

# Biomega-1000™

NUTRITIONAL SUPPLEMENT



**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.

## Health Benefits

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.

## EFAs support the following:

- Neurological Health (mood, focus and memory)
- Emotional Health
- Cardiovascular Health
- Immune System Health
- Cell Membrane Health (hair, skin and nails)
- Inflammatory Response

## The Biomega Difference

For over 40 years, Biotics Research Corporation has been a leader in the nutritional supplements industry by providing the highest quality products, continually surpassing industry standards with rigorous lab testing procedures and top-notch sourcing of raw materials.



**(800) 840-1676**

Biotics Research Canada  
Box 283 • Keswick ON L4P 3E2  
[orders@bioticscan.com](mailto:orders@bioticscan.com)

# Biomega-1000™



## Freshest Raw Material

Unlike other fish oils that can be harvested continents away from fish oil processing plants, **Biomega-1000™** is produced in close proximity to the harvest areas, which results in the freshest fish oil available.

## Unparalleled Purity

**Biomega-1000™** is sourced from fish oils that not only pass GOED (Global Organization for EPA and DHA) standards with flying colors, but also have the lowest levels of contaminants, environmental pollutants, heavy metals and oxidation parameters according to measured TOTOX levels. All concentrates are consistently below 5 in TOTOX. In addition, the source of **Biomega-1000™** has the best sensory profile, which means their evaluations assessing fishy, metallic or pungent profiles receive the highest grades.<sup>(1)</sup> In addition to the quality testing performed by the raw material provider, Biotics Research tests each batch of fish oil in a state-of-the-art laboratory facility to ensure the promised freshness, purity and efficacy.

## Full Traceability

With more and more people concerned about the source of their supplements, **Biomega-1000™** offers full traceability to the fish from which the oil is derived. **Biomega-1000™** fish oil source is certified by ORIVO, an NMR-based (nuclear magnetic resonance) laboratory test, which verifies a marine ingredient's authenticity based on species and geographic origin. Each batch of **Biomega-1000™** has a certified origin.

## Therapeutic Potency

**Biomega-1000™** capsules deliver an impressive 1,000 mg of omega-3 oils, making it the ideal choice for therapeutic dosing of the essential fatty acids, EPA and DHA.

### VERY LOW IN CONTAMINANTS AND ENVIRONMENTAL POLLUTANTS

Max. values in GOED monograph or EU directive v/s **Biomega-1000™** typical values

Benzo(a)pyrene	
EU or GOED monograph (ug/kg)	2
<b>Biomega-1000™</b> (ug/kg)	<b>0,5</b>
Sum of Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene and Chrysene	
EU or GOED monograph (ug/kg)	10
<b>Biomega-1000™</b> (ug/kg)	<b>2</b>
PCB 209 Congeners (28, 52, 101, 118, 138, 153 & 180 included)	
EU or GOED monograph (mg/kg)	0,09
<b>Biomega-1000™</b> (mg/kg)	<b>0,002</b>
Dioxins and Furans (WHO-PCDD/F-TEQ)	
EU or GOED monograph (pg/kg)	1,75
<b>Biomega-1000™</b> (pg/kg)	<b>0,35</b>
Dioxins, Furans and Dioxin-like PCBs	
EU or GOED monograph (pg/g)	3
<b>Biomega-1000™</b> (pg/g)	<b>0,55</b>

# Biomega-1000™



## VERY LOW IN HEAVY METALS

Max. values in GOED monograph v/s Biomega-1000™ typical values

<b>Lead (Pb)</b>	
GOED monograph (mg/kg)	0,1
<b>Biomega-1000™ (mg/kg)</b>	<b>0,001</b>
<b>Cadmium (Cd)</b>	
GOED monograph (mg/kg)	0,1
<b>Biomega-1000™ (mg/kg)</b>	<b>0,001</b>
<b>Mercury (Hg)</b>	
GOED monograph (mg/kg)	0,1
<b>Biomega-1000™ (mg/kg)</b>	<b>0,001</b>
<b>Arsenic (AS)</b>	
GOED monograph (mg/kg)	0,1
<b>Biomega-1000™ (mg/kg)</b>	<b>0,01</b>

## VERY LOW IN OXIDATION PARAMETERS

Max. values in GOED monograph vs. Biomega-1000™ typical values

<b>Peroxide value (POV)</b>	
GOED monograph (Meq/Kg)	5
<b>Biomega-1000™ (Meq/Kg)</b>	<b>0,5</b>
<b>Anisidine value (p-AV)</b>	
GOED monograph	20
<b>Biomega-1000™</b>	<b>5</b>
<b>Total oxidation (ZPOV + p-AV)</b>	
GOED monograph	26
<b>Biomega-1000™</b>	<b>5</b>

## Triglyceride Form

**Biomega-1000™** uses only the triglyceride form of fish oil versus ethyl ester. The potency of fish oil is important, but at Biotics Research Corporation, we

believe the form of fish oil should be delivered in its most natural state, the triglyceride form. The human body is accustomed to digesting and absorbing EPA and DHA in the natural triglyceride form, and it appears this natural form allows for greater absorption and bioavailability. Studies show the triglyceride form of fish oil was hydrolyzed by pancreatic lipase 12 to 15 times faster than the EE form.<sup>(2)</sup> Some companies, however, choose the ethyl ester form to save on cost. But according to a review of evidence reported in the journal, Progress in Lipid Research, apparent bioavailability seems to be lowest for the ethyl ester form.<sup>(3)</sup> Other studies confirm that the triglyceride form of fish oil is more efficiently digested and 70% more absorbable than the ethyl ester form.<sup>(4)</sup> When given identical doses of EPA and DHA, a higher increase in the omega-3 index was reported when consumed as triglycerides versus ethyl esters.<sup>(5)</sup>

## OmniPureTG Guarantee

**Biomega-1000™** comes with the OmniPureTG Guarantee, which means “purity is our priority from catch to capsule”.

While many fish oils require rigorous processing to attain industry standards of purity, **Biomega-1000™** contains oil that is naturally pure due to a constant freshness from the time the fish is caught until the oil is packaged, and beyond. **Biomega-1000™** is processed a short distance from harvest, eliminating travel time and vulnerability to rancidity. Unique and gentle patented processes are used to purify

# Biomega-1000™



the fish oil from contaminants, yielding a colorless oil with record-setting low TOTOX levels. Testing continues every step of the way, even after the oil is encapsulated, to ensure freshness and purity.

