

A2 EPA Pure™

Introducing a best-in-class potency Omega-3 ingredient for supplements and pharmaceuticals derived from natural marine life.

Concentration Matters.

Scientific evidence overwhelmingly supports the potential of EPA (eicosapentaenoic acid, C20:5 n-3) as an effective treatment for multiple disease categories such as lipid management, anti-inflammation, and depression. Yet your body cannot generate Omega-3s itself. Instead they must be obtained through your diet. Further, your body must convert the short-chain version (ALA) to a long-chain version (EPA, DHA) to make use of it—but this conversion doesn't happen efficiently. So, the purer, more concentrated the form of long chain Omega-3, the better the efficacy in your body.

While the industry standard concentration of Omega-3 is generally a combination 18% EPA and 12% DHA, Aurora's "crude" algal oil contains 65% EPA and easily lends itself for concentration to pharma-grade levels of 95% EPA or more. With this level of purity and concentration, you get more of what you need and less of what you don't.



Always in season. Always fresh.

A major challenge preventing wide scale adoption has been the availability of a natural, sustainable source of EPA. Yet, with further scientific evidence of the incredible efficacy of this essential fatty acid, global demand is likely to swell at an even greater rate. Current animal (fish oil) and vegetarian (fermented yeast) sources face serious scalability and sustainability issues.

Aurora uses novel and proprietary open pond technology to grow its algae on a scalable platform to meet the rapidly growing demand. With algae's quick and constant growth cycle, we are able to scale our crops to synchronize grow cycles to customer demand.



A fresh alternative to a growing problem

- Unlimited scalability
- Year round fresh supply
- Allergen-free, vegetarian marketability
- Consumer palatability
- Eco-friendly and sustainably grown

A2



Our Product Becomes Your Solution

Our product portfolio is diverse, but our customer philosophy is simple. Collaborate with thought leaders dedicated to delivering high quality, cost competitive solutions to their customers. We recognize that one size does not fit all when it comes to the products that can be made from our algal grain. So we work side by side with our customers to design solutions that fit their specific applications.

This is just the beginning. For more details on the benefits of our aqua crop and the plethora of solutions it can create, visit aurorainc.com.

Algal EPA Oil (EE) Specifications

PRODUCT LOT: ABB604
SPECIFICATION #: ABB604b
EDITION DATE: August 31, 2010
SHELF LIFE: 2 YEARS

Stability and Storage: Aurora oil is sensitive to air, heat, light and humidity. The storage condition will be determined when the large-scale production is established.

Uses: Ingredient for use in dietary supplements (in near-term) and food applications (in longer-term).

Characteristic	Test value	Unit
Appearance	Clear liquid, slightly seaweed scented	
Acid value	≤ 3	Mg KOH/g
Color	11-12	---
Peroxide value	≤ 5	meq/kg
p-Anisidine value	≤ 20	---
Total oxidation	≤ 26	---
Iodine value	310	---
Absorbance at 233nm	≤ 0.6	AU
Eicosapentaenoic acid (EPA, C20:5 (EE)	≥ 580	mg/g
Total n-3 (EE) (EPA, DHA, 18:3, 18:4, 20:3)	≥ 570	mg/g
Eicosapentaenoic acid (EPA, C20:5 (FA)	≥ 500	mg/g
Total n-3 (FA) (EPA, DHA, 18:3, 18:4, 20:3)	≥ 500	mg/g
Eicosapentaenoic acid (C20:5)	≥ 60	A%
Total n-3 (EPA, DHA, 18:3, 18:4, 20:3)	≥ 60	A%
Arsenic (As, inorganic)	< 0.05	mg/kg
Cadmium (Cd)	< 0.01	mg/kg
Mercury (Hg)	< 0.01	mg/kg
Lead (Pb)	< 0.01	mg/kg
OCDDs	$< = 2$ (WHO)	ppt
OCDFs	$< = 2$ (WHO)	ppt
PCBs	≤ 90 (WHO)	ppb
Dioxin like PCBs	≤ 3 (WHO)	ppt

Aurora|algae™
growing natural solutions

aurorainc.com

CORPORATE HEADQUARTERS

Aurora Algae, Inc.
3325 Investment Boulevard
Hayward CA 94545 USA
tel +1 510 266 5000
fax +1 510 266 5001

AUSTRALIA HEADQUARTERS

Aurora Algae Pty Ltd.
PO Box 1644
West Perth WA 6872 AUS
tel +61 (8) 6316 1000
fax +61 (8) 6316 1050