Optimal EFAs® for Optimal Health



Ask your healthcare professional today if Optimal EFAs® are right for you!







Optimal EFAs® Caps is available in a 120-count bottle (#1407).

Supplement Facts

Serving Size: 2 Softgel Capsules Servings Per Container: 60

	Amount Pe Serving	er % Daily Value
Calories	20	
Calories from Fat	20	
Total Fat	2 g	3%†
Saturated Fat	0 g	0%†
Cholesterol	5 mg	2%
Proprietary Blend	2 g	
Flax Seed oil		*
Borage oil		*
Fish oil		*

* Daily Value not established
Other ingredients: Capsule shell (gelatin, glycerin,

water and carob), mixed tocopherols, ascorbyl palmitate and rosemary extract.

Contains ingredients derived from anchovy.

Each serving of Optimal EFAs®	Caps provides:
ALA (Alpha-Linolenic acid)	380 mg
EPA (Eicosapentaenoic acid)	205 mg
DHA (Docosahexaenoic acid)	154 mg
GLA (Gamma-Linolenic acid)	152 mg
Oleic acid	200 mg

This product is gluten and dairy free.

RECOMMENDATION: Two (2) softgel capsules two (2) times each day as a dietary supplement or as otherwise directed by a healthcare professional.

CAUTION: Not recommended for pregnant women.

KEEP OUT OF REACH OF CHILDREN Store in a cool, dry area. Sealed with an imprinted safety seal for your protection.

Product # 1407 Rev. 07/18



For more information, contact our Client Services Department or one of our Technical Consultants

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Optimal EFAs®

ESSENTIAL FATTY ACIDS
BALANCED FOR YOUR HEALTH





Why Optimal EFAs®?







Fatty acid imbalances are common in societies like ours that consume an abundance of processed foods (high in artificial ingredients), hydrogenated (trans) fats, and have an over-reliance on grains. Essential fatty acid (EFA) deficits generally occur in combination; therefore, supplementation with a balanced combination of EFAs makes logical sense.

Optimal EFAs® supplies a unique balance of omega-3, -6, and -9 fatty acids by using the highest quality fish, flaxseed, and borage oils. Each capsule provides optimal ratios of alpha-linolenic acid (ALA), eicosapentaenoic acid (EPA), docosahexaenoic acid (DHA), and gamma linolenic acid (GLA), along with oleic fatty acids.

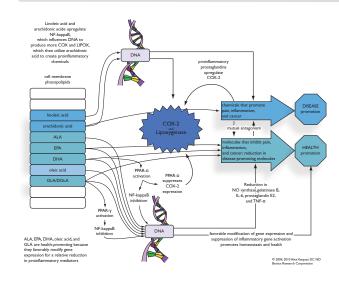
Fish oils are a rich source of the long-chain polyunsaturated omega-3 fatty acids, EPA and DHA. DHA is a vital component of cell membranes, and is especially important for optimal functioning of the brain and eyes. Both EPA and DHA are important for maintaining healthy blood lipids and inhibiting the conversion of arachidonic acid (a fatty acid associated with cancer and heart disease) into pro-inflammatory chemicals (such as prostaglandins and leukotrienes) that cause pain and inflammation.

Biotics Research Corporation takes pride in periodically reviewing raw material sources to be certain the freshest ingredients comprise our products. We are pleased to announce that *new and improved* **Optimal EFAs®** now contains EPA and DHA sourced from a strategically-placed facility in the far South Pacific Ocean off the coast of Chile, guaranteeing the freshest fish oil available with full traceability and unparalleled purity.

Flaxseed oil is a very rich source of alpha-linolenic acid (ALA), an omega-3 polyunsaturated fatty acid, and oleic acid, the same fatty acid attributed to the heart protecting effects of olive oil. Increased consumption of ALA inhibits the production of pro-inflammatory compounds (such as prostaglandins and cytokines) and inhibits platelet aggregation thus reducing the risk of arterial blockage.

Borage oil is an excellent source of gamma-linolenic acid (GLA), which is considered "the good omega-6 fatty acid."