**Biomega-1000™** fish oil is delivered in the triglyceride (TG) form that is found in nature and shown to be the most bioavailable.

**Freshest Raw Material**  
**Full Traceability**  
**Purest Quality Guaranteed**

#### References

1. <http://www.sciencedirect.com/science/article/pii/S0308814610006072>
2. Lang, L-Y, A. Kuksis, and J. J. Myher. Lipolysis of menhaden oil triacylglycerols and the corresponding fatty acid alkyl esters by pancreatic lipase in vitro: a reexamination. *J. Lipid Res.* 1990;31:137-148.
3. (*Prog Lipid Res.* 2014 Oct;56:92-108. doi: 10.1016/j.plipres.2014.09.001. Epub 2014 Sep 16.)
4. (Dyerberg J, Madsen P, Møller JM, Aardestrup I, Schmidt EB. Bioavailability of marine n-3 fatty acid formulations. *Prostaglandins Leukot Essent Fatty Acids.* 2010 Sep;83(3):137-41).
5. Neubronner J, Schuchardt JP, Kressel G, Merkel M, von Schacky C, Hahn A. Enhanced increase of omega-3 index in response to longterm n-3 fatty acid supplementation from triacylglycerides versus ethyl esters. *Eur J Clin Nutr.* 2011;65(2):247-54.

## Supplement Facts

Serving Size: 1 Softgel Capsule

	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	†

\* Percent Daily Values based on a 2,000 calorie diet

† Daily Value not established

Other Ingredients: Capsule shell (gelatin, glycerin, water and carob).

Contains ingredients derived from Anchovy.

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 (Docosahexaenoic acid)..... 430 mg  
Additional Omega-3 Fatty Acids ..... 140 mg

**RECOMMENDATION:** One (1) softgel capsule with each meal as a dietary supplement or as otherwise directed by a healthcare professional.

#### KEEP OUT OF REACH OF CHILDREN

Store in a cool, dry area.

Sealed with an imprinted safety seal for your protection.

Product # 1417 Rev. 01/18

**Biomega-1000™** marine lipid concentrate conforms with the following certifications:



(800) 840-1676 | [orders@bioticscan.com](mailto:orders@bioticscan.com)

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

## Why Choose Professional Brand Fish Oils?

Approximately 23% of Americans take fish oil supplements, according to the Global Organization for EPA and DHA Omega-3s (GOED). Today, most doctors recognize the need to supplement our diets with fish oil because it contains significant amounts of omega-3 fatty acids, which play important roles in our overall health. These essential fatty acids, specifically, EPA and DHA, are difficult to obtain from the standard American diet (SAD), which is top-heavy in omega-6 oils. The dietary imbalance between omega-3s and omega-6s wreaks havoc on the body and, unless we're eating multiple servings of cold-water oily fish each week, such as salmon, herring, mackerel, anchovies or sardines, we probably need omega-3 supplementation.

However, finding the right fish oil can be confusing; it seems every store, supermarket or internet ad markets a fish oil product. Fish oil supplements have been promoted to do everything from protect the heart and ease inflammation to improve mental health and prolong longevity. Because of this, Americans spend more than \$1 billion on over-the-counter fish oil, but is this the most reliable source for health benefits?

Oftentimes, with no knowledge of fish oil quality, a consumer is forced to make a decision based on price. The old adage, "You get what you pay for" rings loud and clear when it comes to fish oil. Fish oil production is an intricate business, one that involves many steps in the journey from ocean waters to store shelf. The type of fish used, location of harvest points, distance traveled from place of harvest to production facility, mechanisms used for purification, end-product form of the fish and the type of storage used throughout the entire process all matter when selecting a high-quality fish oil.

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

**Biomega-1000™** —  
the freshest omega-3 fatty acid  
product on the market.



**Ask your healthcare professional  
today about fish oils!**



**(800) 840-1676**

Biotics Research Canada  
Box 283 • Keswick ON L4P 3E2  
orders@bioticscan.com

LIT-244 © Copyright 2018 Rev. 01/18

# Biomega-1000™

NUTRITIONAL SUPPLEMENT



# So how do you avoid the many pitfalls of buying a fish oil that stinks?



## Traceability

Find out the name of the fisherman. Sounds silly, but it can almost be done. Traceability is possible. Assuming the fish oil contains oil from fish (surprisingly, there are fish oil products that contain oils from sources other than fish), it's important to know, geographically, where the fish is harvested. Is the oil from a collection of fish from various sources? Is it a small fish (less contaminants)? Is this fish harvested in a sustainable way? At Biotics Research we can trace the fish oil right back to specific fishing vessels, pinpointing harvest to an exact location. Being able to trace your fish oil to a source helps validate quality.

## Processing and Storage

How far away has the fish oil been processed from where it's been harvested? If, for example, the oil had to be transported multiple times around the world (often the case), it is at higher risk for rancidity, or oxidation. One study found 50% of fish oils on the market exceeded oxidation limits (Jackowski. J. Nutr Sci 2015). Fresh fish oil is the most potent, so less travelling time and proper storage conditions are critical to avoid oxidation. When an oil is oxidized, or damaged, it not only becomes less effective, but potentially damaging to your health. A study from Spain, where women were given less oxidized fresh fish oil versus a highly oxidized sample, showed the women who received the less oxidized capsules had a positive impact on triglycerides and cholesterol. Alternatively, the women receiving the highly oxidized sample saw a negative impact on their cholesterol. In this case, no fish oil may have been preferable.

## Fatty Acid Content

How much DHA and EPA are actually in the product? According to independent lab testing, multiple brands of fish oil did not contain the amount of EPA and DHA listed on the supplement facts. They found the concentrations of EPA and DHA in many pills and liquids varied from as little as 8% to over 80% of the fish oil content. The concentration depends on the source of omega-3s, how the oil is processed and the amounts of other ingredients in the product. A professional brand should clarify the amounts of DHA and EPA in your product.

## Labelling

Don't let labels fool you. Although many nutrients have a daily value (DV) assigned to them, there is no DV for the essential fatty acids, EPA and DHA. So, if the label mentions anything about "significant" or "substantial" amounts, or if it says anything at all related to the "amounts", walk away. This is not labelling. It is mislabelling. The FDA provides no baseline daily value so there is nothing against which to measure any kind of amount. Also, beware the word "natural". The term natural means nothing, and is used as a marketing ploy. Some products with "natural" in the name were found to not provide a truly natural fish oil, but a chemically treated one, laced with many chemicals.

