



Product Instruction
Dietary Supplement OMARIDIN™

Ingredients: 1 bottle contains 100 g of pure food-grade protein.

TESTING CERTIFICATE of Food Product Dietary Supplement "OMARIDIN". State Institution "O.M. Mazieiev Institute for Public Health" NAMS of Ukraine, # 8 / 2125 edition of 19.06.2017
 SCIENTIFIC REPORT of Sanitary-and-Epidemiologic evaluation TSU 10.8-41157102-001-2017 Dietary Supplement "OMARIDIN". Technical Specification, State Institution "O.M. Mazieiev Institute for Public Health" NAMS of Ukraine, # 8 / 1837 of 29.05. 2017.

Amino Acid Composition of Dietary Supplement OMARIDIN™ mass %

Vitamin Composition of Dietary Supplement OMARIDIN™

Amino acid %	Study Outcomes
Lysin	2,1421
Methionine	0,8237
Threonine	1,7097
Tyrosine	0,9291
Serine	1,8208
Cystine	1,1877
Alanine	1,1525
Asparaginic Acid	2,8072
Arginine	1,1243
Valine	1,5205
Glutamic Acid	5,7885
Glycocine	5,0765
Histidine	1,0708
Isoleucine	1,1651
Leucine	2,4877
Proline	2,7955
Phenylalanine	1,0823

Item Name, Unit of Measure	Study Outcomes
Content of Vitamin A, mg/100 g	0,02
Content of Vitamin D3, mg/100 g	0,07
Content of Vitamin E, mg/100 g	<0,2
Content of Vitamin B2, mg/100 g	1,4
Content of Vitamin B6, mg/100 g	<0,2
Mass Percentage of Crude Fiber, %	0,30
Mass Percentage of Phosphorus, %	1,22
Mass Percentage of Protein, %	40,00
Mass Percentage of Fat, %	2,04
Calcium, mg/100 g	1377
Copper, mg/100 g	0,04
Iron, mg/100 g	0,57
Selenium, mg/100 g	0,04
Zinc, mg/100 g	5,3
Mass Percentage of Magnesium, mg/100 g	117
Mass Percentage of Potassium, mg/100 g	1574
Mass Percentage of Sodium, mg/100 g	425
Thiamin (Vitamin B1) mg/100 g	0,2

Mycological study with MALDI-TOF identification. Saccharomyces spp Mb. 11% of homologue genes, 6300 of them are similar to human genes

Nutritional and energy value (caloric value) per 100 g: proteins - 40 g, fats - 2.04 g, carbohydrates - 44.84 g 341.99 kcal.

Recommendations for use: it is recommended as a dietary supplement in food ration for immune system diseases; cardiovascular and lymphatic systems diseases, central and autonomic nervous system disorders, respiratory diseases, gastrointestinal issues, diseases of the genitourinary system, neoplasms (tumors), malignant neoplasms of the stomach and esophagus, lymphomatoid granulomatosis, thyroid gland enlargement caused by traumas, brain concussion (post-traumatic rehabilitation), overweight,

metabolic disorders, chronic fatigue syndrome, headache, and for weather-sensitive persons as well.

Ingredient's Characteristics of Dietary Supplement OMARIDIN™:

OMARIDIN™ is an ecologically pure food-grade milk protein that increases the body's resistance to various unfavorable factors (chemical, biological and physical). It is a natural product which contains a high concentration of natural indispensable and nonessential amino acids with its specific amino acid sequence. It's consuming increase the protective and detoxifying functions of the body and phagocytic activity.

OMARIDIN™ activates immunity through interaction with cells' Toll-like receptors (TLR). OMARIDIN™ is fermented by the basidiomycetes saprophyte "Endomyces Omaricum" that contains Saccharomyces spp, which have a direct impact on Toll-like receptors as a cell paradigm (the immunity genomics alteration). Genome size in the case of OMARIDIN™ is 12 Mb. 11% of homologous genes, 6300 of them are similar to human genes and are able to make a positive impact on the life time.

Dietary Supplement OMARIDIN™ does not contain proteins formed of non-nutritional D-amino acids. Such characteristics helps to avoid the pressure appearance on kidneys, in which D-amino acids are detoxified by D-amino oxidase, this is one of the key factors in body aging suspension and errors accumulation in human gene.

