



AMETIS
Joint-Stock Company



AMETIS Company Profile

Ametis JSC was founded on June 25, 1998 in Blagoveshchensk, Amur region. Despite the fact that Ametis JSC is relatively young company, but has already become the largest industrial complex in production of Dahurian larch extracts under the trade mark LAVITOL and showed itself as a stable, competitive market player.

The annual volumes of manufactured Dihydroquercetin extract with the purity not less than 90% exceed **13 tons**, and Larch arabinogalactan – **40 tons**, which places Ametis JSC as the leading manufacturer and supplier of the larch extracts in Russia. The company doesn't rest on its laurels and develops successfully in the domestic and international markets, improving technology of production, introducing know-how to produce natural, highly effective, quality products. In this regard, Ametis JSC works closely with more than 20 leading scientific institution located in Russia, including Amur State Medical Academy, Far East State Agrarian University, Institutes of Tomsk, Novosibirsk, Moscow, etc.



TABLE OF CONTENTS

BRIEFLY ABOUT US	3
Our Mission Our Values	
OUR TEAM	4
The Quality Control Department	
THE COMPANY HISTORY	5
BUSINESS ACTIVITY	6-8
Extraction of Dahurian Larch wood substances Extraction of birch substances Production of Dietary Supplements Production of fertilizers and feed for animals	
FIELDS OF APPLICATION	9
Scope of products produced by Ametis JSC	
COMMERCIAL ACTIVITY IN RUSSIA	10
Company sales geography in Russia (2015-2016) Cooperation with scientific organizations and institutions in Russia	
INTERNATIONAL COMMERCIAL ACTIVITY	11
International company sales geography (2015-2016) Ametis JSC products' certification process abroad	
COMPETITIVE ADVANTAGES	12



Briefly about us

Since December 2003 Ametis JSC is engaged in deep processing of larch wood for the purpose of unique natural substances extraction – Dihydroquercetin and Larch Arabinogalactan, produced under the trade mark Lavitol. These substances are successfully used in nutritional, food, cosmetic industries, as well as in animal husbandry and agriculture.

Today, Ametis JSC is the largest manufacturer of Dihydroquercetin, which accounts for **over 70%** of the total production volume of this product. The annual volumes of manufactured Dihydroquercetin exceed **13 tons**, and larch arabinogalactan – **40 tons**.

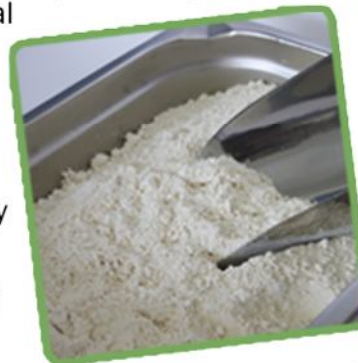
Since 2008, Ametis JSC has developed and put on market a wide range of dietary supplements that feature Dahurian larch-derived natural substances.

In 2010 Ametis JSC created the new direction for the use of Dahurian larch tree extracts as feed additives for livestock and poultry in husbandry.

In 2015 Ametis JSC developed and launched onto the market the natural fertilizes.

Our Mission

Our mission is to become one of the world leading companies in manufacturing of unique natural substances from larch tree. We develop, produce and offer safe, highly effective natural products, improving the quality of life of consumers. We achieve our goals in creating innovative production environments, improvement of technologies and implementation of such technologies through know-how, that can maximize inherent potential of larch wood.



Our values

Innovation and development. We are constantly moving forward, striving to be better in all aspects of our business, be one step ahead by implementing new technologies at all stages of production process and setting the current market trends.

Focus on care and team spirit. We have teamed up and created joint team of highly qualified experts. Our strength lies in care, support and respect to our employees, which in turn take care of our customers and business partners.

Partnership and integrity. We acknowledge only mutually beneficial cooperation, adhere to the principles of sustainability, transparency and honesty of relations. We highly value and encourage the dedication of our employees and partners.

Safety and environmental responsibility. We create and maintain safe working conditions and demonstrate the Company's commitment to the health, safety and comfort of our staff. We strive to comply with the principles ensuring environment preservation, aimed at prevention of environmental pollution and efficient management of energy and natural resources.



Our Team

Managers and specialists of Ametis JSC – is a strong team of like-minded professionals, who are interested in professional growth and development and having a wealth of experience in development, registration, organization of production process and product sales.

Currently, Ametis JSC has **more than 100** full-time staff members and we aim to increase their number with the development of our enterprise.



Lashin, S.A.