## Fish Oil Form

All fish oils are not created equally. They come in many forms – ethyl ester, monoglyceride, and triglyceride. Fish oils are

naturally found in the triglyceride form, but some companies sell the ethyl ester form. Studies have shown people absorb the triglyceride form 76% more than the ethyl ester. Look for the triglyceride form.

Although there are industry standards for fish oil, neither the FDA nor any other federal or state agency tests fish oil supplements for quality or efficacy prior to sale. The responsibility for quality falls on the manufacturer and brand of the fish oil product. For this reason, it is incumbent upon the consumer to vet the brands. At Biotics Research, we can verify the traceability and also validate the quality of the product.





# IS YOUR FISH OIL CERTIFIED BY ORIVO?

Single species?  
Sustainable?  
Traceable?



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



*"The Best of Science and Nature"*

**(800) 840-1676**

Biotics Research Canada  
Box 283 • Keswick ON L4P 3E2  
orders@bioticscan.com  
[www.bioticscanada.com](http://www.bioticscanada.com)

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.

## Other Primary Cardiometabolic Support Formulas



### Berberine HCl

**Product Number: 5212 (90C)**

Berberine HCl supplies Berberine HCl isolated from Berberis vulgaris (barberry). Berberine has a long history of use in both Chinese and Ayurvedic medicine to support normal glucose and/or lipid metabolism.

#### Active Ingredients:

Berberine Hydrochloride. Berberine HCl is purified from Berberis vulgaris.



Supplement Facts		
Serving Size: 1 Capsule		
	Amount Per Serving	% Daily Value
Berberine Hydrochloride	500 mg	*
* Daily Value not established		

**Other ingredients:** Cellulose, capsule shell (gelatin and water) and magnesium stearate (vegetable source).

Berberine HCl is purified from Berberis vulgaris.

This product is gluten, dairy and GMO free.



### Biomega-1000™

**Product Number: 1417 (90C)**

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. Biomega-1000™ capsules deliver an impressive 1,000 mg of EPA and DHA, making it the ideal choice for therapeutic dosing.

#### Active Ingredients:

Vitamin E (as mixed tocopherol), Omega-3 fatty acids



Supplement Facts		
Serving Size: 1 Softgel Capsule		
	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	†

\* Percent Daily Values based on a 2,000 calorie diet  
† Daily Value not established

**Other ingredients:** Capsule shell (gelatin, glycerin, water and carob).

Contains ingredients derived from Anchovy.

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 (Docosahexaenoic acid)	430 mg
Additional Omega-3 Fatty Acids	140 mg

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.



### CoQ-Zyme 100 Plus™

**Product Number: 2617 (60C)**

CoQ-Zyme 100 Plus™ supplies 100 mg of emulsified co-enzyme Q10, along with the B-complex vitamins Thiamin, Riboflavin, Niacin, Vitamin B6, Folate, Vitamin B12, Biotin and Pantothenic acid.

#### Active Ingredients:

Thiamin (B1) (as cocarboxylase chloride); Riboflavin (B2) (as riboflavin-5-phosphate); Niacin (as niacin & niacinamide); Vitamin B6 (as pyridoxal-5-phosphate); Folate (as calcium folinate); Vitamin B12 (as methylcobalamin); Biotin; Pantothenic acid (as calcium pantothenate); Coenzyme Q10 (emulsified); Superoxide Dismutase (from vegetable culture); Catalase (from vegetable culture) † Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.



Supplement Facts		
Serving Size: 1 Capsule		
	Amount Per Serving	% Daily Value
Thiamin (B1) (as cocarboxylase chloride)	1.5 mg	100%
Riboflavin (B2) (as riboflavin-5-phosphate)	1.7 mg	100%
Niacin (as niacin & niacinamide)	20 mg	100%
Vitamin B6 (as pyridoxal-5-phosphate)	2 mg	100%
Folate (as calcium folinate)	400 mcg	100%
Vitamin B12 (as methylcobalamin)	6 mcg	100%
Biotin	300 mcg	100%
Pantothenic acid (as calcium pantothenate)	10 mg	100%
Coenzyme Q10 (emulsified)	100 mg	*
Superoxide Dismutase (from vegetable culture)†	80 mcg	**
Catalase (from vegetable culture)†	80 mcg	**

\* Daily Value not established

**Other ingredients:** Capsule shell (gelatin and water), gum arabic and magnesium stearate (vegetable source).



### GlucoBalance®

**Product Number: 1850 (90C) and 1851 (180C)**

GlucoBalance® was formulated by Johnathan Wright, MD and Alan Gaby, MD, and is specifically targeted to support individuals with undesirable blood sugar levels. In these individuals, specific dietary needs may exist, necessitating the need for higher amounts of important micronutrients. Deficiencies of certain minerals such as potassium, magnesium, zinc and chromium, are well documented in those with uncontrolled hyperglycemia, and may predispose these individuals to carbohydrate intolerance. (Chadeh JM, Sheikh-Ali M, Mooradian AD. The Role of Micronutrients in Managing Diabetes. Diabetes Spectrum. September 21, 2009 22:4 214-218.) GlucoBalance® may also be beneficial in supporting normal, healthy blood lipid levels.

#### Active Ingredients:

Vitamin A (as retinyl acetate); Vitamin C (as calcium ascorbate and ascorbic acid); Vitamin D (as cholecalciferol); Vitamin E (as d-alpha tocopheryl acetate); Thiamin (B1) (as thiamin mononitrate); Riboflavin (B2); Niacin (as niacinamide and niacin); Vitamin B6 (as pyridoxine hydrochloride); Folate (as calcium folinate); Vitamin B12 (as methylcobalamin); Biotin; Pantothenic Acid (as calcium pantothenate); Calcium (as ascorbate, citrate and carbonate); Magnesium (as aspartate, citrate and oxide); Zinc (as zinc picolinate and zinc citrate); Selenium (as selenomethionine); Copper (as copper gluconate); Manganese (as manganese citrate); Chromium (as chromium aspartate); Potassium (as potassium aspartate); Vanadium (as vanadium aspartate); L-Carnitine fumarate



