



Freeze dried organic berries with EGCG, Prebiotic fiber Inulin

## Nutrilong Organic Berries Powder made with freeze dried Organic Berries:

- A combination of Natural Multivitamins like Provitamin A, B and Vitamin C Complex
- Polyphenols effective in anti-aging of skin, neuroprotective and restoring the circulatory system
- Cranberry polyphenol for urinary health and pH
- Anthocyanosides from Bilberry for skin repair and wound healing
- Purest form of Epigallocatechin gallate (EGCG) for enhancing the skin repair process
- Inulin acts as a natural prebiotic and synergistic dietary fiber useful for diabetics, weight management and cholesterol management

### Recommended Daily Supplement for:

1 sachet of NutriLong Organic Berries powder as ready to mix juice once a day can be used for -

- People requiring natural Vitamin C complex with bioflavonoids for Youthful Skin
- Adults involved in high stress, indoor or outdoor for protection from damage due to sun and UV light
- Maintenance of daily immunity and balance of wear and tear
- Men and women having recurrent urinary burning or prone to infections
- People working on weight, cholesterol and healthy heart management
- Nutrition and replenishment to nerve and brain cells
- Does not contain added sugar and can be used as flavonoid based nutrient and energy release supplement in diabetics

**Recommendations:** Use 1 Sachet with Normal or Cold water; once a day after breakfast as daily nutritional supplement

## NutriLong Organic Berries

*Maintains youthful and radiant skin...Everyday*

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**NUTRILong™**  
NUTRITION FOR LONGEVITY



# Organic Berries

Bioflavonoids with Acerola based Vitamin C antioxidant for vitality and skin radiance



Multiberry Flavonoids, EGCG and Prebiotic Inulin Fiber

Polyphenol based antioxidant for skin



EGCG promotes skin repair



Maintains urinary pH



Contains natural provitamin



Supports energy levels



YOUTHFUL SKIN AND HEALTHY CIRCULATION

Dietary Supplement

**Toptime®** A VENTURE OF DELTAS PHARMA



# Organic Berries

Multiberry Flavonoids, EGCG and Prebiotic Inulin Fiber

Radiant and youthful skin is a reflection of circulating vital flavonoids underneath skin. These flavonoids and polyphenolic ingredients work ingeniously on inflammaging. Chronic, low-grade inflammation is also recognized as a major characteristic of the aging process.

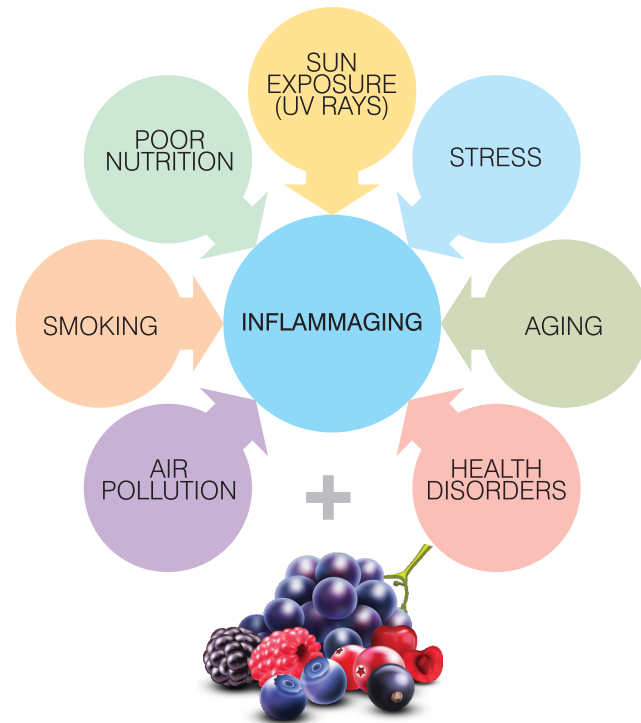
This phenomenon is called "inflammaging." Inflammaging plays a role in the initiation and progression of age-related diseases such as type II diabetes, Alzheimer's disease, cardiovascular disease, osteoporosis, and skin aging.

Bioflavonoid-containing phytomedicines are used as anti-inflammatory and antiallergic remedies, and a flavonoid-rich diet is suggested to play a role in endogenous photoprotection and improves skin's blood circulation (Heinrich et al. 2006a; Neukam et al. 2007).

Exotic berries present in NutriLong Organic Berry Powder are a treasure of nature, exhibit a wide range of antioxidant and genomic DNA repair activity. Bioflavonoids, polyphenols and color pigments found in berries are known for their skin repair, cardioprotective, neuroprotective and cancer preventing properties.



