



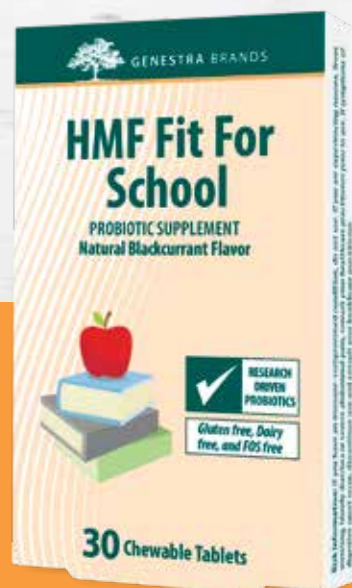
GENESTRA
BRANDS®

Immune Support

PROFESSIONAL PRODUCT GUIDE



- Quality dietary supplements
- Research-driven probiotics



Visit [Seroyal.com/GenestraBrands](https://www.Seroyal.com/GenestraBrands) to view the entire Genestra Brands line



Specific Support for Immune Health^{*}

To support immune health, we all must take particular care to sustain our optimal nutritional status. Maintaining vitamin D levels may help to support proper immune function, while supplementing with vitamin C and zinc helps to promote immune response. In addition, probiotic supplementation has been associated with healthy respiratory function.*

Genestra Brands provides vitamins, minerals, probiotics and herbal formulations in a variety of formats.

Cor Defense

DIETARY SUPPLEMENT

Immune support formula*

- Helps to maintain immune function*
- Promotes normal nasal function and immune cell activity*
- Provides 500 mg of bakers yeast (EpiCor®) per dose
- Also includes zinc, the antioxidant vitamin C, and European elderberry flower extract

Cor Defense contains EpiCor®, a proprietary and research-driven extract from *Saccharomyces cerevisiae* yeast designed to maintain immune function. Research demonstrates that daily supplementation with 500 mg of EpiCor® promotes mucosal immunity and regulates the infiltration of immune cells into the respiratory tract, which supports normal nasal function. Zinc further helps to maintain immune function by stimulating the production of lymphocytes and by increasing their phagocytic activity. Cor Defense also includes the antioxidant vitamin C and European elderberry flower extract for additional immune health support.*

SUPPLEMENT FACTS

Serving Size 1 Capsule
Servings per Container 30

Each Capsule Contains		%DV
Vitamin C (ascorbic acid)	25 mg	42%
Vitamin D (cholecalciferol)	50 IU	13%
Zinc (zinc monomethionine)	1 mg	7%
Brewers Yeast (<i>Saccharomyces cerevisiae</i>) (EpiCor®)	500 mg	†
European Elderberry (<i>Sambucus nigra</i>) Flower Extract (4:1) 300 mg Dried Equivalent	75 mg	†

† Daily Value (DV) not established

Other Ingredients: Hypromellose, cellulose, magnesium stearate, silica

• EpiCor® is a registered trademark of Embria Health Sciences, L.L.C.

Recommended Dose

Adults: Take one capsule daily with food, a few hours before or after taking other medications, or as recommended by your healthcare practitioner.

Size

30 Capsules

Product Code

04275



C1000

VITAMIN SUPPLEMENT

High-dose vitamin C and flavonoid combination

- Supports immune function*
- Promotes antioxidant support*
- Promotes vitamin C intake*
- Provides 1000 mg of vitamin C per tablet, plus rose hips, hesperidin, quercetin and rutin

C1000 is a combination of vitamin C and a wide range of bioflavonoids that promotes immune health and antioxidant support. Vitamin C stimulates the immune system, resulting in increased T cell proliferation and neutrophil movement. Research demonstrates that intracellular vitamin C levels in leukocytes decrease naturally with age, which is associated with impaired neutrophil activity. However, supplementation with vitamin C in elderly adults may promote phagocytosis in neutrophils and support antibody-mediated immune responses. Recent research suggests that smokers and elite athletes may experience the greatest benefit of vitamin C supplementation due to its potent antioxidant effects. As the body does not store vitamin C, continuous intake is required.*

SUPPLEMENT FACTS

Serving Size 1 Tablet
Servings per Container 60 or 120

Each Tablet Contains		%DV
Vitamin C (as ascorbic acid)	1000 mg	1667%
Rose (<i>Rosa canina</i>) Hips	50 mg	†
Hesperidin (from <i>Citrus aurantium</i> pith/peel)	25 mg	†
Quercetin	25 mg	†
Rutin	25 mg	†

† Daily Value (DV) not established

Other Ingredients: Cellulose, silica, croscarmellose sodium, magnesium stearate, hypromellose, glycerin

Recommended Dose

Adults (19 years and older): Take one tablet two times daily with meals or as recommended by your healthcare practitioner.

Size

60 Tablets
120 Tablets

Product Code

01110
01110120



* 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.

