



Plasmaflo.

PlasmaFlo® works in synergy with **StemEnhance® ULTRA** and was created to optimize the distribution of your adult stem cells so that they can reach their target.

PlasmaFlo is an exclusive blend of fibrinolytic enzymes, plant extracts and antioxidants.

CHARACTERISTICS AND BENEFITS

Enzymes: *Aspergillus oryzae* is a microorganism traditionally used since Antiquity for the fermentation of various products, such as sake and miso. When this microorganism is cultivated on very specific nutritional sources, it produces fibrinolytic enzymes.

Centella asiatica: *Centella asiatica*, whose popular name is Gotu Kola in America, has been considered for centuries as a panacea in Chinese and Ayurvedic medicine. This plant is widely utilized in South-East Asia, India, Malaysia and Sri Lanka. Gotu Kola leaves are part of salad recipes or they are cooked as a vegetable, along with sweet potatoes and coconut. It is part of Sri Lanka's traditional breakfast. The leaves are the main part used in traditional medicine (Chandrika & Kumarab, 2015). They are rich in triterpenes, the main active molecule, but they are also a good source of carotenoids and flavonoids, two categories of antioxidants. The leaves are also a source of saponins, a sub-category of triterpenes, which are well documented to have several health benefits (Hashim et al., 2011). Our Gotu Kola extract is standardized at 10 % of saponins. *Centella asiatica* supports peripheral blood circulation and vein health.

Hippophae rhamnoides: Sea buckthorn is a thorny shrub, which comes from temperate zones of Europe and Asia (Olas et al., 2016). Berries selected for PlasmaFlo® are native from the high Tibetan plateau and are certified "Organic". Sea buckthorn contains 190 active compounds, such as several vitamins (A, C, & E mainly), amino acids, minerals and omega 3. Berries are rich in vitamin C, whose concentration reaches 1.2g/100g in the extract selected for PlasmaFlo®. As a consequence, sea buckthorn is 24 times more concentrated in vitamin C than oranges.

Theobroma cacao: Cocoa bean is the seed that resides in the fruit of the cocoa crop. Fermentation and roasting of cacao are crucial steps in the production of cocoa. Nevertheless, as a raw ingredient, cocoa bean displays an exceptional profile of nutrients and antioxidants such as flavanols. The extract is certified "organic" and is produced without the use of any solvent or artificial additives.



Citrus limon: Lemon has numerous properties. Its flavonoids content and other potent antioxidants is such that it is widely used not only as common food but also in the composition of soaps and cosmetics. Lemon skin is rich in hesperidin, which is one type of flavonoids (Dobias et al., 2016). The selected extract is standardized to 40% of hesperidin.

Olea europea (hydroxytyrosol): While olive and particularly olive oil have been traditionally used since antiquity as food, they have many biological properties. Olive is rich in anthocyanidins and polyphenols such as oleuropein and hydroxytyrosol. Olives used to produce our extract come from Spain where they are cultivated and harvested according to traditional customs and environment-friendly agriculture, without pesticides and herbicides. The extract is titrated at 10 % of hydroxytyrosol, a highly bioavailable and antioxidant compound present in olive (Zrelli et al., 2015).

Haematococcus pluvialis (astaxanthine): Astaxanthin is a carotenoid that is not a precursor of vitamin A. It constitutes the pink or reddish pigment of shellfish, salmon, and trout. Astaxanthin is a powerful antioxidant (Abdelzaher et al., 2016) also naturally present in a micro-algae called *Haematococcus pluvialis*. Astaxanthin from *Haematococcus pluvialis* is standardized at 2%.

Ginkgo biloba: Native from China where fossilized trees have been found dating back to more than 270 million years, it has been widely used in Chinese traditional medicine for its multiple health benefits and as a symbol of longevity (Singh et al., 2008). The leaves are the part of plants that have been mostly used in traditional medicine. They are rich in flavone glycosides, lactone terpenes and bilobalide, which constitute the three main active molecules in the ginkgo leaves (Ude et al., 2013 ; Singh et al., 2008). In our extract these components have been standardized to 24% flavone glycosides, 6% lactones terpenes and 2.5% bilobalide. *Ginkgo biloba* contributes to normal blood micro-circulation (capillaries).

INGREDIENTS AND LABELS

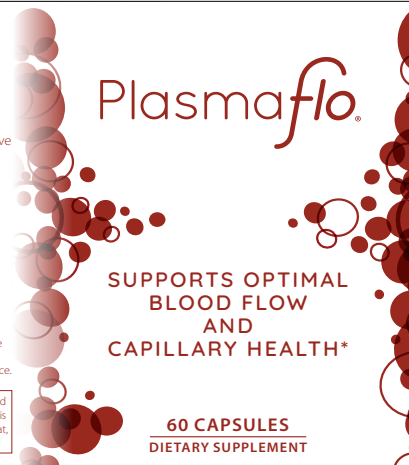
PlasmaFlo® is an exclusive formula containing a proprietary blend of potent proteolytic and fibrinolytic enzymes, exotic plant extracts and powerful antioxidants.

PlasmaFlo is formulated to support the integrity of capillaries and improve the flowing properties of blood to aid in the circulation of stem cells for optimum self-renewal.*

- Supports optimal blood flow*
- Supports the integrity of blood vessels and capillaries*
- Reduces oxidative stress in the blood*

Caution: Use only as directed. Do not take this product if you are pregnant or nursing. Consult a healthcare professional before use if you have existing medical conditions. Not intended for children. Store in a cool dry place.