Supplement Facts		
Serving Size: 6 Capsules		
Servings Per Container: 15		
	Amount Per Serving	% Daily Value
Vitamin A (as retinyl acetate)	1,500 mcg RAE	167%
Vitamin C (as calcium ascorbate and ascorbic acid)	500 mg	556%
Vitamin D (as cholecalciferol)	2.5 mcg	13%
Vitamin E (as d-alpha tocopheryl acetate)	270 mg	1,800%
Thiamin (B1) (as thiamin mononitrate)	50 mg	4,167%
Riboflavin (B2)	25 mg	1,923%
Niacin (as niacinamide and niacin)	150 mg	938%
Vitamin B6 (as pyridoxine hydrochloride)	30 mg	1,765%
Folate (as calcium folinate)	800 mcg DFE	200%
Vitamin B12 (as methylcobalamin)	50 mcg	2,083%
Biotin	3,000 mcg	10,000%
Pantothenic Acid (as calcium pantothenate)	100 mg	2,000%
Calcium (as ascorbate, citrate and carbonate)	200 mg	15%
Magnesium (as aspartate, citrate and oxide)	400 mg	95%

	Amount Per Serving	% Daily Value
Zinc (as zinc picolinate and zinc citrate)	30 mg	272%
Selenium (as selenomethionine)	150 mcg	272%
Copper (as copper gluconate)	2 mg	222%
Manganese (as manganese citrate)	20 mg	870%
Chromium (as chromium aspartate)	1,000 mcg	2,857%
Potassium (as potassium aspartate)	99 mg	2%
Vanadium (as vanadium aspartate)	20 mcg	*
L-Carnitine fumarate	30 mg	*

\* Daily Value not established

**Other ingredients:** Capsule shell (gelatin and water) and magnesium stearate (vegetable source).

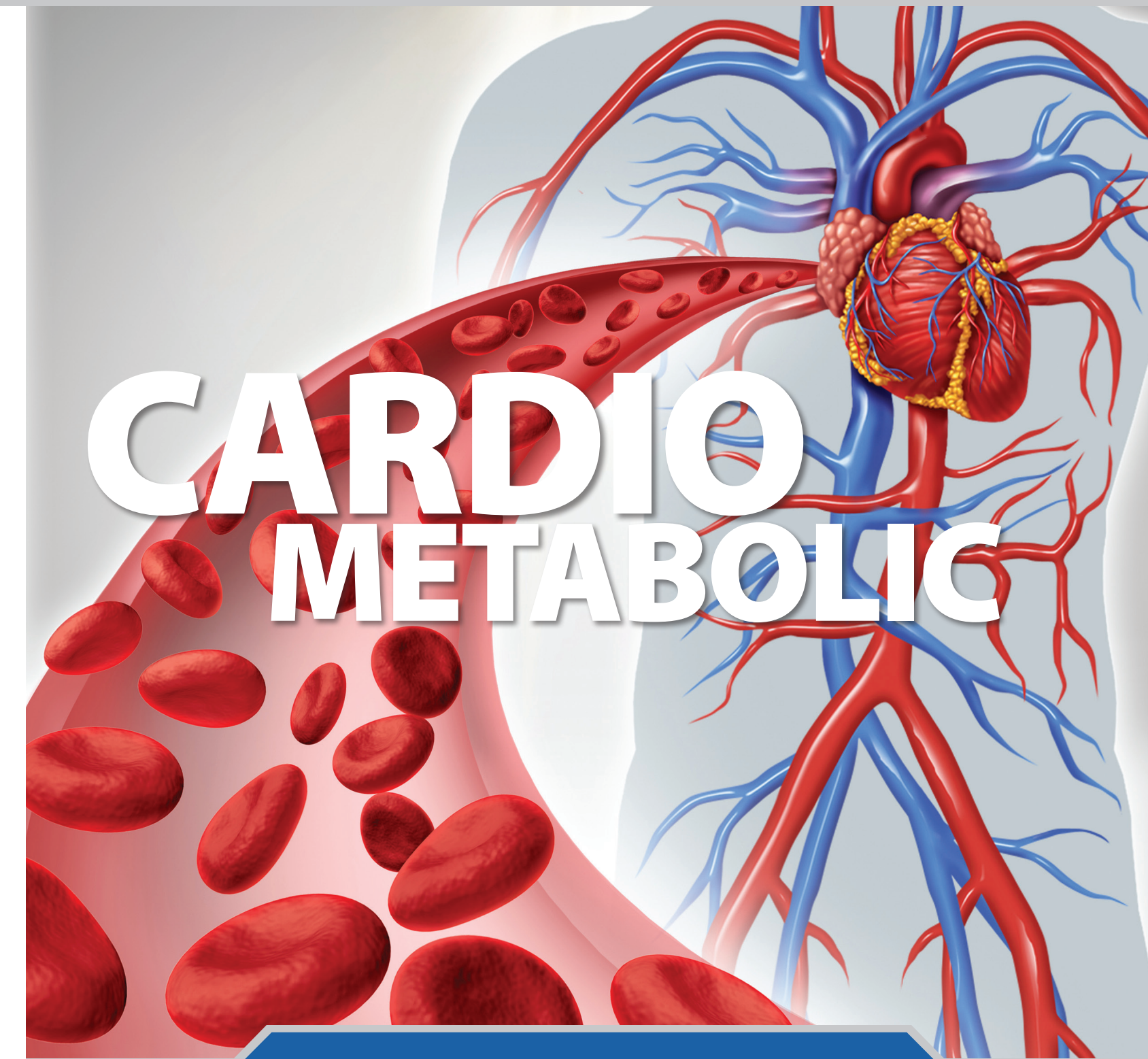
This product is gluten, dairy and GMO free.

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.



**Biotics Research Canada**  
Box 283, Keswick ON L4P 3E2  
(800) 840-1676  
orders@bioticscan.com

LIT-245 © Copyright 2018 Rev. 02/18



SUPPLEMENTS TO SUPPORT CARDIOVASCULAR & METABOLIC HEALTH





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:

- Made from anchovy
- 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

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.



## 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



## 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



Supplement Facts		
Serving Size: 1 Softgel Capsule		
	Amount Per Serving	% Daily Value
Calories	10	
Calories from Fat	10	
Total Fat	1 g	2%*
Saturated Fat	0 g	0%*
Cholesterol	0 mg	0%*
Flax Seed Oil	1,000 mg	†
Alpha-Linolenic Acid (omega-3)	500 mg	†
Linoleic Acid (omega-6)	120 mg	†
Oleic Acid (omega-9)	110 mg	†

\* Percent Daily Values based on a 2,000 calorie diet  
† Daily value not established

Ingredients: Flax seed oil, capsule shell (gelatin, glycerin, water and carob).

This product is gluten and dairy free.