D-Mulsion 400 and 1000

VITAMIN SUPPLEMENT

Emulsified vitamin D supplement

- Supports immune health*
- Promotes vitamin D intake
- Provides 400 or 1000 IU of vitamin D per drop
- Great-tasting citrus and spearmint flavors (D-Mulsion 1000 only)

D-Mulsion 400 and 1000 provide vitamin D using an emulsification process for enhanced bioavailability and improved palatability. The vitamin D receptor is found on most immune cells, including T cells, B cells, and macrophages, demonstrating an important interaction between vitamin D and the immune system. Low vitamin D status has been associated with decreased upper respiratory immune function, while vitamin D supplementation has been shown to have beneficial effects on the function of a variety of immune cells. Research demonstrates that vitamin D mediates the proliferation of T and B cells, increases the phagocytic activity of macrophages, and promotes a healthy cytokine balance. D-Mulsion 400 and 1000 are good alternatives for individuals who have difficulty swallowing capsules.*

D-Mulsion 400

SUPPLEMENT FACTS

Serving Size 2 Drops (0.054 ml)
Servings per Container about 555

Each Serving Contains		%DV†
Vitamin D (cholecalciferol)	800 IU	200%
Stevia (<i>Stevia rebaudiana</i>) Leaf Std. Extract (95% glucosylsteviosides)	0.02 mg	†
† Daily Value (DV) not established		

Other Ingredients: Purified water, maltodextrin, modified tapioca starch, extra virgin olive oil, lemon oil, citric acid, potassium sorbate, natural mixed tocopherols

Recommended Dose

All Ages: Take two drops once daily or as recommended by your healthcare practitioner.

Size

1 fl oz (30 ml)

Product Code

01153



D-Mulsion 1000 – Citrus or Natural Spearmint Flavor

SUPPLEMENT FACTS

Citrus Serving Size 1 Drop (0.027 ml)/ Natural Spearmint Serving Size 1 Drop (0.0225 ml)
Citrus Servings per Container about 1111/ Natural Spearmint Servings per Container about 1333

Each Drop Contains		%DV†
Vitamin D (as cholecalciferol)	1000 IU	250%
† Daily Value (DV)		

Citrus – Other Ingredients: Purified water, potato maltodextrin, modified tapioca starch, extra virgin olive oil, lemon oil, citric acid, potassium sorbate, stevia leaf extract (glucosylsteviosides), natural mixed tocopherols

Natural Spearmint – Other Ingredients: Purified water, cellulose, natural spearmint flavor, xanthan gum, extra virgin olive oil, organic stevia leaf extract (glucosylsteviosides), potassium sorbate, citric acid

Recommended Dose

Take one drop daily or as recommended by your healthcare practitioner. THIS PRODUCT IS NOT INTENDED FOR INFANTS.

Size

Citrus: 1 fl oz (30 ml)
Spearmint: 1 fl oz (30 ml)

Product Code

01154
01159



D₃ 1000 Drops

VITAMIN SUPPLEMENT

Vitamin D in a convenient liquid drop format

- Supports immune health*
- Promotes vitamin D intake
- Provides 1000 IU of vitamin D per drop

D₃ 1000 Drops come in a convenient, easy-to-use liquid drop format – just one drop contains 1000 IU of vitamin D. D₃ 1000 Drops can be dropped directly into the mouth or mixed into drinks, and are good alternatives for individuals who have difficulty swallowing capsules. Recent research demonstrates that low vitamin D status is associated with decreased upper respiratory immune function, while vitamin D supplementation has been shown to have beneficial effects on the function of a variety of immune cells, including dendritic cells, macrophages, and T cells. Research demonstrates that vitamin D mediates the proliferation of T and B cells, increases the phagocytic activity of macrophages, and promotes a healthy cytokine balance to support normal immune function.*

SUPPLEMENT FACTS

Serving Size 1 Drop (0.028 ml)
Servings per Container about 1071

Each Drop Contains		%DV†
Vitamin D (as cholecalciferol)	1000 IU	250%
† Daily Value (DV)		

Other Ingredients: Medium chain triglycerides

Recommended Dose

Take one drop daily or as recommended by your healthcare practitioner. THIS PRODUCT IS NOT INTENDED FOR INFANTS.

Size

1 fl oz (30 ml)

Product Code

01152



D₃ 1000

VITAMIN SUPPLEMENT

Vitamin D in capsule format

- Supports immune health*
- Promotes vitamin D intake
- Provides 1000 IU of vitamin D per capsule

D₃ 1000 provides 1000 IU of vitamin D in a vegetable capsule format. Vitamin D synthesis in the skin can be altered by skin pigmentation, clothing, latitude, and sunscreen use. Vitamin D levels also vary depending on the season, with highest levels present during summer and lowest levels present during winter; this pattern also resembles the seasonal variation in immune system health. Low vitamin D status has been associated with decreased upper respiratory immune function, although vitamin D supplementation has been shown to have beneficial effects on the function of a variety of immune cells. In a recent controlled clinical trial involving children, daily supplementation with 1000 IU of vitamin D for 3 months was shown to significantly increase plasma vitamin D levels and promote a healthy cytokine balance. Following supplementation, levels of the cytokines IL-2, IL-4, IL-6, and IFN- γ were all significantly modified.*

SUPPLEMENT FACTS

Serving Size 1 Capsule
Servings per Container 90

Each Capsule Contains		%DV†
Vitamin D (cholecalciferol)	1000 IU	250%
† Daily Value (DV)		

Other ingredients: Hypromellose, cellulose, magnesium stearate

Recommended Dose

Adults and Children (6 years and older): Take one capsule daily with a meal or as recommended by your healthcare practitioner.