The founder of the company, Chairman of the Board of Directors
Has more than 30 years of experience in the industrial sector and held senior leadership positions in production sphere. The competent leader, promoting the company's further growth.

Ostronkov, V.S.

Chief Executive Officer

has extensive experience in the organization of production process on processing of natural raw materials

Afonkin, A.V.

Chief engineer

is responsible for the results and efficiency of the Company's main production operations

Kabluchko, T.G.

Chief technologist

The specialist on the development and implementation of the technology of forestry and chemical processes, is responsible for organization of production process.

Kuznetsova, V.A.

Chief specialist on enterprise development

Qualified specialist in the development of projects leading to the achievement of the strategic goals of the company, monitoring their implementation

Andreykina, Yu.L.

Head of production laboratory

Has over 10 years of experience in the field of laboratory and quality control of raw materials and finished products

Davidenko, A.A.

Head of Marketing and Foreign Trade Activity Department

Expert in the field of collaboration with key partners and potential clients

Podubko, K.S.

Manager of foreign trade activity

is responsible for oversees development, ensures the collaboration of the company with international partners

The Quality Control Department

The quality management system of Ametis JSC was developed and implemented in accordance with the requirements of **ISO 9001:2015** standards in relation to manufacture of food additives, dietary supplements and raw materials for their production. The Quality policy is a part of the overall policy of the Company and as such as is aimed at ensuring the professional practice of analysis, maintaining a high quality of used raw materials and produced products.

Quality control is carried out at all stages of the production process and monitored by the **Quality Control Department**, which is responsible for developing, applying, revising, and maintaining quality standards for all kinds of produced products as well as for developing of quality test methods, claims analyzing and the developing procedure of their settlement, etc. The quality control personnel have been training for internal audit of the quality management system and received certificates confirming the compliance to therequirements of **ISO 9001:2015, ISO 22000-2005, HACCP standards.**

Each product manufactured by Ametis JSC is analyzed in the analytical laboratory of the enterprise as well as in the independent accredited testing analytical laboratory centers. In addition, products manufactured by Ametis JSC are periodically tested by independent international laboratories. Each batch of the finished product is accompanied by a **Certificate of Analysis** and a **chromatogram**.



The Company History

Ametis JSC was founded on **June 25, 1998** in Blagoveshchensk, Amur region. Customer focus, high-tech and innovative approach to the production process, as well as the strict requirements to the quantity of manufactured products, allow not only occupying its niche in Russia, but also expanding successfully into international markets.



2008

Since 2008 Ametis JSC produces **dietary food supplements** on the basis of own raw materials. In 2008 Ametis JSC received an award presented by the Ministry of Economic Development & Foreign Relations for the best innovative project realized on the territory of Amur Region "Experimental-industrial line of Larch processing"



2010

Ametis JSC was nominated as one of the winners in an open competition "Assistance Fond for the development of a small-scale enterprise in the scientific and technical sphere". Ametis JSC received the Certificate of **ISO 9001:2008** including **HACCP**. New field of application of Dahurian Larch tree extracts in the agriculture was developed.



2013

Ametis JSC entered the Top 100 most innovative fastest-growing Russian companies. Ametis JSC received the **License for production of medicines No 12206-AC-П**.



2015

Ametis JSC developed and launched onto the market the natural fertilizers.



2017

Ametis JSC received Final Positive Opinion issued by the EFSA and registered Lavitol (Dihydroquercetin) as the novel food ingredient in EU countries.

2003-2007

In 2003 the first batch of DHQ was produced and in the end of this year Ametis JSC went over planned production capacity. In 2005 Ametis JSC became a member of the **Amur Commercial & Industrial Chamber of Commerce**. In 2005, 2006 and 2007 Ametis JSC received the first place in the regional competition "The best small-scale enterprise in the Amur Region".



2009

In 2009 Ametis JSC produced the first batch of "Lavitol (Dihydroquercetin)" with the highest degree of purification – **more than 99%**. The production analytical laboratory of the enterprise is accredited by the accreditation system of analytical laboratories (centers) for the technical competence in determination of the dihydroquercetin content. Ametis JSC received self-affirmed **GRAS (Generally Recognized as Safe) status** of "Lavitol (Dihydroquercetin)".



2011-2012

Ametis JSC is the laureate of the Federal Program "100 best products in Russia - 2011" Ametis JSC is among the winners of the investment competition «Annual Public Award-Regions – Sustainable Development». Dihydroquercetin produced by Ametis JSC is registered as **pharmaceutical substance** (PC-000388).



2014

Ametis JSC received the registration documents for production of microbiological fertilizers "BioBeStA" and plant growth regulator "EcoLarix". Arabino-galactan, manufactured by Ametis JSC, has been registered as **pharmaceutical substance**.