**NutriLong**  
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ORGANIC BERRIES



YOUTHFUL SKIN & HEALTHY CIRCULATION







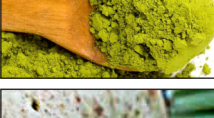



## What is skin aging and photo-aging?

Skin aging is induced by both intrinsic and extrinsic factors. Intrinsic aging is an inevitable physiological process that results in thin, dry skin, fine wrinkles, and gradual dermal atrophy, while extrinsic aging is engendered by external environmental factors such as air pollution, smoking, poor nutrition, and sun exposure, resulting in coarse wrinkles, loss of elasticity, laxity, and rough textured appearance. Notably, long-term exposure to solar ultraviolet (UV) radiation is the primary factor of extrinsic skin aging and is referred to as photo-aging.

## NutriLong Organic Berries; Ingredients Profile:

A blend of freeze-dried Organic Berries Powder of Acerola, Blue berry, Cranberry, Mulberry, Bilberry and Grapes. The natural extract is microencapsulated with prebiotic dietary fibre, Inulin.

INGREDIENTS (EACH TABLET CONTAINS)	COMPOSITION (EQUIVALENT TO)
 Acerola	One of the best natural sources of vitamin C, Pro Vitamin A and other carotenoids, gamma-amino butyric acid (GABA), polyphenols and flavonoids like quercetin and rutin. Useful for preventing photoaging and provides youthful skin <sup>1</sup> .
 Blueberry	Polyphenols from the fruits are powerful intracellular antioxidants at a low concentration, and increase the absorption of Vitamin C and glutathione inside nerve cells; and prevents inflammaging of skin <sup>2</sup> .
 Cranberry	Fruits have been associated with antibacterial and anti-inflammatory properties; and known for efficient recovery from chronic urinary infection and inflammation <sup>3</sup> .
 Mulberry	Anthocyanin components from Mulberry fruit reduces inflammatory changes in skin and nerve cells and provides revitalization and skin youthfulness <sup>4</sup> .
 Grapes	Resveratrol from grapes counter micro-inflammation, acts as a restorative for Sun and UV light related skin damage <sup>5</sup> .
 Bilberry	Anthocyanosides (Vma) from Bilberry have been demonstrated as significantly effective substances in promoting wound repair and the formation of new capillaries <sup>6</sup> .
 EGCG	Epigallocatechin gallate (EGCG); the most abundant catechin found in green tea, combination of EGCG with freeze dried berries makes a novel composition for restoration of skin elasticity and youthfulness <sup>7</sup> .
 Inulin as Soluble Dietary Fiber	Prevent constipation, useful in management of diabetes, cholesterol and weight. Its novel application in NutriLong Organic Berries provided preservation of plant-based proteins, pigments and anthocyanins for a longer time <sup>8</sup> .

The polyphenols found in berries not only provide their color, but also serve as potent antioxidants that have been shown to help protect cell structures in the body and help prevent oxidation in the body's organ systems.

## Each Sachet of NutriLong Organic Berries Powder contains:

- Approximately 1000 mg of natural vitamin C complex from Acerola and other berries; equivalent to 10 Oranges
- Polyphenols found in approximately 3 apple fruits
- Contains EGCG equivalent to 1 Cup of Green Tea
- 50:1 Extract of cranberry equivalent to 7500 mg of Cranberries
- 1200 mg of freeze-dried extract of Blue berry, Cranberry, Mulberry, Bilberry and Grapes equivalent to anthocyanins present in 10 Pomegranates
- 2000 mg of soluble dietary fibers of Inulin found in approximately 100g of Onion

Ref: 1. Fernando Milanez Dias, Daniela Dimer Leffa, Francine Daumann, Schérolin de Oliveira Marques, Thais F Luciano et al. Acerola (Malpighia emarginata DC.) juice intake protects against alterations to proteins involved in inflammatory and lipolysis pathways in the adipose tissue of obese mice fed a cafeteria diet. 2. Marilù Giacalone, Filippo Di Sacco, Ippolito Traupe, Nicola Pagnucci, Francesco Forfori, Francesco Giunta. Blueberry Polyphenols and Neuroprotection. 3. Jeffrey B. Blumberg, Terri A. Camesano, Aedin Cassidy, Penny Kris-Etherton, Amy Howell et al. Cranberries and Their Bioactive Constituents in Human Health. 4. Masood Sadiq Butt, Akmal Nazir, M. Tauseef Sultan, Karin Schron. Morus alba L. nature's functional tonic. 5. Joao Calixto, Michel F. Otuki, Adair R.S. Santos. Anti-inflammatory compounds of Plant origin. Part 1 Action on Arachidonic Acid pathway, Nitric oxide and Nuclear factor kB (NF-kB) 6. Shirley Zafratone, Taharat Yasmin, Manashi Bagchi, Archana Chatterjee, Joe A. Vinson and Debasis Bagchi. Berry anthocyanins as novel antioxidants in human health and disease prevention. 7. Andrew Scholey, Luke Andrew Downey, Joseph Giacconi, Andrew Pipingas. Acute neurocognitive effects of epigallocatechin gallate (EGCG) 8. Nathalie M. Delzenne, Patrice D. Cani, Catherine Daubouf, Audrey M. Neyrinck. Impact of Inulin and oligofructose on gastrointestinal peptides.

