

ANTHOCYANINS AND ANTHOCYANIDINS

Elderberry adulteration is on the rise, make sure your lab is equipped to authenticate your raw materials.

ChromaDex offers standards you can trust in!

Please reach out to us with any inquiries into other anthocyanidins/anthocyanins you are interested in.



Biological Activity

- Antioxidant properties help protect against UV damage by scavenging free radicals¹
- Anti-inflammatory properties suppress oncogenic favorable conditions²
- Studies have also shown to support cardiovascular health³

Fast Facts

- Are distinguished by their rich red, purple, and blue colors.
- Found in berries, rice, eggplants, beans, and some types of flowers. Elderberry and Chokeberry have high concentrations of these compounds.
- Anthocyanidins are mostly found in nature as the sugar-conjugated analogues called anthocyanins (i.e. Cyanidin-3-O-Glucoside).

Ordering Information

Order today and **save 15%!**

Description	Grade	CAS #	Part Number
Cyanidin-3-O-Glucoside (Kuromanin Chloride)	P	7084-24-4	00011606
Cyanidin Chloride	P	528-58-5	00003955
Pelargonidin Chloride	P	134-04-3	00016111
Delphinidin Chloride	P	528-53-0	00004125
Petunidin Chloride	P	1429-30-7	00016414
Cyanidin-3-O-Sambubioside Chloride	P	33012-73-6	00003937

GET RELIABLE RESULTS: PLACE YOUR ORDER TODAY!

References

1. Kong, Jin-Ming, et al. "Analysis and Biological Activities of Anthocyanins." *Phytochemistry*, vol. 64, no. 5, Nov. 2003, pp. 923-933., doi:10.1016/s0031-9422(03)00438-2.
2. Sehitoglu MH, et al. Anthocyanins: targeting of signaling networks in cancer cells. *Asian Pac J Cancer Prev*. 2014; 15(5): 2379-81. PMID: 24716988.
3. Jennings, A., et al., *Higher anthocyanin intake is associated with lower arterial stiffness and central blood pressure in women*. *Am J Clin Nutr*, 2012. 96(4): p. 781-8.