

Carotasome™

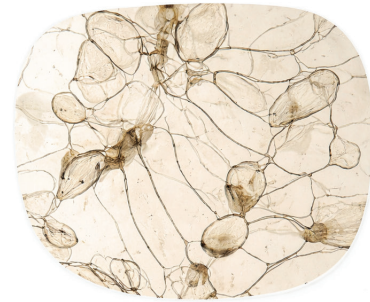
Aseptic Carrot Stem Cell Lysate Rich in Antioxidant, Genome-Supportive & Cellular Resilience Bioactives

INCI
Daucus Carota Sativa
Callus Culture Extract

1-5%

Usage level

- Mild scent
- Plant based
- Water soluble
- 100% natural
- Vegan
- Made in the USA
- cGMP-produced



Carotasome, a purple carrot stem cell extract helps boost the skin's natural resilience by supporting a healthy cellular environment associated with maintaining youthful-looking skin*.

Traditional Ingredients: Beta-Carotene, DNA Repair Enzymes (Photolyase, DNA Glycosylases, T4 Endonuclease V), Hyaluronic Acid

Typical Performance Profile: Traditional photoprotection ingredients typically provide antioxidant defense or moisture retention.

Carotasome Positioning: Carotasome contains antioxidant metabolites including mangiferin, spermidine, and phenolic compounds associated with cellular stress defense, metabolic resilience, and hydration-support pathways. These metabolites contribute to maintaining a healthy cellular environment associated with youthful-looking skin.

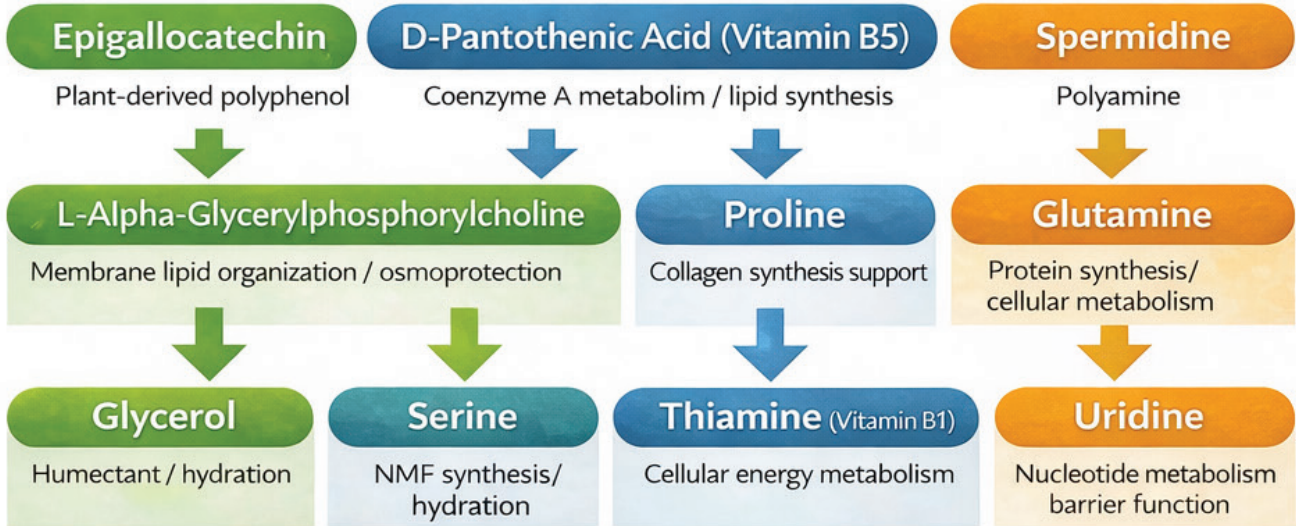
Metabolite	Primary Cellular Support Function	Cosmetic-Compliant Functional Description
Mangiferin	Supports cellular defenses linked to genomic-stability pathways (SIRT1/ATM-associated signaling).	Polyphenolic antioxidants help prevent the visual effects on the skin of oxidative stress and provides the brilliant looking skin that comes with genomic stability.
Spermidine	Supports chromatin organization and cellular renewal processes associated with genome-maintenance mechanisms.	Polyamine that helps support the skin's natural renewal cycle and maintain cellular integrity associated with smooth, youthful-looking skin.
D-Mannitol	Helps neutralize hydroxyl radicals, supporting a cellular environment with reduced oxidative burden.	Sugar alcohol that helps defend skin from environmental oxidative stressors and supports the appearance of healthy, resilient skin.
Vanillic Acid	Provides antioxidant-driven support for cellular resilience against oxidative stress.	Phenolic antioxidant that helps defend skin against environmental oxidative stressors while supporting the appearance of healthy, resilient skin.
Apocynin	Helps moderate reactive oxygen species generation associated with oxidative cellular stress.	Botanical-derived antioxidant that helps defend skin against environmental oxidative stressors while supporting the appearance of healthy, balanced skin.
Glycerol	Helps stabilize biomolecules under stress and supports cellular hydration balance.	Well-known humectant that helps maintain skin hydration and supports the skin's resilience against environmental stressors.

*Inspired by traditional Ayurvedic practices (a centuries-old system of herbal wellness used in India and Southeast Asia) and supported by in vitro testing. These statements have not been reviewed by the FDA. This product is not meant to diagnose, treat, cure, or prevent any disease

Metabolite	Primary Cellular Support Function	Cosmetic-Compliant Functional Description
Protocatechu -aldehyde	Provides antioxidant protection associated with maintaining cellular integrity.	Phenolic compound that helps defend skin from environmental oxidative stressors while supporting the appearance of healthy, resilient skin.
Proline	Supports metabolic pathways associated with cellular stress responses and structural resilience.	Amino acid involved in skin conditioning that helps support the skin's natural resilience and overall skin balance.
Fumaric Acid	Supports Nrf2-associated antioxidant -defense signaling linked to cellular protection from environmental stressors.	Organic acid that helps defend skin against environmental stressors while supporting the appearance of healthy, balanced skin.

Top Carotasome Bioactive Metabolites for Skincare




Bioactive Metabolites



Support Functions

			
Antioxidant Protection	Hydration & Barrier Support	Cellular Energy & Renewal	Collagen Support
<ul style="list-style-type: none"> • Supports Renewed Looking Complexion • Reduces Oxidative Stress • Protects Skin Lipids & Proteins 	<ul style="list-style-type: none"> • Maintains Skin Hydration • Supports Natural Moisturizing Factor (NMF) • Strengthens Skin Barrier 	<ul style="list-style-type: none"> • Aids Skin Turnover • Provides Cellular Energy • Boosts Overall Skin Vitality 	<ul style="list-style-type: none"> • Supports Collagen Synthesis • Maintains Skin Firmness • Supports Dermal Strength

Skin Benefits

			
Healthier, Radiant Skin	Deep Hydration	Revitalized Youthful Complexion	Improved Skin Elasticity

Harness the power of nature to protect, hydrate, and revitalize your skin.

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