Size

90 Vegetable Capsules

Product Code

01119



D₃ 1000 Chewable

VITAMIN SUPPLEMENT

Chewable vitamin D supplement

- Supports immune health*
- Promotes vitamin D intake
- Provides 1000 IU of vitamin D per chewable tablet
- Great-tasting natural blackcurrant flavor

D₃ 1000 Chewable provides 1000 IU of vitamin D in a delicious natural blackcurrant-flavored chewable tablet. Recent research has demonstrated an important interaction between vitamin D and the immune system. Vitamin D levels vary depending on the season, with highest levels present during summer and lowest levels present during winter; this pattern also resembles the seasonal variation in immune system health. Low vitamin D status has also been associated with decreased upper respiratory immune function, while vitamin D supplementation has been shown to have beneficial effects on the function of a variety of immune cells – including dendritic cells, macrophages, and T cells. In a recent controlled clinical trial involving children, daily supplementation with 1000 IU of vitamin D for 3 months was shown to significantly increase plasma vitamin D levels and promote a healthy cytokine balance. Following supplementation, levels of the cytokines IL-2, IL-4, IL-6, and IFN- γ were all significantly modified.*

SUPPLEMENT FACTS

Serving Size 1 Tablet
Servings per Container 120

Each Tablet Contains		%DV
Total Carbohydrate	<1 g	<1%♦
Vitamin D (cholecalciferol)	1000 IU	250%

♦ Percent Daily Values (DV) are based on a 2000 calorie diet

Other Ingredients: Sorbitol, xylitol, natural blackcurrant flavor, silica, magnesium stearate

Recommended Dose

Adults and Children (4 years and older): Chew one tablet once daily or as recommended by your healthcare practitioner.

Size

120 Chewable Tablets

Product Code

01155



Scorbatate

VITAMIN-MINERAL SUPPLEMENT

Multi-mineral formula with vitamin C

- Supports immune health*
- Promotes zinc and vitamin C intake
- Provides antioxidant support*

Scorbatate is a multi-mineral formula that supports immune health with a unique combination of zinc and vitamin C. Zinc is essential to maintaining immune health as it stimulates cell division in lymphocytes and increases their phagocytic activity. As a cofactor for thymulin, a hormone involved in T cell differentiation and function, zinc is especially necessary for T cell proliferation in the thymus. Recent research has shown that low levels of zinc lead to decreased immune cell number and function, including a reduced synthesis of cytokines. Low levels of zinc are commonly found in vegetarians, the elderly, and pregnant or nursing women due to reduced absorption, insufficient intake in the diet, and increased zinc requirement, respectively. Similarly, the elderly tend to have low levels of vitamin C. The antioxidant vitamin C also stimulates the immune system, resulting in increased T cell proliferation and neutrophil movement. As the body does not store zinc or vitamin C, continuous intake is required.*

SUPPLEMENT FACTS

Serving Size ¼ Teaspoon (1.35 g)
Servings per Container 125

Each Serving Contains		%DV
Vitamin C (ascorbic acid/ calcium ascorbate)	1000 mg	1667%
Calcium (calcium carbonate/ ascorbate)	45 mg	5%
Magnesium (magnesium carbonate)	37.5 mg	9%
Zinc (zinc citrate)	1.75 mg	12%
Selenium (selenium HVP♦ chelate/ sodium selenite)	12.5 mcg	18%
Manganese (manganese sulfate monohydrate)	1.25 mg	63%
Chromium (chromium nicotinate glycinate chelate)	12.5 mcg	10%
Molybdenum (molybdenum HVP♦ chelate)	25 mcg	33%
Potassium (potassium carbonate)	25 mg	1%
L-Aspartic Acid	6 mg	†
Vanadium (vanadium HVP♦ chelate)	25 mcg	†
† Daily Value (DV) not established		
♦ Hydrolyzed vegetable (rice/soy) protein		

Other Ingredients: Silica, citric acid
Contains: Soy

Recommended Dose

Adults (19 years and older): Add water or juice to ¼ teaspoon of Scorbatate and mix. Take once daily with a meal, a few hours before or after taking other medications, or as recommended by your healthcare practitioner.