GLA's main benefits come from its metabolites, which have anti-inflammatory properties and inhibit platelet aggregation. Like flaxseed oil, borage oil is also a source of oleic acid. Oleic acid supports healthy levels of blood glucose and insulin, as well as healthy levels of blood lipids.



The key message to remember is this – Americans generally consume too many omega-6 fats (such as corn oil) high in linoleic and arachidonic acids, and too much hydrogenated "trans" fats, all of which promote inflammation. Additionally, we generally consume too little omega-3s and other fatty acids which are known to be "health-promoting." In addition, EFA deficits generally occur in combination, therefore, supplementation with a balanced combination of EFAs is clinically prudent. Masterfully formulated with noted researcher and author, Dr. Alex Vasquez, DC, ND, DO, and tested for purity using the highest standards in the industry, **Optimal EFAs**® provides ALA, EPA, DHA, GLA, and oleic acid in ideal ratios.

Optimal EFAs® BALANCED FOR YOUR HEALTH AND NUTRITION





Optimal EFAs® supplies a unique balance of omega-3, -6, and -9 fatty acids by using the highest quality fish, flaxseed, and borage oils. Each capsule provides optimal ratios of alpha-linolenic acid (ALA), eicosapentaenoic acid (EPA), docosahexaenoic acid (DHA), gamma-linolenic acid (GLA) and oleic fatty acids.

Biotics Research Corporation takes pride in periodically reviewing raw material sources to be certain the freshest ingredients comprise our products. We are pleased to announce that new and improved Optimal EFAs® now contains EPA and DHA sourced from a strategically-placed facility in the far South Pacific Ocean off the coast of Chile, guaranteeing the freshest fish oil available with full traceability and unparalleled purity.

Essential Fatty Acids (EFAs) play an integral role in the optimal functional of our bodies, and help build the foundation for overall health. They are required for the formation of cell membranes, and are essential for cerebral and neurological development and functioning. EFAs are also necessary for the production of eicosanoids, which are collectively responsible for regulating blood pressure and viscosity, and mediating and regulating immune and inflammatory responses.



"Optimal EFAs® supplies a balance of essential fatty acids in amounts and ratios which provide significant health-promoting benefits to the widest range of patient groups." Alex Vasquez, DC, ND, DO

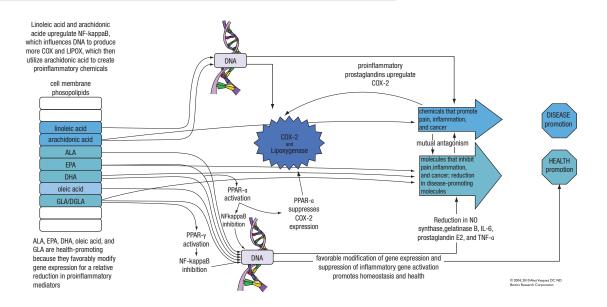


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Optimal EFAs®





Essential Fatty Acids

Fatty acid imbalances are common in societies that consume an abundance of processed foods with artificial ingredients and hydrogenated fats, and have an over-reliance on grains. As a result, we are at risk for a deficiency or imbalance of EFAs, which can result in mood and memory alterations, neurological issues, high blood pressure, coagulation issues, altered cholesterol panels, slow wound healing, impaired growth, dermatological complaints, and poor vision.

EFA deficits generally occur in combination, therefore, supplementation with a balanced combination of EFAs is clinically prudent. Masterfully formulated with noted researcher and author, Dr. Alex Vasquez, DC, ND, DO, and tested for purity using the highest standards in the industry, Optimal EFAs® provides ALA, EPA, DHA, GLA, and oleic acid in ideal ratios.

"Consistent with the theme of current research, **Optimal EFAs®** supplies a balance of essential fatty acids in amounts and ratios that provide significant health-promoting benefits to the widest range of patient groups." – Alex Vasquez, DC, ND, DO

Healthy Balance and Easy Dosing

Optimal EFAs® provides a gluten free, complete, and healthy balance of ALA, EPA, DHA, GLA, and Oleic essential fatty acids. Available as easy-to-take capsules (convenient especially for use at work and during travel) dosing can be easily tailored to a patient's size, weight and health status.