Nutrition Facts		
16 servings per container		
Serving Size: 15 mL (1 Tbsp)		
Amount Per Serving		
Calories 130		
		% Daily Value*
Total Fat	14g	18%
Saturated Fat	1g	5%
Sodium	0mg	0%
Total Carbohydrate	0g	0%
Protein	0g	

Not a significant source of cholesterol, dietary fiber, total sugars, added sugars, vitamin D, calcium, iron and potassium.  
\* 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 general nutrition advice.

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) ..... 5,180 mg  
Oleic Acid (omega-9) ..... 7,070 mg

Supplement Facts		
Serving Size: 2 Softgel Capsules		
Servings Per Container: 60		
	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	*	

† 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 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.

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.

LIT-256 © Copyright 2019 Rev. 04/19

# Essential Fatty Acids



SUPPLEMENTS TO SUPPORT OPTIMAL HEALTH

(800) 840-1676

www.bioticscan.com

Biotics Research Canada  
Box 283 • Keswick ON L4P 3E2  
orders@bioticscan.com



# GI HEALTH



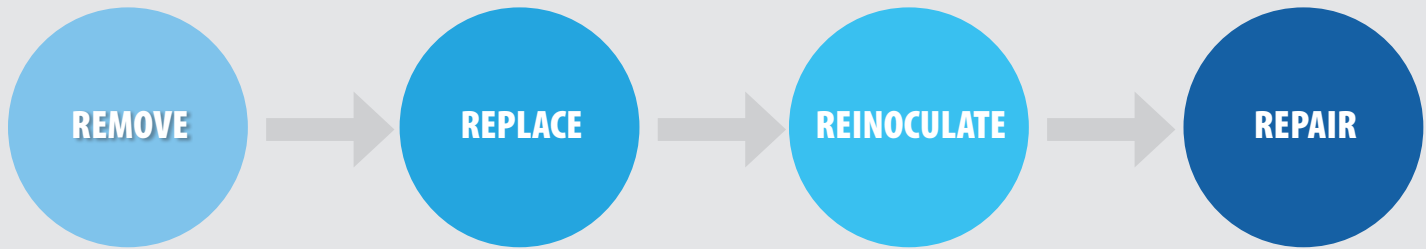
**BIOTICS<sup>®</sup>**  
RESEARCH  
CANADA

*"The Best of Science and Nature"*

---

**SUPPLEMENTS TO SUPPORT GASTRO-INTESTINAL HEALTH**

# Address these stages of GI Health\*



\*These may not be in chronological order, depending on the specific GI issue.

## REMOVE

Overgrown yeast and bacteria that may (or may not) normally live in the GI tract are removed using specific gluten free nutritional supplements, including a proven-effective patented formula.



### A.D.P.<sup>®</sup>

**Product Number: 1101 (60T) or 1104 (120T)**

A.D.P.<sup>®</sup> is a proven-effective\* patented formula. Utilizing micro-emulsification and delayed release technologies, A.D.P.<sup>®</sup> delivers standardized oil of oregano throughout the digestive tract, where it functions to impact undesirable intestinal organisms.

\*Phytother Res 2000 May

**Active Ingredients:**

Oregano (*Origanum vulgare*) (standardized extract)



Supplement Facts	
Serving Size: 1 Tablet	
	Amount Per Serving
Oregano Oil ( <i>Origanum vulgare</i> ) (extract from leaf)	50 mg*
* Daily Value not established	
<b>Other ingredients:</b> Cellulose, modified cellulose gum, potassium sorbate, stearic acid (vegetable source), silica, water and gum arabic.	
A.D.P. <sup>®</sup> supplies oregano oil which is emulsified and processed in a sustained release form for optimal effectiveness. This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.	
Patent #5,955,086	
This product is gluten, dairy and GMO free.	



### BiomeBalance

**Product Number: 7856 (120C)**

BiomeBalance supplies a proprietary blend of herbs and herbal extracts to support normal gut health. Select herbs are recognized in promoting the synergistic healing of damaged intestinal tissue, resulting predominately from dysbiosis\*. The combination of Eastern and Western herbs in this formula provides a broad anti-dysbiotic effect, even with low dosing.

\*Glob Adv Health Med. 2014 May

**Active Ingredients:**

Proprietary Blend including Dill (*Anethum graveolens*) (seed), *Stemona* (*Stemona sessilifolia*) (root) (powder and extract), Wormwood (*Artemisia absinthium*) (shoot & leaf) (extract), Java Brucea (*Brucea javanica*) (fruit) (powder & extract), Chinese Pulsatilla (*Pulsatilla chinensis*) (rhizome) (powder & extract), Jamaica Quassia (*Picrasma excelsa*) (bark) (extract), Cutch Tree (*Acacia catechu*) (heartwood & bark) (powder & extract), Hedyotis (*Hedyotis diffusa*) (aerial part) (powder & extract), Yarrow (*Achillea millefolium*) (leaf & flower) (extract).



Supplement Facts	
Serving Size: 2 Capsules	
Servings Per Container: 60	
	Amount Per Serving
Proprietary Blend	950 mg
Dill ( <i>Anethum graveolens</i> ) (seed) *	
<i>Stemona</i> ( <i>Stemona sessilifolia</i> ) (root) (powder and extract) *	
Wormwood ( <i>Artemisia absinthium</i> ) (shoot & leaf) (extract) *	
Java Brucea ( <i>Brucea javanica</i> ) (fruit) (powder & extract) *	
Chinese Pulsatilla ( <i>Pulsatilla chinensis</i> ) (rhizome) (powder & extract) *	
Jamaica Quassia ( <i>Picrasma excelsa</i> ) (bark) (extract) *	
Cutch Tree ( <i>Acacia catechu</i> ) (heartwood & bark) (powder & extract) *	
Hedyotis ( <i>Hedyotis diffusa</i> ) (aerial part) (powder & extract) *	
Yarrow ( <i>Achillea millefolium</i> ) (leaf & flower) (extract) *	
* Daily Value not established	
<b>Other ingredients:</b> Capsule shell (gelatin and water) and magnesium stearate (vegetable source).	
This product is gluten and dairy free.	

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.

Research shows that gut health is critical to overall health and that an unhealthy gut contributes to a wide range of diseases, conditions, an impaired immune and nervous system, and even hormonal imbalance. Supporting gastrointestinal health and restoring the integrity of the gut barrier are essential to optimizing overall health.