Size

Net Weight 6 oz (170 g)

Product Code

01117



TIM

VITAMIN-MINERAL SUPPLEMENT

Multi-vitamin and glandular formula

- Supports immune health*
- Promotes vitamin A, vitamin C and vitamin E intake
- Provides 7500 IU of vitamin A and 50 IU of vitamin E per dose
- Includes 100 mg of vitamin C and 10 mg of zinc per dose

TIM is a multi-vitamin supplement that also contains glandular extracts, including spleen, thymus, and bone marrow. Vitamin A helps maintain immune function by stimulating the development of lymphocytes, including natural killer and T and B cells. Zinc further contributes to maintaining immune health by stimulating cell division in lymphocytes and by increasing their phagocytic activity.* Recent research has shown that low levels of zinc are associated with decreased immune cell number and function, including a reduced synthesis of cytokines. TIM also provides vitamins C and E, the most important antioxidants in aqueous and lipid compartments of the body, respectively. In addition to recycling the stable vitamin E radical, vitamin C also stimulates the immune system, resulting in increased T cell proliferation and neutrophil movement.*

SUPPLEMENT FACTS

Serving Size 1 Tablet
Servings per Container 60 or 120

Each Tablet Contains		%DV
Vitamin A (as vitamin A palmitate)	7500 IU	150%
Vitamin C (as ascorbic acid)	100 mg	167%
Vitamin E (as d-alpha tocopheryl succinate)	50 IU	167%
Calcium (as dibasic calcium phosphate dihydrate)	98 mg	10%
Zinc (as zinc aspartate)	10 mg	67%
Bovine (<i>Bos taurus</i>) Spleen	40 mg	†
Ovine (<i>Ovis aries</i>) Thymus	40 mg	†
Bovine (<i>Bos taurus</i>) Adrenal	40 mg	†
Bovine (<i>Bos taurus</i>) Lymph	40 mg	†
Bovine (<i>Bos taurus</i>) Placenta	25 mg	†
Porcine (<i>Sus scrofa</i>) Bone Marrow	20 mg	†
Bee Pollen (from <i>Apis mellifera</i>)	25 mg	†
† Daily Value (DV) not established		

Other Ingredients: Cellulose, silica, croscarmellose sodium, magnesium stearate, hypromellose, glycerin

Recommended Dose

Adults: Take one tablet daily with a meal or as recommended by your healthcare practitioner.

Size

60 Tablets
120 Tablets

Product Code

08305
08305120



Zinc Glycinate Liquid

New

MINERAL SUPPLEMENT

Great-tasting, bioavailable liquid zinc formula

- Provides 30 mg of zinc bisglycinate per teaspoon to contribute to daily zinc requirements
- Helps to maintain immune function and skin health*
- Delicious natural peach-tangerine flavor

Zinc Glycinate Liquid is a great-tasting mineral formula that provides zinc in the bioavailable form of zinc bisglycinate. Zinc is an important trace element in the body. It plays a key role in maintaining immune health by stimulating the production of immune cells, regulating natural killer cell activity and mediating cytokine production. Clinical research has demonstrated that daily supplementation with 30 mg of zinc bisglycinate for up to four days helped to maintain immune function in the airways of children. Zinc also has a long history of use in dermatological health. It helps to maintain immune function in the skin, while promoting collagen synthesis to help maintain skin structure. Zinc Glycinate Liquid provides a bioavailable source of zinc to help meet daily zinc requirements. In one randomized crossover trial, zinc bisglycinate was demonstrated to have 43% higher bioavailability than zinc gluconate.*

SUPPLEMENT FACTS

Serving Size 1 Teaspoon (5 ml)
Servings per Container 90

Each Teaspoon Contains		%DV
Calories	5	
Total Carbohydrate	2 g	1% †
Zinc (as zinc bisglycinate)	30 mg	273%

† Percent Daily Values (DV) are based on a 2,000 calorie diet

Other Ingredients: Purified water, glycerin, concentrated apple juice, xylitol, citric acid, natural peach and tangerine flavors, potassium sorbate

Recommended Dose

Take one teaspoon daily with a meal, a few hours before or after taking medications or other supplements, or as recommended by your healthcare practitioner. If preferred, Zinc Glycinate Liquid can be mixed with juice or water.

Size

15.2 fl oz (450 ml)

Product Code

04226



* 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.

HMF Baby B

PROBIOTIC SUPPLEMENT FOR BREAST-FED BABIES

Support for breast-fed babies*

- Promotes immune and skin health*
- Helps to reduce incidence of skin sensitivity*
- Provides 10 billion CFU per day
- Safe for use during infancy*

HMF Baby B probiotic formula for infants provides a combination of four proprietary, human-sourced probiotic strains, which help to promote normal immune function and skin health in infants. Human Microflora (HMF) probiotics exhibit strong epithelial adherence and a naturally high tolerance to stomach acid. HMF Baby B powder dissolves easily into milk or water, is free of gluten and soy, and is ideal for vegetarian infants. HMF Baby B's probiotics have been clinically tested to ensure both safety and efficacy.*

SUPPLEMENT FACTS

Serving Size 1 Scoop (200 mg)
Servings per Container 30

Each Serving Contains

Probiotic Consortium	10 billion CFU †
<i>Bifidobacterium bifidum</i> (CUL-20)	
<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> (CUL-34)	
<i>Lactobacillus salivarius</i> (CUL-61)	
<i>Lactobacillus paracasei</i> (CUL-08)	
† Daily Value not established	

Other Ingredients: Transgalactooligosaccharides (GOS) (from milk)
Contains: Milk

Recommended Dose

In a glass, add water or milk to one scoop of HMF Baby B and mix. Take once daily with a meal, at least two to three hours before or after taking antibiotics, or as recommended by your healthcare practitioner.