Optimal EFAs® Caps is available in a 120-count bottle (#1407).

Supplement Facts Serving Size: 2 Softgel Capsules Servings Per Container: 60 Amount Per Serving % Daily Value Calories 20 Calories from Fat 20 Total Fat 3%† 2 a Saturated Fat 0%† 2% 5 mg Proprietary Blend 2 g Flax Seed oil Borage oil Fish oil † Percent Daily Values based on a 2,000 calorie diet * Daily Value not established Other ingredients: Capsule shell (gelatin, glycerin,

water and carob), mixed tocopherols, ascorbyl palmitate and rosemary extract

Contains ingredients derived from anchovy.

Each serving of Optimal EFAs® Caps	
ALA (Alpha-Linolenic acid)	380 mg
EPA (Eicosapentaenoic acid)	205 mg
DHA (Docosahexaenoic acid)	
GLA (Gamma-Linolenic acid)	
Oleic acid	200 mg

This product is gluten and dairy free.

RECOMMENDATION: Two (2) softgel capsules two (2) times each day as a dietary supplement or as otherwise directed by a healthcare professional.

CAUTION: Not recommended for pregnant women.

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Product # 1407 Rev. 07/18

ANADA be Best of Science and Nature"

EFA Supplements From Biotics Research CANADA

EFA Products	Serving Size	Total Omega-3s (n-3)	EPA (n-3)	DHA (n-3)	ALA (n-3)	GLA (n-6)	Oleic Acid (n-9)
Biomega-1000™	1 softgel	1,140 mg	570 mg	430 mg			
Biomega-500™	1 softgel	570 mg	285 mg	215 mg			
Biomega-3 Liquid™	1 teaspoon	2,895 mg	1,450 mg	1040 mg			
Blackcurrant Seed Oil	1 softgel	90 mg				80 mg	70 mg
EFA-Sirt Supreme®	6 softgels	2,000 mg	1,145 mg	855 mg		750 mg	425 mg
Evening Primrose Oil	1 softgel	30 mg				45 mg	35 mg
Flax Seed Oil Caps	1 softgel	500 mg			500 mg		110 mg
Mixed EFAs™	1 tablespoon	350 mg			350 mg		7,070 mg
Optimal EFAs®	2 softgels	739 mg	205 mg	154 mg	380 mg	152 mg	200 mg

Amounts are typical and representative



ORIVO Certified

ORIVO is a laboratory company in Norway that provides verification of the marine ingredients of our fish oils. The Orivo seal on our products assures the authenticity of the marine ingredients found in all of our fish oil products. It is a guarantee that the product is:

- 1. Made from anchovy
- 2. From a sustainable fishery off the coast of South America



GOED Member

GOED represents the worldwide EPA and DHA omega-3 industry, and our membership is built on a quality standard unparalleled in the market. The mission of GOED is to increase consumption of EPA and DHA omega-3s and ensure that its members produce quality products that consumers can trust.

Fish Oil Highlights:

- Bioavailable Triglyceride Form
- Therapeutic Potency
- 100% Anchovy
- Sustainable Fishery

- Orivo-Certified
- Lowest TOTOX Levels in the Industry (PPB)
- Naturally Clear Oil
- Tested for Plastics
- Competitively Priced



Flax Seed Oil

Product Number: 1405 (100C)

Flax Seed Oil Caps supplies pure, cold pressed flax seed oil, from certified organically grown flax seeds. Flax seed oil is a natural source of essential fatty acids, especially omega-3 fatty acids (ALA).

Active Ingredients:

Pure flax seed oil



Mixed EFAs™

Product Number: 1402 (8oz)

Mixed EFAs[™] provides a mixture of seed and nut oils supplying essential fatty acids. It supplies pure walnut oil, hazelnut oil, sesame oil and Apricot kernel oil, providing alpha-linolenic acid (omega-3), linoleic acid (omega-6) and oleic acid (omega-9).

