



ARONIA
GROWERS, LLC

Boost Your Health Halo With Sweetened Dried Aronia Berries

Aronia Growers LLC proudly introduces **Sweetened Dried Aronia Berries**

A totally new and unique dried fruit with the highest polyphenol level of *any* fruit in the world.

Nutritional scientists have shifted their focus to polyphenols from antioxidants for the many health and wellness benefits obtained from consumption of foods high in polyphenols. Polyphenols are powerful anti-inflammatory, anti-oxidant rich micronutrients that have been linked to a wide range of potential health benefits, including heart health, cancer inhibitor, diabetes management, brain health and more. As media attention continues to increase, so will consumer demand. Aronia berries have even more polyphenols than dark chocolate, green tea or red wine!

Get ahead of your competitors by maximizing your polyphenol profile with Sweetened Dried Aronia Berries, nature's polyphenol powerhouse.

Sweetened Dried Aronia Berries are produced from USA grown aronia berries, which are naturally pest resistant. Aronia berries are a native North American fruit which until recently were grown commercially only in Europe and Asia. Aronia berries are widely produced and consumed in Eastern Europe for their health benefits.

- **Sweetened Dried Aronia Berries are available from berries grown and processed in the USA!**
- **Sweetened Dried Aronia Berries are an excellent source of dietary fiber with a whopping 12.5 grams per 100 grams or 50% DV!!**

Sweetened Dried Aronia Berries are produced from aronia berries harvested at the peak of their ripeness and then minimally processed with the addition of a small amount of cane sugar to give them a tart but sweet flavor and a soft, pleasant mouthfeel. These pea-sized dried berries contain no pits and are an excellent flavor potentiater. With a water activity targeted at .5, they can be used in almost limitless product applications.

Add Sweetened Dried Aronia Berries anywhere you use a raisin, dried fruit or a sweetened dried cranberry. Suggested applications include trail mixes, nutrition bars, cereals, granolas and baked goods. These super dark, super healthy berries represent the perfect product form for your food applications and will elevate your products' health halo.

Be ahead of the latest health and wellness trend to maximize the polyphenol content of your products with **nature's polyphenol powerhouse—Sweetened Dried Aronia Berries.**

Product Specifications:

- **Ingredient Statement:**
Aronia berries, cane sugar, sunflower oil
- **Moisture:** 13 -18%
- **Water Activity:** .420- .640
- **Sunflower oil:** <1.0 %
- **Shelf Life:** 18 months
- **Kosher Certified** (Kosher O.U.)
- **Packaging:** 20 pound cases
- **Product of USA:** grown and minimally processed in the USA
- **Produced in an SQF Certified facility**
- **Aronia berries are naturally pest resistant**



As part of our product launch campaign, we are currently offering **free samples** to anyone wishing to receive them.

Just e-mail tom@poweroffruit.com with your package-delivery address and we will get the sample right out to you.

www.aroniaberriesusa.com

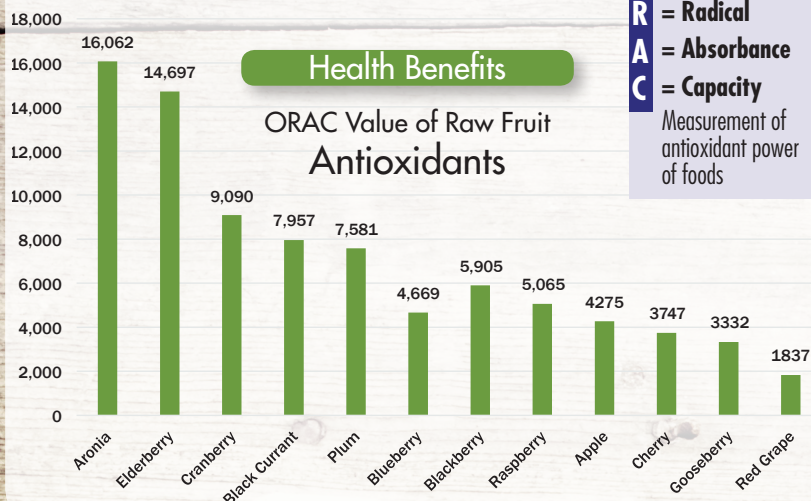


Sweetened Dried Aronia Berries: Nature's Polyphenol Powerhouse!!