Size

Net Weight 0.2 oz (6 g) Powder

Product Code

10491



HMF Baby F

PROBIOTIC SUPPLEMENT FOR FORMULA-FED BABIES

Support for formula-fed babies

- Promotes immune and skin health*
- Helps to reduce incidence of skin sensitivity*
- Provides 10 billion CFU per day
- Safe for use during infancy*

HMF Baby F is a probiotic supplement for formula-fed babies that provides a combination of four proprietary, human-sourced probiotic strains, which help to promote normal immune function and skin health. HMF Baby F also contains galactooligosaccharides (GOS), a type of prebiotic fiber found naturally within breast milk that may help to support a healthy gastrointestinal microflora. Fructooligosaccharides (FOS) are included for additional prebiotic fiber content. Human Microflora (HMF) probiotics exhibit strong epithelial adherence and a naturally high tolerance to stomach acid. HMF Baby F powder dissolves easily into milk or water, is free of gluten and soy, and is ideal for vegetarians. HMF Baby F's probiotics have been clinically tested to ensure both safety and efficacy.*

SUPPLEMENT FACTS

Serving Size 1 Scoop (1.1 g)
Servings per Container 60

Each Serving Contains

Total Carbohydrate	1 g †
Probiotic Consortium	10 billion CFU †
<i>Bifidobacterium bifidum</i> (CUL-20)	
<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> (CUL-34)	
<i>Lactobacillus salivarius</i> (CUL-61)	
<i>Lactobacillus paracasei</i> (CUL-08)	
† Daily Value not established	

Other Ingredients: Transgalactooligosaccharides (GOS) (from milk), fructooligosaccharides (FOS)
Contains: Milk

Recommended Dose

In a glass, add water or milk to one scoop of HMF Baby F and mix. Take once daily with a meal, at least two to three hours before or after taking antibiotics, or as recommended by your healthcare practitioner.

Size

Net Weight 2.3 oz (66 g) Powder

Product Code

10493



HMF Fit for School

PROBIOTIC SUPPLEMENT

Children’s immune support formula*

- Supports upper respiratory tract health^{1*}
- May help promote immune function in children^{1*}
- Includes 12.5 billion CFU of proprietary probiotic strains per day
- Provides 50 mg of the antioxidant nutrient vitamin C and 1000 IU of vitamin D per serving per day
- Chewable tablets with a delicious natural blackcurrant flavor

HMF Fit for School includes a combination of research-driven probiotic strains and vitamin C that helps to support upper respiratory tract health and immune function in children. In a recent clinical trial, 57 schoolchildren were randomized to receive either a placebo tablet or HMF Fit for School’s probiotic formula plus 50 mg of vitamin C daily for six months. Children in the probiotic plus vitamin C group had a significant improvement in upper respiratory immune health: supplementation helped moderate cytokine levels, including interferon gamma (IFN-γ). These results are consistent with other studies that have found that *Lactobacillus acidophilus* and *Bifidobacterium animalis* subsp. *lactis* help maintain upper respiratory tract health. HMF Fit for School also includes additional support for cellular immunity with 1000 IU of vitamin D per serving.*

SUPPLEMENT FACTS		
Serving Size 1 Tablet		
Servings per Container 30		
Each Tablet Contains		%DV
Vitamin C (ascorbic acid)	50 mg	83%
Vitamin D ₃ (cholecalciferol)	1000 IU	250%
Probiotic Consortium	12.5 billion CFU	†
<i>Lactobacillus acidophilus</i> (CUL-21)		
<i>Lactobacillus acidophilus</i> (CUL-60)		
<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> (CUL-34)		
<i>Bifidobacterium bifidum</i> (CUL-20)		
† Daily Value (DV) not established		

Other Ingredients: Xylitol, blackcurrant fruit extract, sorbitol, natural blackcurrant flavor, silica, magnesium stearate

Recommended Dose

Adolescents and Children (4 years and older): Chew one tablet daily or as recommended by your healthcare practitioner.

Size
30 Chewable Tablets

Product Code
10497



HMF Immune



PROBIOTIC SUPPLEMENT

Great-tasting upper respiratory support formula*

- Supports upper respiratory tract health in children and physically active adults*
- Offers 30 billion CFU per dose from a combination of five proprietary strains, plus vitamins C and D
- Once-daily chewable tablet available in a delicious natural blackcurrant flavor