Active Ingredients:

Walnut oil, hazelnut oil, sesame oil, and apricot kernel oil



Supplement Facts Serving Size: 1 Softgel Capsule

	Amount Per Serving	% Daily Value
ories	10	
Calories from Fat	10	
al Fat	1 g	2%*
Saturated Fat	0 g	0%*
lesterol	0 mg	0%*
Seed Oil	1,000 mg	†
Alpha-Linolenic Acid (omega-3)	500 mg	†
inoleic Acid (omega-6)	120 mg	†
Dleic Acid (omega-9)	110 mg	t

Ingredients: Flax seed oil, capsule shell (gelatin, glycerin, water

† Daily value not established

general nutrition advice.

This product is gluten and dairy free



*The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for

Ingredients: Walnut oil, hazelnut oil, sesame oil and apricot kernel oil Contains ingredients derived from Walnuts and Hazelnuts.

> Packaged with ultra-pure nitrogen. One tablespoon provides (on average): Alpha-Linolenic Acid (omega-3) 350 mg Linoleic Acid (omega-6) Oleic Acid (omega-9)

EFA-Sirt Supreme

BIOTICS RESEARCH®



Optimal EFAs® Caps

Product Number: 1407 (120C)

Optimal EFAs® Caps supplies a unique balance of omega-3, -6, and -9 fatty acids by using the highest quality fish, flaxseed, and borage oils. Each capsule provides optimal ratios of alpha-linolenic acid (ALA), eicosapentaenoic acid (EPA), docosahexaenoic acid (DHA), gamma-linolenic acid (GLA) and oleic fatty acids. Optimal EFAs® Caps now contains EPA and DHA sourced from a strategically-placed facility in the far South Pacific Ocean off the coast of Chile, guaranteeing the freshest fish oil available with full traceability and unparalleled purity.

Active Ingredients:

Proprietary blend of flax seed oil, borage oil, and fish oil



	Amount Per Serving	% Daily Value
Calories	20	
Calories from Fat	20	
Total Fat	2 g	3%†
Saturated Fat	0 g	0%†
Cholesterol	5 mg	2%
Proprietary Blend	2 g	
Flax Seed oil		*
Borage oil		*
Fish oil		*

Other ingredients: Capsule shell (gelatin, glycerin, water and carob), mixed tocopherols, ascorbyl palmitate and rosemary extract

Contains ingredients derived from anchovy

ach serving of Optimal EFAs® Caps	provides:
LA (Alpha-Linolenic acid)	380 mg
PA (Eicosapentaenoic acid)	205 mg
HA (Docosahexaenoic acid)	154 mg
LA (Gamma-Linolenic acid)	152 mg
leic acid	200 mg

This product is gluten and dairy free. CAUTION: Not recommended for pregnant women.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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OTICS RESEARCH®

BIOTICS RESEARCH

Essential

Fatty Acids

SUPPLEMENTS TO SUPPORT OPTIMAL HEALTH

Biotics Research Corporation, Your Trusted Source of Essential Fatty Acids and Fish Oil Products.

All fats, even saturated fatty acids, play important roles in the body. However, the most vital fats are those our bodies cannot produce and must come from the diet. These essential fatty acids (EFAs) are based in linoleic (omega-3) and alpha-linolenic (omega-6) acids and need to be included in our daily intake. EFAs play an integral role in the optimal functioning of our bodies and build the foundation for overall health. They are required for the formation of cell membranes and are essential for cerebral and neurological development and functioning. EFAs are also necessary for the production of eicosanoids, which are collectively responsible for regulating blood pressure and viscosity and supporting healthy immune and inflammatory responses. They have also been shown to improve the biodiversity of the gut.

For a number of reasons, EFA deficiency is common in the general population due to a disproportionate intake of omega-6 fatty acids relative to omega-3 fatty acids. Therefore, it is important to take in enough and the right kinds of EFAs to optimize health and well-being.