## FC-Cidal™

**Product Number: 6310 (100C)**

**FC-Cidal** supplies a proprietary blend of herbs and herbal extracts, which function to support healthy GI function\*. Herbs, spices and botanical preparations often exhibit antimicrobial properties due to a wide array of terpenoid and polyphenolic compounds. Culinary herbs have long been used to control pests and food-borne yeasts and molds in the context of food safety.

\*Glob Adv Health Med. 2014 May

### Active Ingredients:

Proprietary Blend including French Tarragon (*Artemisia dracunculus*) (leaf), Indian Tinospora (*Tinospora cordifolia*) (stem & root), Horsetail (*Equisetum arvense*) (whole herb), Thyme (*Thymus vulgaris*) (leaf), Pau D' Arco (*Tabebuia impetiginosa*) (inner bark), Stinging Nettle Extract (*Urtica dioica*) (root), Olive (*Olea europaea*) (leaf).



### Supplement Facts

Serving Size: 1 Capsule

	Amount Per Serving
Proprietary Blend	500 mg
French Tarragon ( <i>Artemisia dracunculus</i> ) (leaf) *	
Indian Tinospora ( <i>Tinospora cordifolia</i> ) (stem & root) *	
Horsetail ( <i>Equisetum arvense</i> ) (whole herb) *	
Thyme ( <i>Thymus vulgaris</i> ) (leaf) *	
Pau D' Arco ( <i>Tabebuia impetiginosa</i> ) (inner bark) *	
Stinging Nettle Extract ( <i>Urtica dioica</i> ) (root) *	
Olive ( <i>Olea europaea</i> ) (leaf) *	

\* Daily Value not established

**Other ingredients:** Capsule shell (gelatin and water), cellulose and magnesium stearate (vegetable source).

**This product is gluten and dairy free.**

**Adjunct Products: Bio-HPF®, Berberine HCl, Caprin™, and Iodizyme-HP™**

## REPLACE

Bile salts, digestive enzymes, and hydrochloric acid levels are replaced using specific gluten free nutritional supplements in order to maintain and promote healthy digestion.



## Beta-TCP™

**Product Number: 1215 (90T) or 1216 (180T)**

**Beta-TCP™** supports both healthy bile flow, and the normal bile acid-to-cholesterol conversion. It contains both digestive and antioxidant enzymes, along with Taurine and organic beet concentrate.

### Active Ingredients:

Vitamin C (ascorbic acid), Taurine, Pancrelipase (porcine), Organic Beet Concentrate\*\* (*Beta vulgaris*) (whole), Superoxide Dismutase (raw organic vegetable culture†) and Catalase (raw organic vegetable culture†). †Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors. \*\* Whole beet concentrate from certified organically grown beets.



### Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
Vitamin C (ascorbic acid)	60 mg	100%
Taurine	100 mg	*
Pancrelipase (porcine)	50 mg	*
Organic Beet Concentrate** ( <i>Beta vulgaris</i> ) (whole)	100 mg	*
Superoxide Dismutase (from vegetable culture †)	20 mcg	*
Catalase (from vegetable culture †)	20 mcg	*

\* Daily Value not established

**Other ingredients:** Cellulose, stearic acid (vegetable source), magnesium stearate (vegetable source) and food glaze.

† Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

\*\* Whole beet concentrate from certified organically grown beets.

**This product is gluten and dairy free.**

# REPLACE (continued)



## Beta Plus™

**Product Number: 1210 (90T) or 1209 (180T)**

**Beta Plus™** is a source of bile salts, digestive enzymes and organic beet concentrate, along with SOD and catalase. Consider this product whenever the gallbladder has been removed, or the need for supplemental bile salts is indicated.

### Active Ingredients:

Ox Bile Extract, Pancrelipase (porcine), Organic beet concentrate\*\* (Beta vulgaris) (whole), Superoxide dismutase (raw organic vegetable culture†), Catalase (raw organic vegetable culture†). †Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors. \*\* Whole beet concentrate from certified organically grown beets.



### Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
Ox Bile Extract	100 mg	*
Pancrelipase (porcine)	50 mg	*
Organic Beet Concentrate** (Beta vulgaris) (whole)	100 mg	*
Superoxide Dismutase (from vegetable culture †)	20 mcg	*
Catalase (from vegetable culture †)	20 mcg	*

\* Daily Value not established

Other ingredients: Cellulose, stearic acid (vegetable source), magnesium stearate (vegetable source) and food glaze.

† Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

\*\* Whole beet concentrate from certified organically grown beets.

This product is gluten and dairy free.

**RECOMMENDATION:** One (1) tablet with each meal as a dietary supplement



## Hydro-Zyme™

**Product Number: 1262 (90T) or 1263 (250T)**

**Hydro-Zyme™** provides digestive support via supplemental Betaine hydrochloride, Pepsin, Pancreatin, along with other known synergists. It may be considered when the need for supplemental hydrochloric acid and/or Pancreatin are indicated.

### Active Ingredients:

Vitamin B6 (as pyridoxine hydrochloride), Betaine Hydrochloride, Glutamic acid (as L-Glutamic acid hydrochloride), Ammonium Chloride, Pancreatin 4X (porcine), Pepsin (1:10,000).



### Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
Vitamin B6 (as pyridoxine hydrochloride)	2 mg	100%
Betaine Hydrochloride	150 mg	*
Glutamic acid (as L-Glutamic acid hydrochloride)	50 mg	*
Ammonium Chloride	35 mg	*
Pancreatin 4X (porcine)	10 mg	*
Pepsin (1:10,000)	10 mg	*

\* Daily Value not established

Other ingredients: Vegetable culture †, cellulose, stearic acid (vegetable source), modified cellulose gum, silica and food glaze.

† Specially grown, biologically active vegetable culture (from organic Pisum sativum, Lens esculenta and/or Cicer arietinum) containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

This product is gluten and dairy free.



## Intenzyme Forte™

**Product Number: 1207 (50T), 1201 (100T) or 1202 (500T)**

**Intenzyme Forte™** is a broad spectrum proteolytic enzyme formulation, containing pancreatin, bromelain, papain, lipase, amylase, trypsin and alpha chymotrypsin. It may be utilized to support numerous protein metabolism pathways. Proteolytic enzymes are capable of exerting influence over a wide variety of physiological and biochemical processes. The benefits of Intenzyme Forte include its effect on muscle soreness and discomfort due to overexertion, the support of hormone processing, as well as providing support for healthy digestive, immune and circulatory functions.