HMF Immune combines proprietary probiotics with vitamins C and D to provide targeted support for the immune system. Each convenient, once-daily chewable tablet provides a blend of five research-driven probiotic strains from both the *Lactobacillus* and *Bifidobacterium* genera. As nearly 80% of the body’s immunologically active cells are located in gut-associated lymphoid tissue, an important connection has been demonstrated between the intestines and the immune system. In addition to supporting gastrointestinal health, HMF Immune provides BI-04, a strain that has been shown in a clinical trial to support upper respiratory tract health in physically active adults. Similarly, it offers CUL-60, CUL-21, CUL-34 and CUL-20, which were demonstrated in a clinical trial to support upper respiratory tract health in children when combined with vitamin C. To further help maintain immune function, HMF Immune contains vitamins C and D. Vitamin C supports the immune system by regulating lymphocyte proliferation, natural killer cell activity and immunoglobulin production, while vitamin D helps control T cell activation, cytokine release and phagocytosis in macrophages. Research demonstrates that vitamins C and D may be especially effective in maintaining immune function in the respiratory tract.*

SUPPLEMENT FACTS		
Serving Size 1 Tablet		
Servings per Container 30		
Each Tablet Contains		%DV
Vitamin C (as ascorbic acid)	100 mg	111%
Vitamin D ₃ (as cholecalciferol)	25 mcg (1000 IU)	125%
Probiotic Consortium	30 billion CFU	†
<i>Lactobacillus acidophilus</i> (CUL-60 & CUL-21)		
<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> (CUL-34)		
& <i>Bifidobacterium bifidum</i> (CUL-20)		
<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> (BI-04)		
† Daily Value (DV) not established		

Other Ingredients: Xylitol, blackcurrant fruit extract, sorbitol, natural blackcurrant flavor, silica, magnesium stearate

Recommended Dose

Chew one tablet daily with a meal or as recommended by your healthcare practitioner.

Size
30 Chewable Tablets

Product Code
10365



* 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.

HMF Intensive

PROBIOTIC SUPPLEMENT

Probiotic formula for intensive use*

- Promotes immune health*
- Supports a healthy intestinal microbiota*
- Maintains gastrointestinal comfort*
- Provides 25 billion CFU per capsule from a combination of four proprietary, human-sourced probiotics

HMF Intensive contributes to a natural healthy gut flora with a concentrated formula that includes 25 billion CFU per capsule. Approximately 80% of the body's immunologically active cells are located in gut-associated lymphoid tissue, demonstrating an important interaction between the intestines and the immune system. The intestinal microflora composition is relatively steady, although it can be altered by diet, stress, age and medication use. Bacterial balance needs to be maintained for healthy intestines, which selectively allow absorbance and promote the excretion of various compounds. Probiotics reinforce the intestinal epithelial barrier and mediate epithelial permeability by strengthening the integrity of tight junctions. Probiotics may also improve T and natural killer cell function, phagocytic activity, antibody production, and healthy cytokine production to support optimal immune health. In a randomized, placebo-controlled trial involving 22 adults, daily supplementation with a probiotic containing 25 billion CFU from *Lactobacillus acidophilus* and *Bifidobacterium bifidum* significantly promoted a healthy intestinal microflora.*

SUPPLEMENT FACTS

Serving Size 1 Capsule
Servings per Container 30

Each Capsule Contains	%DV
Probiotic Consortium	25 billion CFU †
<i>Lactobacillus acidophilus</i> (CUL-60)	
<i>Lactobacillus acidophilus</i> (CUL-21)	
<i>Bifidobacterium bifidum</i> (CUL-20)	
<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> (CUL-34)	

† Daily Value (DV) not established

Other Ingredients: Cellulose, hypromellose

Recommended Dose

Adults and Children (6 years and older): Take one capsule daily with a meal, or as recommended by your healthcare practitioner.

Size

30 Vegetable Capsules

Product Code

10431



HMF Travel

PROBIOTIC SUPPLEMENT

Probiotics to support gastrointestinal health when travelling*

- Shelf-stable formula
- 35 billion CFU per day
- Helps balance microflora composition*
- Supports gastrointestinal health*
- Includes *Saccharomyces boulardii* plus four proprietary probiotic strains

HMF Travel combines five probiotic strains from *Lactobacillus*, *Bifidobacterium* and *Saccharomyces* genera to promote a healthy gut flora and support gastrointestinal health. A number of travel-related factors, including unfamiliar food or water, stress and jet-lag, can all affect the normal composition of gut bacteria. Clinical trials have found that the probiotic yeast *Saccharomyces boulardii* helps balance microflora composition and support gastrointestinal health in tourists when taken prior to and during the trip. HMF Travel also contains proprietary, human-sourced, research-driven strains demonstrated to promote gastrointestinal comfort, maintain immune health (when combined with vitamin C), adhere better to the gut lining, more efficiently colonize the intestinal environment, and naturally resist pH and bile acid without the need for enteric coating. As some probiotic supplements require constant refrigeration to ensure the stability of the microorganisms, they may be unsuitable for travelers that do not have easy access to refrigeration. HMF Travel is a shelf-stable probiotic supplement offered in a convenient capsule format that can easily be taken anywhere to support gastrointestinal health.*

SUPPLEMENT FACTS

Serving Size 2 Capsules
Servings per Container 15

Each Serving Contains

Probiotic Consortium	35 billion CFU	†
<i>Saccharomyces boulardii</i> (CNCM-I-1079)		
<i>Lactobacillus acidophilus</i> (CUL-60 & CUL-21)		
<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> (CUL-34) & <i>Bifidobacterium bifidum</i> (CUL-20)		

† Daily Value not established

Other Ingredients: Hypromellose, cellulose, silica, magnesium stearate

Recommended Dose

Take two capsules daily or as recommended by your healthcare practitioner.