Biotics Research Corporation offers a wide range of products containing various essential fatty acids, all produced from the highest quality ingredients. Our fish oil-based omega-3 fatty acids are sourced from the cold Pacific waters off the coast of South America, guaranteeing the freshest raw material available, full traceability of the products and unparalleled purity.

At Biotics Research, we take pride in maintaining the gold standard of quality in the industry, which means making quality and sustainability a priority when manufacturing supplements. For this reason, Biotics Research has become the first professional supplement brand to become a member of GOED, the Global Organization for EPA (Eicosapentaenoic Acid) and DHA (Docosahexaenoic Acid) omega-3s, and the first US supplement brand to partner with Orivo, a Norwegian-based company that certifies marine species, region of catch and sustainability. Our partnerships with Orivo and GOED not only validate our standards of quality, they confirm our fish oil is derived from a responsible fishery practicing sustainability of our marine life resources.



Biomega-1000[™]







Biomega-1000™ provides a potent dose of omega-3 essential fatty acids (EFAs), sourced from a strategically-placed facility in the far South Pacific Ocean off the coast of Chile, guaranteeing the freshest raw material available, full traceability of the product, and unparalleled purity. Each capsule delivers an impressive 1,000 mg of EPA and DHA, making it the ideal choice for therapeutic dosing.

Active Ingredients:

Vitamin E (as mixed tocopherols) and omega-3 fatty acids

	Amount Per Serving	% Daily Value
Calories	15	
Calories from Fat	15	////
Total Fat	1.5 g	2%*
Saturated Fat	<1 g	<3%*
Vitamin E (as mixed tocopherols)	4 mg	27%
Omega-3 fatty acids	1.14 g	t

Ingredients: Capsule shell (gelatin, glycerin, water and carob) Contains ingredients derived from Anchovy This product is aluten and dairy free

this product is gluten and dairy free.
Each softgel capsule of Biomega-1000™ contains
1,000 mg of EPA and DHA, providing a natural source of
the following total Omega-3 fatty acids:
EPA (Eicosapentaenoic acid) 570 mg
DHA (Docosehexaenoic acid)430 mg
Additional Omega-3 Fatty Acids140 mg



Biomega-500



Biomega-500[™] provides a powerful dose of omega-3 essential fatty acids (EFAs), sourced from a strategically-placed facility in the far South Pacific Ocean off the coast of Chile, guaranteeing the freshest raw material available full traceability of the product, and unparalleled purity. Each capsule provid 500 mg of EPA and DHA, in addition to 70 mg of additional omega-3 fatty acids.

Active Ingredients:

Vitamin E (as mixed tocopherols) and omega-3 fatty acids





STEN STEN	Supplement Factoring Size: 1 Softgel Capsule	ets
CARANTE		Amount Per Serving
	Calories	10
	Calories from Fat	10
	Total Fat	1 g
	Saturated Fat	<0.5 g
ole,	Vitamin E (as mixed tocopherols)	2 mg
ole, des	Omega-3 fatty acids	570 mg
0.00	* Percent Daily Values based on	a 2,000 calorie diet

† Daily Value not established

This product is gluten and dairy free.
ach softgel capsule of Biomega-500TM contains 500 mg f EPA and DHA, providing a natural source of the following otal Omega-3 fatty acids:
PA (Eicosapentaenoic acid)
dditional Omega-3 Fatty Acids70 mg



Biomega-3 Liquid

Biomega-3 Liquid™ is an all-natural marine lipid concentrate, sourced from a strategically-placed facility in the far South Pacific Ocean off the coast of Chile, guaranteeing the freshest raw material available, full traceability of the product, and unparalleled purity. Each serving provides 2,490 mg of EPA and DHA, in addition to 450 mg of additional omega-3 fatty acids.

Active Ingredients:

omega-3 fatty acids

Amount Per % Daily Serving Value

Ingredients: Omega-3 fish oil (Anchovy) natural lemon flavor sunflowe

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Bio-MCT

Product Number: 1421 (16oz)

Bio-MCT™ is a medium chain triglyceride product, containing 100% caprylic triglycerides from coconut/palm kernel oil.

