmacopoeia, HPLC...

Also, partnerships with authentication laboratories ensure the origin and the high quality of our extracts.



Choose the best solution for your application

Cranberry fruit offers a unique nutritious composition. Our green extraction process allows concentrating and standardizing the content of PAC in our extracts while keeping intact their natural health benefits.

Cranberry fruit powders

Made from the whole cranberry fruit, these insoluble powders are very high in dietary fibers and recommended for the use in non-liquid food applications.

Key features:

- High in fibers
- No carrier
- Authentic fresh fruit taste
- Up to 7% proanthocyanidins (PACs)

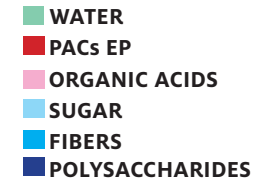
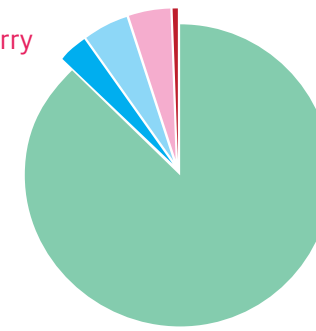
Cranberry juice powders

Made from the fruit juice concentrate, these high in sugar powders are spray-dried and thus offer a high solubility in water. They can be easily incorporated in any dietary supplement, functional food or beverage application.

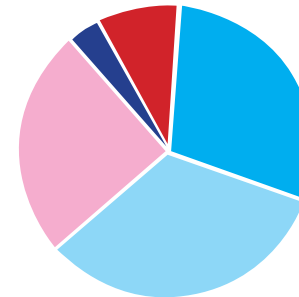
Key features:

- Highly soluble
- Sweet note of cranberries
- Nice pink color
- Up to 1.5% proanthocyanidins (PACs)

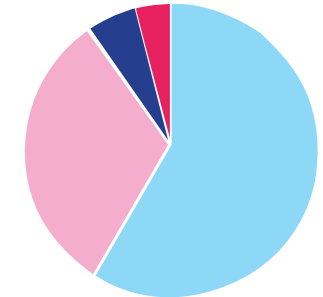
Fresh Cranberry



Whole Fruit powder



Juice concentrate powder



Cranberry extracts

Diana Food cranberry extracts are aqueous or alcoholic extracts, standardized on the basis of their content in PACs. They also contain soluble saccharides, which are believed to act as prebiotic for good endogenous bacteria of the human GI tract, including *Akkermansia species* (Anhê et al, Gut 2015).

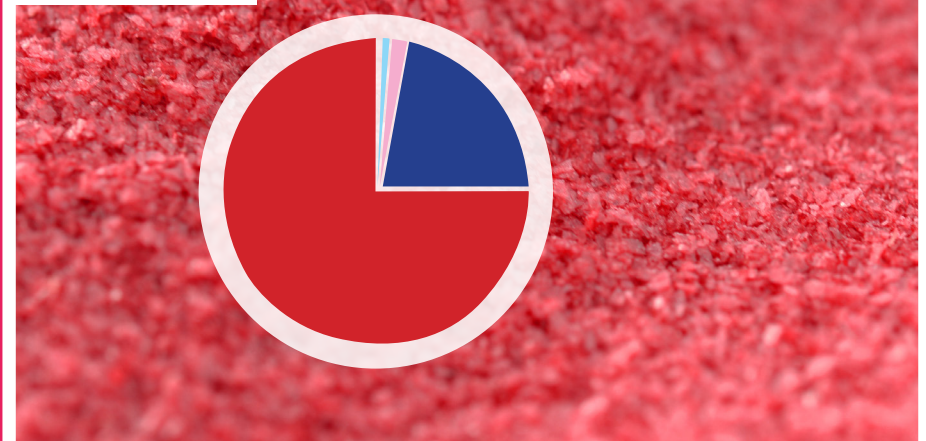
Key features:

- Easy to use in any delivery system (capsules, tablets, sticks...)
- Softgel and free flowing grades available
- Free carrier extracts available
- Up to 15% PACs BL-DMAC / 80% PACs European Pharmacopoeia

Urophenol®

Looking for a unique and efficient solution for urinary tract infections? **Urophenol®** is a highly purified extract of cranberry A-type PACs. The green extraction process maintains intact the activities inherent to cranberry PACs, and thus offers the best efficacy for urinary health formulations.

Cranberry extract powder



WELL-BEING BY NATURE



dianafood 

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This brochure concerns industry professionals. It only pertains to food ingredients not final food products. It is the responsibility of each manufacturer to verify the compliance of the final product's labeling and communication indicated on the finished foods to be delivered as such to the consumer with respect to the current local legislation. In Europe, this is based on regulation (EC) No 1924/2006 on nutrition and health claims.