Size

30 Vegetable Capsules

Product Code

10198



Astragalus Combination #1

HERBAL SUPPLEMENT

Vegan-friendly multi-herbal combination

- Provides herbs that may support immune health*
- Contains astragalus, eleuthero, burdock, red clover and schisandra extracts
- Convenient liquid format increases patient compliance

Astragalus Combination #1 is a unique liquid formula that contains synergistic herbal extracts from astragalus, eleuthero, burdock, red clover and schisandra. These herbs have been traditionally used in herbal medicine to promote immune health. Astragalus Combination #1 is ideal for vegans and individuals with sensitivities to dairy.*

SUPPLEMENT FACTS

Serving Size 25 Drops (1.25 ml)
Servings per Container 48

Each Serving Contains

Astragalus (<i>Astragalus membranaceus</i>) Root Extract (1:5) 105 mg Dried Equivalent	0.53 ml †
Eleuthero (<i>Eleutherococcus senticosus</i>) Root Extract (1:5) 52.5 mg Dried Equivalent	0.26 ml †
Burdock (<i>Arctium lappa</i>) Root Extract (1:5) 40 mg Dried Equivalent	0.20 ml †
Red Clover (<i>Trifolium pratense</i>) Flower Extract (1:5) 40 mg Dried Equivalent	0.20 ml †
Schisandra (<i>Schisandra chinensis</i>) Berry Extract (1:5) 26.3 mg Dried Equivalent	0.13 ml †

† Daily Value not established

Other Ingredients: Purified water, ethanol (grain), glycerin

Recommended Dose

Adults: Take 25 drops three times daily, thirty minutes before meals, or as recommended by your healthcare practitioner.

Size

2 fl oz (60 ml)

Product Code

11737



Astragalus Tincture

HERBAL SUPPLEMENT

Astragalus formula for immune support*

- May support immune health*
- Provides 1.5 ml of astragalus root extract per serving (1:4; 375 mg dried equivalent)

Astragalus Tincture provides an extract of astragalus root, an herb used in Traditional Chinese Medicine. Astragalus root has been used for more than 2,000 years in China and was included in Shen Nong's Materia Medica, written during the Han dynasty (206 BC–220 AD). Astragalus Tincture is ideal for vegans and individuals with sensitivities to dairy.

SUPPLEMENT FACTS

Serving Size 30 Drops (1.5 ml)
Servings per Container 40

Each Serving Contains

Astragalus (<i>Astragalus membranaceus</i>) Root Extract (1:4) 375 mg Dried Equivalent	1.5 ml †
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† Daily Value not established

Other Ingredients: Purified water, ethanol (grain)

Recommended Dose

Adults: Take 30 drops three times daily or as recommended by your healthcare practitioner.

Size

2 fl oz (60 ml)

Product Code

11686



Berberis Formula

DIETARY SUPPLEMENT

Combination of berberine- and hydrastine-containing herbal extracts

- Contains Goldenseal root, which is traditionally used to support gastrointestinal health*
- Provides herbs traditionally used to support digestive health and promote healthy bowel regularity*
- Includes goldenseal root extract, barberry root extract, barberry root bark, Oregon grape root extract, and Oregon grape root

Berberis Formula is a blend of barberry, goldenseal, and Oregon grape extracts. The main bioactive ingredient in these extracts is berberine, which has been used for hundreds of years in Ayurvedic and Traditional Chinese Medicine. Research suggests that berberine may support immune health by stimulating the immune system, increasing the flow of blood to the spleen, activating macrophages, and increasing platelet production. Berberine may be especially effective in maintaining microbial balance in the digestive system. In addition, this extract is used to support digestive health, as it can mediate the transport of ions and water across intestinal epithelial cells, while helping to promote healthy intestinal motility and normal bowel regularity.*

SUPPLEMENT FACTS

Serving Size 1 Capsule
Servings per Container 90 or 180

Each Capsule Contains

Barberry (<i>Berberis vulgaris</i>) Root Bark Extract (4:1) 800 mg Dried Equivalent	200 mg †
Oregon Grape (<i>Mahonia aquifolium</i>) Root Extract (4:1) 800 mg Dried Equivalent	200 mg †
Goldenseal (<i>Hydrastis canadensis</i>) Root Std. Extract (6:1) (5% Alkaloids) 300 mg Dried Equivalent	50 mg †
Barberry (<i>Berberis vulgaris</i>) Root	25 mg †
Oregon Grape (<i>Mahonia aquifolium</i>) Root	25 mg †

† Daily Value not established

Other Ingredients: Cellulose, hypromellose, silica

Recommended Dose

Adults (19 years and older): Take one capsule daily with a meal or as recommended by your healthcare practitioner.