### Active Ingredients:

Pancreatin 4X (porcine), Bromelain (from pineapple), Papain (from papaya), Lipase (porcine), Amylase (porcine), Trypsin & Alpha Chymotrypsin (porcine), Superoxide Dismutase (from vegetable culture†), Catalase (from vegetable culture†) †Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.



### Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
Pancreatin 4X (porcine)	100 mg	*
Bromelain (from pineapple)	50 mg	*
Papain (from papaya)	50 mg	*
Lipase (porcine)	10 mg	*
Amylase (porcine)	10 mg	*
Trypsin & Alpha Chymotrypsin (porcine)	100 mg	*
Superoxide Dismutase (from vegetable culture †)	10 mcg	*
Catalase (from vegetable culture †)	10 mcg	*

\* Daily Value not established

Other ingredients: Stearic acid (vegetable source), cellulose, magnesium stearate (vegetable source) and food glaze.

† Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

This product is gluten and dairy free.

**RECOMMENDATION:** One (1) tablet three (3) times each day as a dietary supplement or as otherwise directed by a healthcare professional.

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.

# REINOCULATE

The restoration of optimal gut flora is done using a specific gluten free probiotic



## BioDoph-7 Plus®

**Product Number: 1285 (60C)**

Probiotics are classically defined as “a preparation of, or a product containing viable, defined microorganisms in sufficient numbers, which alter the microbiota (typically by colonization) in a compartment of the host, and by that, exert beneficial health effects in this host”.

**BioDoph-7 Plus®** supplies a blend of pro- and prebiotics, including Bifidobacterium bifidum, Bifidobacterium lactis, Bifidobacterium breve, Lactobacillus paracasei, Lactobacillus plantarum, Lactobacillus salivarius, and Streptococcus thermophilus, along with the prebiotics Inulin (from chicory root), Arabinogalactans (from Larch), and Marshmallow root (extract).

### Active Ingredients:

Proprietary Blend including Inulin (from Chicory root), Arabinogalactans (from Larch), Marshmallow (Althea officinalis) (extract) (root), Bifidobacterium bifidum, Bifidobacterium lactis, Bifidobacterium breve, Lactobacillus paracasei, Lactobacillus plantarum, Lactobacillus salivarius, Streptococcus thermophilus. Each capsule of BioDoph-7 Plus® contains more than 20 billion organisms at time of manufacture.



### Supplement Facts

Serving Size: 1 Capsule

	Amount Per Serving
<b>Proprietary Blend</b>	400 mg
Inulin (from Chicory root)*, Arabinogalactans (from Larch)*, Marshmallow (Althea officinalis) (extract) (root)*, Bifidobacterium bifidum*, Bifidobacterium lactis*, Bifidobacterium breve*, Lactobacillus paracasei*, Lactobacillus plantarum*, Lactobacillus salivarius*, Streptococcus thermophilus*	

\* Daily Value not established

**Other ingredients:** Vegetarian capsule shell (modified cellulose) and magnesium stearate (vegetable source).

Each capsule of **BioDoph-7 Plus®** contains more than 20 billion organisms at time of manufacture.

Contains an ultra-trace amount (0.3 ppm) of milk constituents which are used in the fermentation of probiotic ingredients.

**This product is gluten free.**



## BioDophilus-FOS®

**Product Number: 1205 (4oz)**

**BioDophilus-FOS™** is a pleasant tasting powder that supplies the probiotics Lactobacillus acidophilus (DDS-1 strain), and Bifidobacterium bifidum in a prebiotic base of fructooligosaccharides. Each 1/2 teaspoon supplies 3 billion organisms, along with 1,200 mg of beet-sourced Fructooligosaccharides.

### Active Ingredients:

Lactobacillus acidophilus (DDS-1) and Bifidobacterium bifidum organisms, and Fructooligosaccharides (beet source).

Refrigeration is recommended to preserve the organisms.



### Supplement Facts

Serving Size: ½ Teaspoon (approx. 1.5 g)

Servings Per Container: 75

	Amount Per Serving	% Daily Value
Calories	5	
Total Carbohydrate	1 g	0% †
Sugars	0 g	*
Lactobacillus acidophilus (DDS-1) and Bifidobacterium bifidum organisms	3 billion	*
Fructooligosaccharides (beet source)	1,200 mg	*

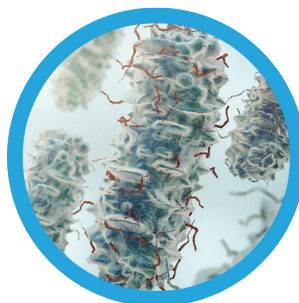
†Percent Daily Values based on a 2,000 calorie diet.

\* Daily Value not established

**Ingredients:** Fructooligosaccharides (beet source), Lactobacillus acidophilus (DDS-1) and Bifidobacterium bifidum.



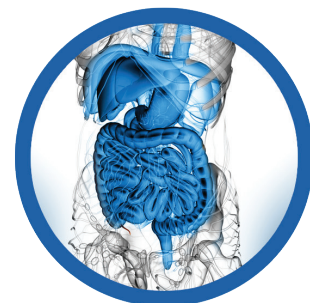
**REMOVE**



**REPLACE**



**REINOCULATE**



**REPAIR**

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.



# REPAIR

Specific gluten free nutritional supplements, including vitamins, minerals, amino acids, and EFAs, are essential to gut repair and healing the damaged intestinal lining.



## BioMega-1000

### Product Number: 1400 (100C)

BioMega-1000 supplies the highest quality, all-natural (not modified by distillation processes) fish oil, supplying EPA and DHA omega-3 fatty acids. BioMega-1000 fish oil surpasses all national and international standards for environmental pollutants, including dioxins, PCBs, pesticides and heavy metals. The most active and beneficial derivatives of marine derived  $\omega$ -3 fatty acids are eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA), natural precursors that allow the body to make Specialized Pro-Resolving Mediators (SPMs), supporting healthy inflammatory responses. Both the brain and nervous system are higher in DHA, as compared to the rest of the body. As an omega-3 fatty acid, it has the ability to impact most physiological functions.

**Active Ingredients:** Vitamin E (as d-alpha tocopherol), Omega-3 fatty acids. Each softgel capsule of BioMega-1000 contains 1,000 mg of natural marine lipid concentrate, providing a natural source of Omega-3 fatty acids; EPA (Eicosapentaenoic acid) 180 mg and DHA (Docosahexaenoic acid) 120 mg.