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.



SUPPORTS OPTIMAL BLOOD FLOW AND CAPILLARY HEALTH*

60 CAPSULES
DIETARY SUPPLEMENT

Suggested Use:
Take 2 capsules daily 30 minutes before or 2 hours after a meal.

Supplement Facts	
Serving Size: 2 capsules Servings per container: 30	
Amount per serving	Amount per serving
Sea Buckthorn (fruit) powder 150mg†	Proprietary Enzyme Blend 200mg†
Haematoxanthin (whole) extract 100mg†	Protease (from Aspergillus oryzae (fruiting body)) *
Gotu Kola (leaf) extract 100mg†	Bromelain (from pineapple (fruit)) *
Olive (fruit) extract 100mg†	Protease (from Aspergillus niger (fruiting body)) *
Chocolate (Theobroma cacao, seed) powder 100mg†	Papain (from Papaya (fruit)) *
Lemon (fruit) extract 100mg†	Peptidase *
Ginkgo (leaf) extract 60mg†	

† Daily value not established




Other ingredients:
Hypromellose (Vegetable Capsule), Organic Rice Concentrate.

Product does not contain:
Dairy, wheat, gluten, peanuts, soy or corn allergens. No artificial flavors or colors.

100% vegetarian and non-GMO.

Distributed by: Cerule International, LLC
18565 Jamboree Rd, Suite 520
Irvine, CA 92612 USA
949-220-2622 | www.cerule.com

Product of the USA
Item Code: PFL101-USEN
Rev: OCT20v1

NPN 80091492 8 64690 00011 1

SUGGESTED USAGE

Recommended daily dose for an adult : 2 capsules per day with a glass of water, 30 minutes before meals or 2h after meals. Do not refrigerate.

ADDITIONAL INFORMATION

Does not contain dairy or gluten. Does not contain artificial aromas, preservatives or coloring agents. Capsule exclusively composed of ingredient from vegetable origin. Suitable for vegetarian consumers.

Cerule has no knowledge of any contraindications to consume **PlasmaFlo** during pregnancy or breastfeeding. However, as a precaution, we advise that you consult your physician.

Cerule has no knowledge of any contraindications or interactions to consume **PlasmaFlo** with any medication. However, if you are taking drugs or if your health requires medical attention, we advise that you consult your physician. Not advised for people taking anticoagulant medication.

FAQ'S

What is PlasmaFlo?

PlasmaFlo works in synergy with **StemEnhance ULTRA** and was created to optimize the of your adult stem cells. **PlasmaFlo** is an exclusive blend of fibrinolytic enzymes, plant extracts and potent antioxidants.

Can PlasmaFlo be used with Cerule supplements (StemEnhance ULTRA® and Cyactiv®) or with other supplements?

Yes, all **Cerule** products can be consumed together and have been created to act in synergy for an optimal wellness. **Cerule** has no knowledge of any contraindications or interactions to consume **PlasmaFlo** with any other supplements.

REFERENCES

Abdelzahr L.A., Imaizumi T., Suzuki T., Tomita K., Takashina m., Hattori Y., 2016, Astaxanthin alleviates oxidative stress insults-related derangements in human vascular endothelial cells exposed to glucose fluctuations, Life Sciences, 150:24-31

Chandrika U.G., Kumarab P.P., 2015, Gotu Kola (Centella asiatica): Nutritional Properties and Plausible Health Benefits, Advances in Food and Nutrition Research, 76:125-157

Dobias L., Petrova M., Vojtko R., Kristova V., 2016, Long-term Treatment with Hesperidin Improves Endothelium-dependent Vasodilation in Femoral Artery of Spontaneously Hypertensive Rats: The Involvement of NO-synthase and Kv Channels, Phytotherapy research, 30(10):1665-1671

Hashim P., Sidek H., Helan M.H.M., Sabery A., Palanisamy U.D., Ilham M., 2011, Triterpene composition and Bioactivities of Centella asiatica, Molecules, 16:1310-1322

Olas B., 2016, Sea buckthorn as a source of important bioactive compounds in cardiovascular diseases, Food and Chemical Toxicology, 97:199-204

Singh B., Kaur P., Gopichand, Singh R.D., Ahuja P.S., 2008, Biology and chemistry of Ginkgo biloba, Fitoterapia, 79:401-418

Ude C., Schubert-Zsilavecz M., Wurglics M., 2013, Ginkgo biloba Extracts: A Review of the Pharmacokinetics of the Active Ingredients, Clin Pharmacokinet, 52(9):727-49

Zrelli H., Kusunoki M., Miyazaki H., 2015, Role of Hydroxytyrosol-dependent Regulation of HO-1 Expression in Promoting Wound Healing of Vascular Endothelial Cells via Nrf2 De Novo Synthesis and Stabilization, Phytotherapy Research, 29(7):1011-18.

FOR MORE INFORMATION

www.cerule.com
www.facebook.com/ceruleglobal
www.youtube.com/cerule

Cerule Caring Crew will answer all your questions by phone at 1(949) 220-2622 or by email at caringcrewus@cerule.com.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.