Size

90 Vegetable Capsules
180 Vegetable Capsules

Product Code

07519
07519180



Oregano Oil

DIETARY SUPPLEMENT

Carvacrol formula for antioxidant support*

- Promotes healthy microbial balance*
- Provides 25 mg of oregano oil per day
- Includes 20 mg of carvacrol per day

Oregano Oil provides carvacrol, one of the primary bioactive compounds in oregano. In addition to its strong free radical scavenging ability, carvacrol promotes healthy microbial balance. *In vitro* research demonstrates that carvacrol can diffuse through bacterial lipid membranes, disrupting membrane composition and increasing membrane permeability. In a clinical trial involving 13 adults, daily supplementation with oregano oil for six weeks significantly supported healthy microbial balance.*

SUPPLEMENT FACTS

Serving Size 3 Drops (0.093 ml)
Servings per Container About 161

Each Serving Contains

Oregano oil (from Oregano leaf)	25 mg †
Providing: Carvacrol	20 mg †

† Daily Value not established

Other Ingredients: Extra virgin olive oil

Recommended Dose

Adults: Take 3 drops daily or as recommended by your healthcare practitioner. Take with food, a few hours before or after taking supplements containing iron, zinc, calcium or copper.

Size

0.5 fl oz (15 ml)

Product Code

07681



Phyto-gens

Phytotherapy preparation

- Synergistic combination of young shoot and bud extracts

Phytoembryotherapy is a branch of phytotherapy that specifically incorporates plant embryological tissues (buds, young shoots, etc.) containing “plant meristem” cells – undifferentiated, fast dividing cells which contain the plant’s genetic blueprint. These embryonic tissues are rich in beneficial phytochemicals including: growth factors and plant hormones, enzymes, nucleic acids, oligoelements, and phytonutrients such as polyphenols and flavonoids. Embryological tissues are utilized because many phytochemicals are lost in fully developed plants once chlorophyll is formed. Additionally, their energetic components are at their highest levels when they are harvested in the spring – the most active phase of the growth cycle.*

Defense-gen

HERBAL SUPPLEMENT

SUPPLEMENT FACTS

Serving Size 10 Drops (0.28 ml)
Servings per Container about 53

Each Serving Contains

Dog Rose (<i>Rosa canina</i>) Young Shoot Extract (1:20) 4.7 mg Dried Equivalent	0.09 ml †
Black Alder (<i>Alnus glutinosa</i>) Bud Extract (1:20) 4.7 mg Dried Equivalent	0.09 ml †
Silver Birch (<i>Betula pendula</i>) Bud Extract (1:20) 0.47 mg Dried Equivalent	0.09 ml †
† Daily Value not established	

Other Ingredients: Purified water, ethanol (grain), glycerin

Recommended Dose

Adults and Children (over 12 years): Take 10 drops once daily or as recommended by your healthcare practitioner. Invert bottle to 45° and shake lightly allowing drops to fall directly into mouth or in ¼ oz. of water.

Size

0.5 fl oz (15 ml)

Product Code

23924



Imu-gen (formerly Immuno-gen)

HERBAL SUPPLEMENT

SUPPLEMENT FACTS

Serving Size 10 Drops (0.28 ml)
Servings per Container about 53

Each Serving Contains

Sea Buckthorn (<i>Hippophae rhamnoides</i>) Bud Extract (1:20) 4.7 mg Dried Equivalent	0.09 ml †
English Walnut (<i>Juglans regia</i>) Bud Extract (1:20) 4.7 mg Dried Equivalent	0.09 ml †
Dog Rose (<i>Rosa canina</i>) Young Shoot Extract (1:20) 4.7 mg Dried Equivalent	0.09 ml †
† Daily Value not established	

Other Ingredients: Purified water, ethanol (grain), glycerin

Recommended Dose

Adults and Children (over 12 years): Take 10 drops once daily or as recommended by your healthcare practitioner. Invert bottle to 45° and shake lightly allowing drops to fall directly into mouth or in ¼ oz. of water.

Size

0.5 fl oz (15 ml)

Product Code

23865



Vrl-gen

HERBAL SUPPLEMENT

SUPPLEMENT FACTS

Serving Size 10 Drops (0.28 ml)
Servings per Container about 53

Each Serving Contains

Black Currant (<i>Ribes nigrum</i>) Bud Extract (1:20) 4.7 mg Dried Equivalent	0.09 ml †
Sea Buckthorn (<i>Hippophae rhamnoides</i>) Bud Extract (1:20) 4.7 mg Dried Equivalent	0.09 ml †
Black Alder (<i>Alnus glutinosa</i>) Bud Extract (1:20) 4.7 mg Dried Equivalent	0.09 ml †
† Daily Value not established	

Other Ingredients: Purified water, ethanol (grain), glycerin

Recommended Dose

Adults and Children (over 12 years): Take 10 drops once daily or as recommended by your healthcare practitioner. Invert bottle to 45° and shake lightly allowing drops to fall directly into mouth or in ¼ oz. of water.

Size

0.5 fl oz (15 ml)

Product Code

23935





112 Technology Drive
Pittsburgh, PA 15275



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