### Supplement Facts

Serving Size: 1 Softgel Capsule

	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	†

\* Percent Daily Values based on a 2,000 calorie diet  
† Daily Value not established

**Other Ingredients:** Capsule shell (gelatin, glycerin and water).  
Contains ingredients derived from Anchovy and Sardine.  
This product is gluten and dairy free.



## Gastrazyme™

### Product Number: 1140 (90T)

Gastrazyme™ supplies specific nutrients including vitamin U complex, chlorophyllins and vitamin A, ingredients all known to support the health of GI tract, which may become stressed due to normal, everyday factors. Early studies have recognized the effectiveness of raw cabbage juice in normalizing gastric and intestinal function. Glutamine and methionine derivatives present in this juice are believed to be the active principles. Specific attention has focused on methionine S-methylsulfonium (MMS) in the chlorinated form. MMS occurs in a variety of fruits and vegetables, such as cabbage. Studies have demonstrated that MMS supports the normal healing process of the stomach following exposure to nonsteroidal anti-inflammatory agents (NSAIDs). Traditionally, this compound has been designated "Vitamin U", although it does not meet the classic definition of a vitamin.

### Active Ingredients:

Vitamin A (as natural mixed carotenoids and palmitate), Gamma Oryzanol (from rice), Chlorophyllins (from Mulberry leaf), Vitamin U Complex (as DL-Methionine methylsulfonium chloride), Superoxide Dismutase (from vegetable culture†), Catalase (from vegetable culture†). †Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.



### Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
Vitamin A (as natural mixed carotenoids and palmitate) (IU ratio 2.5:1)	3,500 IU	70%
Gamma Oryzanol (from rice)	100 mg	*
Chlorophyllins (from Mulberry leaf)	20 mg	*
Vitamin U Complex (DL-methylmethionine sulfonium chloride)	10 mg	*
Superoxide Dismutase (from vegetable culture †)	15 mcg	*
Catalase (from vegetable culture †)	15 mcg	*

\* Daily Value not established

**Other ingredients:** Cellulose, modified cellulose gum, modified cellulose, silica and magnesium stearate (vegetable source).

† Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

This product is gluten and dairy free.

**RECOMMENDATION:** One (1) tablet three (3) times each day as a dietary supplement or as otherwise directed by a healthcare professional.



IPS®

Product Number: 6415 (90C)

IPS® is a comprehensive Intestinal Permeability Support supplement, consisting of a proprietary blend of botanical compounds and amino acids, along with other synergistic constituents. It provides support for healthy gut function, specifically as it relates to permeability and intestinal mucosa integrity. It includes L-Glutamine, which is the preferred fuel for intestinal tissues, promoting repair and intestinal healing. L-Glutamine has also been demonstrated to be a functional component in the repair of ulcers, as well as a contributor to the healing of leaky gut conditions. When the intestinal epithelium becomes injured or compromised, chronic health disturbances may result. IPS® is a unique formula designed to address the specific issue of altered intestinal permeability. It supplies a comprehensive array of nutritional factors to support healthy intestinal function.



Supplement Facts

Serving Size: 1 Capsule

Table with 2 columns: Ingredient, Amount Per Serving. Includes Proprietary Blend (600 mg), Jerusalem Artichoke, L-Glutamine, Spanish Moss, Lamb Intestine Concentrate, Glucosamine Sulfate, Gamma Oryzanol, L-Glutathione, and Cellulase.

\* Daily Value not established

Other ingredients: Capsule shell (gelatin and water) and magnesium stearate (vegetable source).

Substance with hair-like appearance is actually Spanish moss fibers.

This product is gluten and dairy free.

RECOMMENDATION: One (1) capsule three (3) times each day as a dietary supplement or as otherwise directed by a healthcare professional.

KEEP OUT OF REACH OF CHILDREN

Store in a cool, dry area. Sealed with an imprinted safety seal for your protection.

Product # 6415 Rev. 05/13

Active Ingredients:

Proprietary Blend including Jerusalem Artichoke (Helianthus tuberosus) (tuber), L-Glutamine, Spanish Moss (Tillandsia usneoides) (whole), Lamb Intestine Concentrate, Glucosamine Sulfate (from shrimp & crab shell), Gamma Oryzanol (from rice), L-Glutathione (reduced), and Cellulase. Note: Substance with hair-like appearance is actually Spanish moss fibers.



L-Glutamine Powder™

Product Number: 5209 (500 g)

L-Glutamine is the most abundant amino acid in the body. Although the body manufactures glutamine during times of extreme stress (such as after very heavy exercise or an injury), in certain circumstances the body may need more glutamine than it can make. Most glutamine is stored in the muscles, followed by the lungs, where much of the glutamine is made. According to the University of Maryland Medical Center (https://umm.edu.com), glutamine functions as an important compound in removing excess ammonia (a common waste product in the body). It also assists in immune system functions, and appears to be needed for normal brain function and digestion. Glutamine helps to protect the gastrointestinal mucosa, and is a major fuel for enterocytes. It also supports tissues in the body that rapidly turn over, such as intestinal cells (intestinal epithelium). High levels of cortisol during times of stress can lower the body's stores of glutamine.



Supplement Facts

Serving Size: 1 teaspoon (approx. 3 g)

Servings Per Container: 166

Table with 3 columns: Ingredient, Amount Per Serving, % Daily Value. Includes Glutamine (as L-Glutamine)† (3 g).

\* Daily Value not established

Ingredients: L-Glutamine.

† Non-hydrolyzed, naturally produced, free-form L-Amino Acid

CERTIFIED PURE

Contains no additives of any kind

This product is gluten and dairy free.

RECOMMENDATION: One (1) teaspoon (approx. 3 g) each day as a dietary supplement or as otherwise directed by a healthcare professional.

L-Glutamine Powder™ supplies 3g of L-Glutamine per teaspoon, as a nonhydrolyzed, free-form L-Amino Acid.

Active Ingredients:

Glutamine (as L-Glutamine). L-Glutamine is a non-hydrolyzed, naturally produced, free-form L-Amino Acid. CERTIFIED PURE. Contains no additives of any kind.

Adjunct Products: Aqueous Zinc™, Bio-Ae-Mulsion®, Bio-D-Mulsion®, Immuno-gG®, NAC, and Whey Protein Isolate



BIOTICS RESEARCH CANADA

"The Best of Science and Nature"

Box 283
Keswick ON L4P 3E2 (800) 840-1676
orders@bioticscan.com
www.bioticscanada.com

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.