POWER AND SECRETS OF THE FAR NORTH

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For a period of more than 20 years, “FERMENT” company has been operating on open spaces of Russian Far North, Siberia and of central region of Russia. The company workers have elaborated and adopted the technology of collecting reindeer antlers, processing the products of reindeer breeding to medical forms and to biologically active additives to food. Raw materials for food industry on production of biologically active additives to food, tonics and antler baths are produced from reindeer antlers and reindeer blood. We actively cooperate with foreign companies from France, China, Hong-Kong, South Korea and Vietnam. We offer a wide range of finished products from antlers, blood and endocrine -enzyme raw materials of a reindeer.
The founder of the «FERMENT» company is Cand.Biol.Sci Osintsev Nikolay Sergeevich. The scientist has dedicated more than 35 years to the study of the chemical composition and pharmacological properties of Siberian stag, dappled deer, reindeer and elk antlers. He developed the technology of stocking the reindeer antlers, with reference to conditions of tundra and the Far North mountain-taiga zone.

Osintsev N.S is the author of many developments and a number of biologically active food supplements from antlers, blood and endocrine-enzyme raw materials of reindeer. Scientific researches are reflected in the publication of 70 scientific papers and 13 inventions.
RULES OF THE MANUFACTURING PROCESS

➢ The work is carried out only with healthy animals under veterinary supervision.
➢ The raw materials are processed by using lyophilic installations in severely restricted temperature conditions.
➢ At each stage of the production, the level of cleanliness complies with existing requirements.
➢ All finished products are obligatory certificated in accordance with specifications.

WHY THE REINDEERS?

➢ Year-round keeping of reindeer on natural pastures in the Far North conditions.
➢ Adaptiveness of reindeer to survive in extreme conditions due to intensive metabolism in the short summer period. The selection of products is carried out in the period of maximum accumulation of bioactive substances in the animal body.
➢ Infectious safety and environmental controls at the slaughterhouses, standardized according to European requirements.
- Own production
- High-tech equipment
- High-quality raw materials from state municipal enterprises
- Own unique technologies
- The original recipe and the strict quality control
GEOGRAPHY OF RAW MATERIALS SELECTION

REGIONS OF RUSSIAN FAR NORTH

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WHAT DOES OUR COMPANY PRODUCE?

“PANTEL”

A freeze-dried (dry preparation) concentrate of biologically active substances extracted from reindeer antlers. A unique technology, developed by the “FERMENT”, allows to extract 37% of biogenic stimulants from antlers. “Pantel” has great effect on the human body due to the maximum concentration of the biologically active substances. It includes more than 80 active substances different in their chemical nature: peptides, amino acids, lipids, carbohydrates, hormones, growth factors, nucleotides, minerals, glycosides, vitamins. "Pantel" is a raw material for the food industry and is used in the production of biologically active additives to food, tonics, cosmetics, and antler baths.

MILLED REINDEER HORNS

Horns of a reindeer are slightly inferior to antlers in a value of organic substances, but are far superior to the content of minerals. There is no such a source (except antlers ) as reindeer horns, which would contain the whole complex of biologically active substances vital for human health. This is what explains the usage of deer horns in Tibetan medicine for thousands of years.
A freeze-dried defibrinated reindeer blood, it is a source of iron, and amino acids, which are essential for the human body. It contains the whole complex of all the biologically active substances, peptides, lipids, nucleic acids, growth factors, hormones, minerals, etc.

It should be noted that iron in the "Hemolen" is a divalent, that is why it absorbs in a human body 10 times better as compared with an iron of another valence. "Hemolen" is a raw material for the food industry; it is used in the manufacturing of a wide range of biologically active food additives, which have an effect on the haemopoiesis during anemia.

**COLLAGEN-PEPTIDE COMPLEX**

The extract and hydrolysate from reindeer horns are used in production of biologically active food additives and cosmetics. Collagen is a protein, which accounts for 25% of body's total protein mass; it is also a key element of the connective tissue, which gives strength to it. Collagen forms a structure of cartilage, tendons, ligaments, bones, teeth, skin and blood vessels.

