



ColorNANO®

Nano-Enhanced Carotenoids for Vibrant Vitality

Nano Carotenoids Enhancing Bioavailability with Nano-Encapsulation

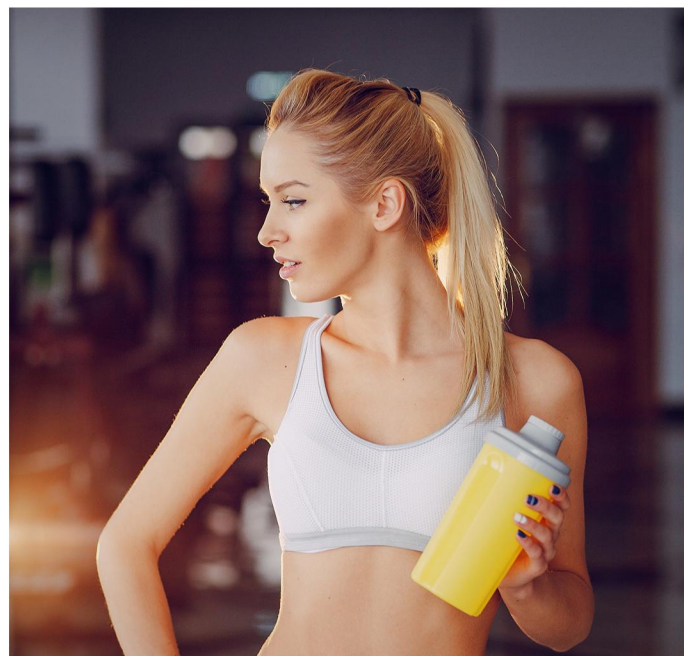
AstaMAZ NZ LTD

ColorNANO® is a premium New Zealand brand specializing in nano-formulated natural pigments and carotenoids, including β -Carotene, Lutein, Lycopene, and Curcumin. Utilizing advanced microencapsulation and nano-emulsion technologies, we produce high-purity, cold water-dispersible powders and clear liquids without solvents, ensuring superior stability and absorption.

More Than Pigments – Comprehensive Benefits:

Pigments and carotenoids in ColorNANO® are nature's vibrant antioxidants, offering targeted health and aesthetic advantages across our range. Key benefits include:

- ✓ **Eye & Vision:** Lutein cuts blue light damage/age-related degeneration (boosts macular density); β -Carotene (becomes Vitamin A) improves night vision.
- ✓ **Skin & Immunity:** β -Carotene, Lutein, Lycopene: UV protection, skin elasticity, less wrinkles, better immunity (neutralizes free radicals); Curcumin soothes skin, brightens (anti-inflammatory).
- ✓ **Heart & Prostate:** Lycopene supports heart (lowers oxidative stress, healthy BP) and prostate (anti-inflammatory).
- ✓ **Inflammation & Joints:** Curcumin reduces inflammation, eases arthritis discomfort, aids joint mobility; works with carotenoids for cell protection.
- ✓ **Overall Wellness:** All compounds promote antioxidant/anti-inflammatory, supports cognition/metabolism, fights environmental stress.



Fully vegan, non-GMO, and suitable for clean-label certifications in global markets like North America, EU, and Asia.

Available in cold-water-soluble (CWS) powders and nano-emulsions with concentrations up to 30%, it offers customizable blends for optimal formulation flexibility.

ColorNANO® nano carotenoids: high-end raw materials for premium use, with enhanced bioavailability via microencapsulation. This New Zealand brand suits innovative formulations needing clear, stable colors/nutrients, offering adjustable forms (e.g., tablet-grade powders, liquid emulsions).

We offer **versatile concentrations** and **carriers** to align with your product goals, such as blends with additional stabilizers for extended shelf life.



Our products enable potential claims positioned for your plant-based nutraceuticals and cosmetics

ColorNANO® ***β*-Carotene**

Product Name and Description	Form	Product Code	Content	Packing Size (kg)
β-Carotene 1% CWS Spray dried powder, cold water dispersible. Based on medium chain triglycerides	Powder	BC-1P	Min. 1% (10mg/g)	5, 25
β-Carotene 10% CWS Spray dried powder, cold water dispersible. Starch-based	Powder	BC-10P	Min. 10% (100mg/g)	5, 25
β-Carotene 1% NE Liquid nano-emulsion	Liquid	BC-1NE	Min. 1% (10mg/g)	1, 25
β-Carotene 30% OS/SF Fluid suspension, heat stable	Liquid	BC-30OS	Min. 30% (300mg/g)	25
Natural β-Carotene 1% CWS/F Spray-dried powder, dispersible in cold water. β-carotene is derived from Blakeslea trispora found in nature	Powder	NBC-1PF	Min. 1% (10mg/g)	5, 25
Natural β-Carotene 5% CWS/F Spray-dried powder, dispersible in cold water. β-carotene is obtained from Blakeslea trispora found in nature	Powder	NBC-5PF	Min. 5% (50mg/g)	5, 25
Natural β-Carotene 7.5% CWS/F Spray-dried powder, dispersible in cold water. Beta-carotene is obtained from Blakeslea trispora found in nature	Powder	NBC-7PF	Min. 7.5% (75mg/g)	5, 25
Natural β-Carotene 10% CWS/F Spray-dried powder, dispersible in cold water. β-carotene is obtained from Blakeslea trispora found in nature	Powder	NBC-10PF	Min. 10% (100mg/g)	5, 25
Natural β-Carotene 30% OS/SF The carotenes are obtained from the alga (<i>Dunaliella salina</i>) and containing a mixture of trans- and cis-isomers of beta-carotene as found in nature	Liquid	NBC-30OS	Min. 30% (300mg/g)	10, 900
Natural β-Carotene 30% OS/BT The carotenes are obtained from the Blakeslea trispora and contain a mix of trans- and cis-isomers of beta-carotene as found in nature	Liquid	NBC-30OS/BT	Min. 30% (300mg/g)	10, 900

ColorNANO® **Lutein**

Product Name and Description	Form	Product Code	Content	Packing Size (kg)
Lutein 1% CWS/P Spray-dried powder, dispersible in cold water. Starch-based	Powder	LT-1P	Min. 1% (10mg/g)	5, 25
Lutein 10% CWS/P Spray-dried powder, dispersible in cold water. Starch-based	Powder	LT-10P	Min. 10% (100mg/g)	5, 25
Lutein 10% CWS/D Spray-dried granules, tablet grade, and cold water dispersible. Starch-based	Powder	LT-10PD	Min. 10% (100mg/g)	5, 25
Lutein 2% NE Liquid nano-emulsion	Liquid	LT-2NE	Min. 2% (20mg/g)	1, 25
Lutein Oil 20% Extracted from marigolds	Liquid	LT-200	Min. 20% (200mg/g)	20

ColorNANO® **Lycopene**

Product Name and Description	Form	Product Code	Content	Packing Size (kg)
Lycopene 10% Oil Reddish-brown oily liquid, a mixture of tomato oil extracted from tomato fruits	Liquid	LP-100	Min. 10% (100mg/g)	25
Lycopene 15% Oil Reddish-brown oily liquid, a mixture of tomato oil extracted from tomato fruits	Liquid	LP-150	Min. 15% (150mg/g)	20

ColorNANO® **Curcumin**

Product Name and Description	Form	Product Code	Content	Packing Size (kg)
Curcumin 15% CWS/P Cold water dispersible powder	Powder	CN-15P	Min. 15% (150mg/g)	5, 25

* Main/active ingredient originating from natural materials. May contain formulation ingredients not matching "natural" definition.



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