

CRANDORTM

TotalPAC



Full spectrum
**CRANBERRY
POWDER**

FruitdOrTM



The superpowers of cranberries



Beneficial for women's health formulas

Cranberry's reputation for preventing urinary tract infections is well-established. Indeed, cranberry proanthocyanidins, especially type A, inhibit the ability of pathogenic *E. coli* to adhere to epithelial cells, thus reducing the incidence of infection.



Enhanced gut microbiota

The type of polyphenols found in cranberries has been shown to have a prebiotic-like effect and plays an important role in improving the microbiota, thereby promoting gut health. A well-balanced gut composition and function have been demonstrated to enhance overall health. In fact, these antioxidants have been shown to modulate the gut microbiota and influence gut metabolites associated with inflammation, thereby affecting metabolic syndrome and chronic diseases.



Clinically studied to improve oral health

Cranberry antioxidants have demonstrated antimicrobial activity against bacteria associated with periodontitis and dental caries. Additionally, some research found that the compounds in cranberries offer protection against risk factors associated with oral cancer.

CRANDOR™

Nature's best ingredients

Cran d'Or™ stands at the forefront of organic cranberry cultivation, offering a comprehensive range of nutraceutical ingredients.

Using advanced processing techniques, we ensure that every facet of the cranberry's natural benefits is optimized to its fullest potential.

We pamper our
berries every step of
the way.



Learn more about our
field-to-finish story



Cran d'Or™ TotalPAC production process is fully integrated, ensuring quality from field to final product.



Premium full-spectrum organic cranberry (*Vaccinium macrocarpon*) powder, featuring a minimum of 7.2% of soluble and insoluble PAC content. We use a gentle production method to concentrate PAC content and preserve the fruit's nutrients in their natural, unaltered state.

Product also available in conventional

Four reasons to choose CRANDOR™ TotalPAC



Active components guaranteed minimum 7,2% of Total PACs (SOLUBLE AND INSOLUBLE)

Fruit d'Or takes pride in being the pioneer in assessing both soluble and insoluble PAC (Proanthocyanidins) content in its products. Insoluble proanthocyanidins, a type of antioxidant currently under study for its potential health benefits, often get lost in products like extracts or juices. However, our powders retain both soluble and insoluble (non-extractable) proanthocyanidins, a specific type of antioxidant naturally abundant in whole cranberries. We guarantee a content of up to 7.2% of soluble and insoluble PACs with proven stability over time to ensure long term efficacy.



Clean label & natural

Cultivated and processed with utmost care to preserve their natural goodness, our products stand apart. We are committed to purity – no anticaking agents, free-flow agents, or solvents are ever employed. Our ingredients are sourced from non-GMO crops, and you won't find any added sugar, preservatives, flavors, or artificial colors in our products.

Our gentle, slow drying and milling process ensures that our powders retain the fruit's nutrients in their unaltered, natural state. They are made from 100% cranberries, and we adhere to the most stringent pesticide and safety testing, complying with the world's strictest regulations.

When you choose Cran d'Or, you're choosing purity and simplicity. Our powders can be used without additional excipients for encapsulation, reducing the need for additives like $Mg(OH)_2$ or maltodextrin in your capsules. This not only supports clean labels but also ensures that fillers or lubricating agents won't interfere with the accurate testing of proanthocyanidins (PACs) in your final product.



High quality supply chain & certifications

Thanks to our vertical integration, our berries remain under our constant care. Our cranberry crops thrive in the cool Canadian climate and acidic soil, perfectly suited for cranberries. We maintain full control over every aspect of the production process, carefully tracking each stage from field to freezer to preserve the natural qualities of all our products.

We diligently adhere to the highest organic and food safety standards and possess the relevant certifications. As the world's largest grower and processor of organic cranberries, and the second-largest in organic wild blueberries, we are dedicated to delivering high quality.



Allows you to use the FDA qualified Health claim

Supplements with a daily serving of 500 mg of pure cranberry fruit powder may state on their labels and in marketing materials that they reduce the risk of recurrent urinary tract infections. Research indicates that 36 mg of PACs are effective against UTIs, equivalent to 500 mg (one capsule) of Cran d'Or™ TotalPAC.

Note: It is the responsibility of each manufacturer to verify the conformity of their finished product for the use of the correct claim.

Organic or conventional

Berry provenance:

Nordic regions of Canada

Flavour

Typical tart fresh cranberry

Color

Light pink to red

Certifications



Elevate wellness with our effective solutions

VERSATILE APPLICATIONS



Gummies



Capsules



Functional food



Beverages



Research references

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Febvey, A., Silva, F., Henriques, B., Özcan, M., Teughels, W., & Souza, J. C. (2023). Root canal disinfection and maintenance of the remnant tooth tissues by using grape seed and cranberry extracts. *Odontology*, 111(3), 541-553.

Garcia-Manríquez, N., Lozano, C., Muñoz, A., Morales, M. F., & Giacaman, R. A. (2023). Anticaries properties of natural berries: systematic literature review. *Nutrition Reviews*, nuad063.

Esquivel-Chirino, C., Bolaños-Carrillo, M. A., Carmona-Ruiz, D., Lopéz-Macay, A., Hernández-Sánchez, F., Montés-Sánchez, D., ... & Zentella-Dehesa, A. (2023). The Protective Role of Cranberries and Blueberries in Oral Cancer. *Plants*, 12(12), 2330.