Amino acids in collagen hydrolysate are used in: cosmetic products for improving skin elasticity (rejuvenating effect); for activation of cellular metabolism, for increasing blood circulation, for stimulation of hair growth; in biologically active food additives: for the prevention of diseases and restoration of a musculoskeletal system; intraarticular fluid production (strengthening bone structure).
“PANTOHEMATOGEN THE NORTHERN” - general strengthening remedy, natural source of iron from reindeer blood and antlers. It is used in case of iron deficiency anemia, helps to increase hemoglobin level in blood. It is recommended in case of chronic fatigue syndrome, systematic stress, depression, weakened immune system, frequent colds and infectious diseases.

Composition: defibrinated reindeer blood - 56%, sugar syrup - 35.4%, extract of reindeer antlers “Pantel” - 8%, fruit essences - 0.5%, ascorbic acid - 0.1%.

Storage life: 12 months.
“REKODEPAN” is used as a performance enhancing and a tonic product in case of increased fatigue, chronic fatigue and after intense training. Gives an additional rush of strength, stamina, and also accelerates recovery after prolonged physical loads. Has an immunoactive effect.

Composition per 1 capsule (350g) : L-ornithine – 50 mg, dry extract and hydrolyzate of reindeer antlers – 36 mg, rhodiola rosea – 20 mg, maral root – 10mg; excipients: microcrystalline cellulose – 198.25 mg; potato-starch – 1.5 mg

Storage life: 3 years.
“STIMERECT” – is a new-generation preparation, 100% bioactive food additive from reindeer antlers for men and women, improves sexual and reproductive functions, restores masculine power, causes an improvement in the blood supply to the penis, enhances erection, has an anti-stress effect, increases stamina and work performance, improves overall health and sexual potency.

Composition: extract from reindeer antlers, freeze-dried extract-hydrolizate from reindeer organs, zinc lactate, microcrystalline cellulose magnesium stearate, gelatin, water.

Storage life: 3 years
"PANTOCRINE THE NORTHERN" – is an immunostimulator of an natural origin, an additional source of vital micronutrients, amino acids, minerals and vitamins. Is recommended as a broad-spectrum remedy: accelerates the recovery process after illness and traumas, helps to overcome depression, caused by physical, mental and emotional overloads.

Composition: 1 capsule (300 mg): “Pantel” biologically active food additive (35 mg); excipients: microcrystalline cellulose (263,5 mg), potato starch (1,5 mg).

Storage life: 2 years.
Cosmetic product. The concentrate of biologically active substances for making antler baths. You can choose to buy ANTLER BATHS “Gifts of the Arctic” elegant gift box or in a regular packaging. This unique product is effective in removing diseases of a musculoskeletal system, osteochondrosis, osteoarthritis, metabolic disorders, increased mental and physical loads, chronic fatigue syndrome, in removing of alcohol and nicotine intoxication, cleanses the skin in case of diathesis and psoriasis.(10 sachets / 4 g each)

Composition: sea salt - 50%, dry reindeer blood "Hemolen" - 34%, extract from the antlers of reindeer "Pantel" - 15%, Rhodiola rosea extract - 1%.

Approved by the Russian Scientific Center for Medical Rehabilitation and Balneology of the Russian Ministry of Health

Storage life: 3 years.
HEMATOGEN “HEMALAD” – natural hematogen for your child; rich source of iron and vitamin “C”, promotes blood renewal, strengthens the immune system, normalizes hemoglobin level, stimulates blood formation and blood circulation. Contains honey.

Composition: "Hemolen" BAA (dry reindeer blood), whole sweetened condensed milk with sugar, sugar syrup, starch syrup, honey, ascorbic acid, Natural Vanillin Flavoring.

Storage life: 1 year.
HEMATOGEN “POLAR EXPLORER” improves metabolism, stimulates hematopoiesis, helps the absorption of iron in the intestine, increases the hemoglobin level in blood, regulates redox processes in a body. Hematogen for adults is a source of iron and vitamin "C", as well as of complete protein, fat, carbohydrates and minerals, which are contained in proportions close to the composition of human blood.