ARONIA
GROWERS, LLC

The ORAC Connection



Polyphenol and Antioxidant Content — Top 10 Richest Foods (mg per 100g or mg per 100 ml)

	Food	Polyphenols	Antioxidants
1	Cloves	15,188	16,047
2	Peppermint, dried	11,960	980
3	Star Anise	5,460	1,810
4	Cocoa Powder	3,448	1,104
5	Mexican Oregano, dried	2,319	—
6	Celery Seed	2,094	—
7	Aronia Berry	1,756	1,752
8	Dark Chocolate	1,664	1,860
9	Flaxseed Meal	1,528	—
10	Black Elderberry	1,359	1,950

Source: www.phenol-explorer.eu

Source: <http://oracvalues.com>

POLYPHENOLS: Why they matter and health benefits

- Polyphenols are powerful anti-inflammatory, antioxidant rich micronutrients.
- Consumption of foods rich in polyphenol, specifically aronia berries, have been linked to a wide range of health benefits in recent medical studies.
- Until recently, the health benefits of polyphenols were thought to be related to their antioxidant properties which were thought to neutralize free radicals produced in the body. Although this may be the case in some instances, it is now thought that polyphenols play many different roles in their positive health impacts. These roles include positive impacts of polyphenols on the makeup and performance of the microbiome and the metabolism of the polyphenols by the intestinal bacteria of the microbiome to produce a host of other compounds with positive health benefits once they enter the bloodstream. These derivative compounds of polyphenols have been implicated in the positive impacts attributed to polyphenols in such areas as diabetes management (2)(8), osteoporosis, neurodegenerative diseases (3), cardiovascular disease (4) (8) and cancer (5).
- A human study indicates that aronia berry intake improves total cholesterol, reduces systolic and diastolic blood pressure, as well as other cardiovascular risk markers like C-reactive protein (4).
- Results of studies show that polyphenols help with type 2 diabetes management and produce cardiovascular protective effects with regard to lipid metabolism, blood pressure, blood coagulation and vascular function (8).
- There is also research demonstrating that, like cranberry juice, aronia juice reduces the incidence of urinary tract infections due to its extraordinary level of proanthocyanidins (6).
- Unquestionably, emerging research indicates a diet high in polyphenols has positive impacts on health and wellness (7).
- Not all foods with polyphenols are equal in their health benefits. If indeed that is the case, there should be a role in your product line for the ingredient made from the highest polyphenol containing fruit in the world — **Sweetened Dried Aronia Berries!**

REFERENCES:

1. http://www.chemistryviews.org/details/ezone/10513509/Polyphenols_Contributors_to_Good_Health_Part_1.html
2. <https://www.ncbi.nlm.nih.gov/pubmed/23938049>
3. http://www.chemistryviews.org/details/ezone/10542763/Polyphenols_Contributors_to_Good_Health_Part_2.html
4. Naruszewicz M., Laniewska., Millo B., Druzniowski M.: Combination therapy of statins with flavonoids rich extract from chokeberry fruits enhanced reduction in cardiovascular risk markers in patients after myocardial infarction (MI). Atherosclerosis, 2007; 194: 179-184.
5. Bermudez-Soto M.J., Larrosa M., Garcia-Cantalejo J.M., Espin J.C., Tomas-Barberan F.A., Garcia-Conesa M.: Up-regulation of tumor suppressor carcinoembryonic antigen-related cell adhesion molecule 1 in human colon cancer Caco-2 cells following repetitive exposure to dietary levels of a polyphenol-rich chokeberry juice. J. Nutr. Biochem., 2007; 18: 259-271.
6. <https://www.ncbi.nlm.nih.gov/pubmed/25026919>
7. <http://jn.nutrition.org/content/143/9/1445.full>
8. <http://www.jmdonline.com/content/12/1/43>