Active Ingredients:

100% caprylic triglycerides from coconut/palm kernel oil



Blackcurrant Seed Oil

Product Number: 1427 (60C)

Blackcurrant Seed Oil is a source of gamma linolenic acid (GLA), the most health-supporting essential omega-6 fatty acid. GLA has been shown to have lipid-modifying properties, and down-regulates inflammatory mediators. Each softgel capsule contains 535 mg of pure blackcurrant seed oil providing gamma linolenic acid (80 mg), alpha linolenic acid (55 mg), linoleic acid (235 mg), oleic acid (55 mg), palmitic acid (35 mg) and stearic acid (35 mg).

Active Ingredients:

Blackcurrant seed oil



Evening Primrose Oil

Product Number: 1412 (180C)

EFA-Sirt Supreme® supplies a unique, highly concentrated essential fatty acid blend, providing an extremely effective relative combination of EPA, DHA and GLA, with all natural mixed tocopherols, specially formulated to be high in gamma (y)-tocopherol.

Active Ingredients:

Natural mixed tocopherols, including d-gamma tocopherols, d-delta tocopherol, d-beta tocopherol, and d-alpha tocopherol, GLA (Gamma Linolenic Acid), EPA (Eicosapentaenoic Acid), DHA (Docosahexaenoic Acid), and additional omega-3 fatty acids

Nutrition Facts Serving Size: 15 mL (1 Tbsp) Calories 100 Total Fat 140

general nutrition advice.

Total Carhohydrate Protein Oa

added sugars, vitamin D, calcium, iron and potassium * The % Daily Value (DV) tells you how much a nutrient in a servir of food contributes to a daily diet. 2,000 calories a day is used for

This product is gluten, dairy and GMO free.

Supplement Facts

lackcurrant Seed Oil 535 mg

Daily Value not established Other Ingredients: Capsule shell (gelatin, glycerin and

This product is gluten and dairy free.

	Amount Per Serving	% Daily Value
Calories (energy)	70	
Total Fat	7 g	9%1
Saturated Fat (not more than)	1 g	5%†
Total Carbohydrate	<1 g	<1%†
Protein	2 g	
Vitamin E	50 mg	333%
Natural Mixed Tocopherols including d-gamma tocopherols, d-delta tocopherol d-beta tocopherol, and d-alpha tocopherol	360 mg	*
GLA (Gamma Linolenic Acid)	750 mg	*
Total EPA and DHA	2 g	*
EPA (Eicosapentaenoic Acid)	1,145 mg	*
DHA (Docosahexaenoic Acid)	855 mg	*

Ingredients: Borage oil, cansule shell (gelatin, glycerin, purified water

Contains ingredients derived from Anchovy

This product is gluten and dairy free

Supplement Facts



Evening Primrose Oil is a supplemental source of all natural gamma-linolenic	
acid (GLA), the most health promoting omega-6 fatty acid. Together with the	Calories
omega-3 fatty acids, omega-6 fatty acids play a number of crucial roles in the	Calories from Fat
body. GLA plays a key role in the regulation of both inflammatory and immune	Total Fat
processes. It plays an important role in brain function, as well as in normal	Saturated Fat Polyunsaturated Fat
growth and development, and is beneficial for the stimulation of skin and hair	Monounsaturated Fat
	Gamma-Linolenic Acid
growth, the maintenance of bone health, the regulation of metabolism, and it	Linoleic Acid
also functions as an important component in the reproductive system.	* Percent Daily Values based or
	† Daily Value not established

Active Ingredients:

Gamma-linolenic acid and linoleic acid

Product Numbers: 1428 (100C)



ngredients: Evening Primrose oil and capsule shell (gelatin, glycerin and water).

This product is gluten, dairy and GMO free

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ISYOUR FISH OIL CERTIFIED BY ORIVO?

Single species?
Sustainable?
Traceable?



Biotics Research is the first US supplement company certified by Orivo!



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