Composition: biologically active food additive "Hemolen" (reindeer dry blood); biologically active food additive "Pantel" (reindeer antlers extract), whole sweetened condensed milk with sugar; sugar syrup; starch syrup; wheat fiber; thyme extract, mint extract, ascorbic acid; natural vanilla flavor.

Storage life: 1 year.
“COLL-HORN” (in sachets for oral administration) – is a modern cartilage protector made from reindeer horns (cartilage protector), protecting and maintaining the mobility of joints; contains natural ingredients: peptide collagen, chondroitin and glucosamine. It helps strengthen bone and cartilage tissue in case of osteoarthritis, arthrosis, intervertebral osteochondrosis and also restores mobility of joints after fractures and sports injuries.

Composition per 1 sachet : collagen-peptide complex extracted from reindeer horns (proline 25%) – 1400 mg; glucosamine sulphate – 600 mg, chondroitin sulphate- 500 mg, ascorbic acid – 50 mg, microcrystalline cellulose - 950 mg.

Storage life – 2 years
“HEMOLEN” is used as a biologically active food additive, is a natural source of iron that absorbs in a human body faster, as compared with synthetic medications. It is used in a comprehensive treatment of anemia, increases the hemoglobin level in blood, restores immunity and stimulates body to protect it from infections, contains more than 80 vital bioactive components.

Composition per 1 sachet: freeze-dried defibrinated reindeer blood – 2.5 g

Storage life – 2 years.
“COLL-HORN LONG” based on reindeer fat provides enhances nutritional support to joints, connective tissue and a spine, helps to reduce pain and to improve joint mobility, promotes the natural recovery of cartilage tissue and prevents further development of the disease. It is used in case of osteoarthritis, after having had fractures and sports injuries.

Composition: reindeer fat, linseed oil, balsam turpentine oil, lanolin, purified water, chondroitin sulfate, collagen-peptide complex extracted from reindeer horns, stearic acid, cetearyl alcohol, ascorbic acid, sodium benzoate.

Storage life: 2 years.
ANTLER SLICES

Thinly cut antler plates, packaged in souvenir cartons (75g each). Reindeer antler slices are used in case of increased fatigue, sexual dysfunction, after having suffered from an infectious disease and after surgical interventions, for tissue regeneration.

Antler slices are used for preparation of medicinal tinctures on vodka, are brewed with boiling water and are infused for 60-90 minutes, is also used for cooking food. The daily dose of slices for an adult is 1.5 - 3.0 g. Course of treatment lasts for 10 days. Pharmaceutical form: Thinly cut antler plates, packaged in souvenir cartons (75g each).
REGENERATING GEL MASK FOR FACE is a cosmetic product. It visibly smooths wrinkles, moisturizes and nourishes the skin, makes the skin elastic and younger-looking, has a wound-healing effect. Bioactive components that make up the facial mask composition, activate youth proteins: collagen and elastin; increase metabolism in the skin cells and a natural protective barrier; remove toxins from the skin.

Composition: water, reindeer dry blood “HEMOLEN”, hydroxypropylmethicellulose, collagen-peptide complex extracted from reindeer antlers (“PANTEL”), hyaluronic acid, chlorhexidine bigluconate, calamus extract.

Storage life: 1 year.
ANTLER GEL MASK FOR HANDS is a cosmetic product. It has a positive effect on the skin: has a tonic effect, protects against the harmful effects of the environment, has a wound-healing effect, slows down the aging process of skin of hands. Suitable for all skin types.

Composition: water, reindeer antlers extract ("PANTEL"), hydroxypropylmethylcellulose, collagen-peptide complex extracted from reindeer antlers ("PANTEL"), hyaluronic acid, *chlorhexidine bigluconate*, calamus extract.

Storage life: 1 year.
“FERMENT” company is a manufacturer of premium segment products. We guarantee high control over the quality of raw materials that we use. The company constantly conducts scientific researches and is preparing the new biologically active additives to be released. The value of a reindeer as a source of health is increasing in proportion to the depth of development in this direction.

**STAY HEALTHY!**

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