

## **Elevating Skincare with Precision Nano-Delivery from New Zealand**

AstaMAZ NZ LTD

AstaNANO® is a premium New Zealand brand dedicated to nano-formulated natural astaxanthin, extracted from *Haematococcus pluvialis* microalgae using advanced supercritical CO2 technology. Our unique nano-emulsion process creates particles under 100nm, ensuring superior penetration and bioavailability without solvents. This eco-friendly approach utilizes closed-system cultivation with pure New Zealand water and natural sunlight, minimizing environmental impact while delivering high-purity astaxanthin tailored exclusively for cosmetic applications. AstaNANO® transforms astaxanthin into a clear, water-soluble nano-emulsion, ideal for seamless integration into skincare formulations like serums, creams, and lotions.

### **More Than Antioxidants – Comprehensive Benefits**

Astaxanthin, nature's most potent antioxidant (up to 600 times stronger than vitamin E), is nano-engineered in AstaNANO® for optimal skin delivery. It provides:

- ✓ **Deep Skin Protection:** Penetrates the epidermis to the dermis, reducing oxidative stress and UV damage for enhanced barrier function.
- ✓ **Anti-Aging and Radiance:** Improves elasticity, moisture retention, and reduces wrinkles, promoting a youthful, glowing complexion.
- ✓ **Soothing and Repair:** Anti-inflammatory properties calm irritated skin, support collagen production, and accelerate recovery from environmental stressors.



**Sourced from sustainable New Zealand microalgae, AstaNANO® is fully vegan, solvent-free, and suitable for clean beauty labels in markets like North America, EU, and Asia.**



Up to 1% astaxanthin in nano-emulsion forms, customizable with stabilizers for extended shelf life.

**AstaNANO®** natural astaxanthin nano-emulsion is exclusively positioned for cosmetic raw materials, *enhancing formulations for skincare, sun care, and anti-aging products*. Its <100nm particles enable transdermal delivery, boosting efficacy in topical applications while ensuring stability in water-based systems.

We provide *flexible concentrations* and *forms* to fit your cosmetic needs, such as clear liquid emulsions or blends with emollients for easy incorporation.



Our nano-emulsions enable premium claims for your clean beauty cosmetics

Product Name and Description	Form	Product Code	Astaxanthin Content	Packing Size (kg)
<b>Astaxanthin Antioxidant Solution 0.1%</b> Astaxanthin Antioxidant Solution is prepared by blending and homogenizing astaxanthin oil (extracted from Haematococcus pluvialis) with sunflower seed oil.	Liquid	AAOC L001	Min. 0.1% (1mg/g)	1, 5, 25
<b>Natural Astaxanthin Nano-Emulsion 0.5%</b> Clear Liquid Emulsion derived from Haematococcus pluvialis microalgae containing	Liquid	FANE005	Min. 0.5% (5mg/g)	1, 5, 25
<b>Natural Astaxanthin Nano-Emulsion 1%</b> Clear Liquid Emulsion derived from Haematococcus pluvialis microalgae containing	Liquid	FANE010	Min. 1.0% (10mg/g)	1, 5, 25
<b>Astaxanthin Nanoliposome Aqueous Solution 0.2%</b> Emulsified solution derived from supercritical fluid extraction of Haematococcus pluvialis. The solution is clear and transparent.	Liquid	FANL002	Min. 0.2% (2mg/g)	1, 5, 25

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



1796B Great North RD, Avondale  
Auckland 1026, New Zealand  
+64 3 281 8588  
info@astamaz.com

**AstaMAZ**  
pure new zealand