Dietary Supplement OMARIDIN™:

- fat-free, does not contain cholesterol and is a prophylactic remedy of atherosclerosis;
- contains sulfhydryl groups (SH), useful and deficient for the standard diet, which ensure the liver detoxification function;
- prevents the transformation of the amino acid D, L-methionine into a dangerous substance (homocysteine), which accelerates the body aging, causing apoptosis (programmed cell death);
- provides the need in self-protein synthesis, suscitate of proteolytic enzymes in tissues and alimentary tract, helping to digest the food and increase the appetite;
- causes no allergic reactions, since it does not contain atypical allergenic proteins;
- eupeptic due to the perfect balance of food-grade L-amino acids;

Dietary Supplement OMARIDIN™:

- causes no disgust or idiosyncrasy, since it does not contain dangerous quantity of α -lactose, which is fermented to ethylidene-lactic acid and carbon dioxide during the manufacturing process of the supplement;
- has been created using an unique fermentation starter, which is being a producer of number of substances with a pronounced anticarcinogenic effect, and increases the autogenous immunity as well.
- is able to enclose free nonorganic forms of such important microelements as iron, copper, zinc, selenium in protein structures; helps to create effective balance of these important elements in body, and so ameliorates the activity of body hematopoietic system, increases its muscular and intellectual work, cognitive abilities, body aesthetics and plays a facilitating role in reproductive and antitumor body functions
- prevents stones formation in kidneys, vessels, joints, intervertebral spaces, because lactic acid, formed during the lactose fermentation, destroys even already formed stones;
- does not contain fats; prevents fatty degeneration of liver and other organs in its composition and effects;
- has a protein composition that prevents liver fibrosis, therefore it is indicated for treatment of hepatitis of any genesis

- has an anti-inflammatory effect, can protect the human organism from putrefactive and pathogenic bacterial flora, as well as the extraneous moldy (fungal) flora

Dietary Supplement OMARIDIN™ has special properties such as resistance to bile activity, hydrochloric acid and pancreatic fluid. It keeps viability in passing through the gastrointestinal tract.

A major direction in which **Saccharomyces spp** microorganisms, active in **OMARIDIN™**, realizing their positive effect, is their competitive interaction with pathogenic microbial flora. This leads to immunologic response modulation. **Saccharomyces spp** reduce the concentration of pathogenic bacteria and have positive effects on the metabolic activity of microbial flora by reducing the production of such active substances as fecal azoreductases, nitroreductases and β -glucuronidase.

Another action mechanism of **Saccharomyces spp** is interaction with body cells through Toll-like receptors, constituting glycoproteins and which are on the vast majority of mammalian cells, especially on cells that make initial contact with pathogen-associated molecular patterns. The cells, which contain such receptor, include monocytes and macrophages, endothelial and epithelial cells, dendritic cells, polymorphonuclear leukocytes. The principal function of these receptors is instant identification and penetration notification of antigens of bacterial, viral, fungal nature into the body.

Method of administration and recommended daily dose:

Adults, pregnant women and children should use 5-7 g (1 teaspoon) 2 times per day, 30 minutes before meals, at an interval of 12:00.

Do not swallow, let the powder dissolve in mouth.

In case of rejection: shake the powder with a half glass of water and drink a suspension in little sips.

Maximum daily dose is 14 g (2 teaspoons)

Usage duration is up to 40 days. Further usage period should be agreed with doctor.

Warnings: during the first 5-7 days of usage: stomach activity sharply increases, expressed in excessive aerogenesis; the ejections are frequent; urine is darkening; patients who have stones have unpleasant feelings in liver, kidneys and hypochondriac region. After 12-14 days body reactions are disappearing. In some cases urinary frequency can be observed.

This product should not be used as a substitute of balanced food ration.

Do not exceed the recommended daily dose.

Do not use after the expiration date printed on the package.

It is recommended to consult a doctor before use

Contraindications:

- severe form of diabetes mellitus;
- particular fungus diseases;
- acute intestinal disorders;
- cannot be used with other drugs and during drugs treatment (due to possible complexity of drugs absorption);
- does not intended for person with hypotension (possible pressure decrease);
- cannot be used with alcohol;

Form release: powder for internal use. 100 g powder in a plastic bottle. 1 bottle in a cardboard box.

Batch (series) number of production/ is the production date/: indicated on the pack unit.

Expiration date: 24 months. See information on the bottle and pack unit: “Best before”:

Storage conditions: store in the manufacturer's packaging at a temperature of + 2 ° C to + 20 ° C out of reach of children. Avoid exposure to direct sunlight, high heat and humidity.

Name and location of the manufacturer: Private Enterprise “Marina”, address: 3 Sadovaya St., Dudarkiv, Boryspil district, Kiev region, 308330.

This product is not intended to diagnose, treat, cure or prevent any disease

Manufactured in accordance with International Quality Standards and Norms 22000, HACCP.



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