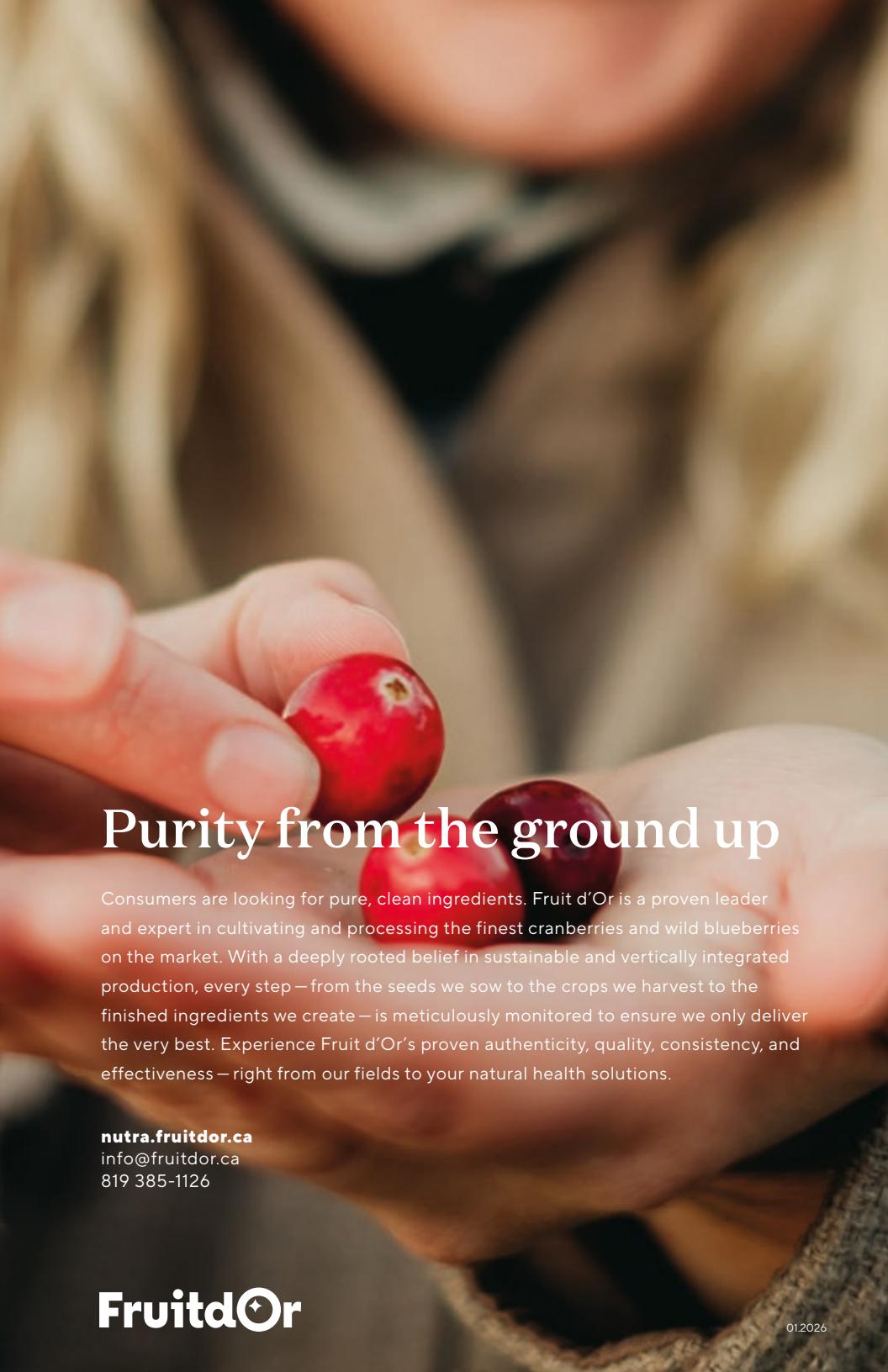
To learn more about insoluble polyphenols (PACs):
BáezGarcía, E., SáyagoAyerdi, S. G., & PérezJiménez, J. (2023). NonExtractable Polyphenols Should be Systematically Included in Polyphenol Analysis. *Recent Advances in Polyphenol Research*, 8, 193-238.

Gullickson, E. R., Krueger, C. G., Birmingham, A., Maranan, M., & Reed, J. D. (2019). Development of a cranberry standard for quantification of insoluble cranberry (*Vaccinium macrocarpon* Ait.) proanthocyanidins. *Journal of agricultural and food chemistry*, 68(10), 2900-2905.

Han, Y., Huang, M., Li, L., Cai, X., Gao, Z., Li, F., ... & Xiao, H. (2019). Non-extractable polyphenols from cranberries: potential anti-inflammation and anti-colon-cancer agents. *Food & function*, 10(12), 7714-7723.

To learn more about the other health benefits of cranberries:
Karim, N., Rashwan, A. K., Liu, S., Tangpong, J., Lin, T., & Chen, W. (2023). An updated review on chemical compositions, biological capabilities, and clinical benefits of cranberries. *Food Bioscience*, 102877.

Legal Notice: These products are not intended to diagnose, treat, cure or prevent any disease. Please note that the physiological activity described herein is supported by the referenced studies reported. It is the responsibility of the distributors of finished products containing these ingredients to determine whether the claims made for these products are legal and in compliance with the laws of the country in which the products will be marketed.



Purity from the ground up

Consumers are looking for pure, clean ingredients. Fruit d'Or is a proven leader and expert in cultivating and processing the finest cranberries and wild blueberries on the market. With a deeply rooted belief in sustainable and vertically integrated production, every step – from the seeds we sow to the crops we harvest to the finished ingredients we create – is meticulously monitored to ensure we only deliver the very best. Experience Fruit d'Or's proven authenticity, quality, consistency, and effectiveness – right from our fields to your natural health solutions.

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FruitdOr

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