2016

The subsidiary "Ametis-Invest" has the status of a **participant** of the project for development and ensuring the functioning of the innovative center "SKOLKOVO"



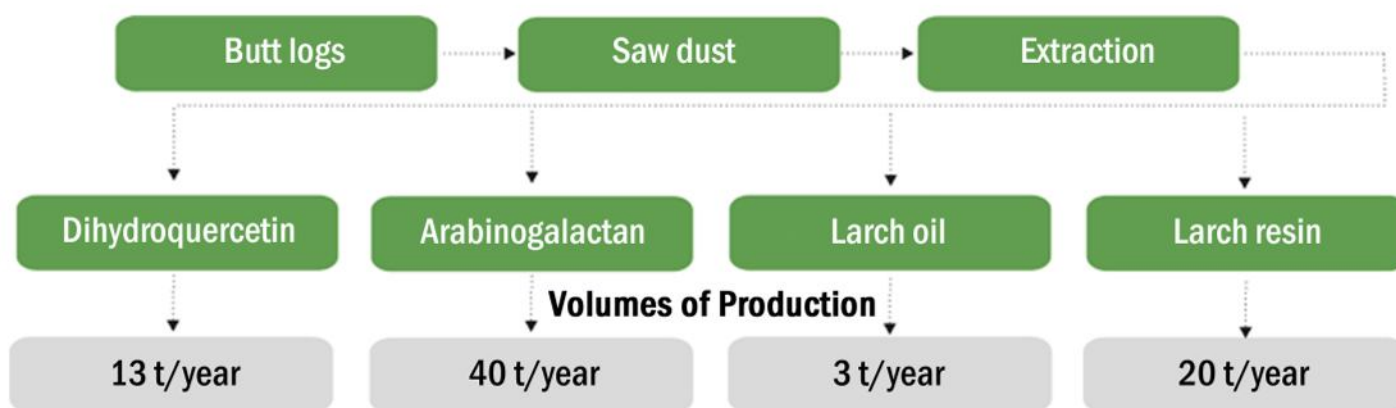
Business Activity - Extraction

The main activity of the company concentrates on the deep processing of larch wood for the purpose of further extraction of unique natural substances:

- **Dihydroquercetin** – natural antioxidant with high biological activity; has positive effects on the metabolic reactions and the dynamics of various pathological processes and can be widely used in various industries.
- **Arabinogalactan** – natural water soluble polysaccharide; has gastroprotective, immunomodulating, prebiotic (promotes better disintegration, nutritive absorption and digestion in the gastro-intestinal tract) properties.
- **Larch oil** – by-product derived from Dahurian Larch by a combined processing method; has high antiviral and biological activity.
- **Larch resin** - by-product derived from Dahurian Larch by a combined processing method; has antioxidant, antiseptic, capillary-protective, anti-inflammatory, antimicrobial, wound healing properties.



EXTRACTION OF DAHURIAN LARCH WOOD SUBSTANCES



EXTRACTION OF BIRCH SUBSTANCES



In 2014 Ametis JSC has implemented and launched production of the **birch bark extract (betulin)** and the **Chaga Mushroom extract**.

- **Betulin** – is a natural preservative, emulsifier, antioxidant and bio-stimulator at the same time; has antiseptic, immunomodulating and antiviral properties, improves the state of blood vessels and stimulates blood flow.
- **Chaga mushroom extract** – is a natural stimulant, providing protective and anti-inflammatory effect has antimicrobial and antiseptic properties.

Business Activity – Production of Dietary Supplements

LAVIOCARD

FOR CARDIO-VASCULAR SYSTEM



Composition:
Dihydroquercetin (extract of Dahurian larch wood) – 30 mg
Ascorbic acid – 70 mg
Other ingredients: lactose as filler material



- Laviocard+:**
- normalizes blood pressure;
 - strengthens blood vessels and capillary walls;
 - lowers levels of cholesterol;
 - improves rheological blood properties

IMMUNE BOOSTER

VitaLAG



Composition:
Dihydroquercetin (extract of Dahurian larch wood) – 30 mg
Larch arabinogalactan – 230 mg

- VitaLAG**
- has restorative (immunostimulating) effect
 - improves the regeneration of the mucous membrane of the stomach
 - normalizes the intestine microflora
 - promotes gastric and duodenal ulcer healing

LavitoForte ADVANCED ANTIOXIDANT COMPLEX



LavitoForte:

- enhances body's resistance to negative factors, strengthens the natural defence mechanism of the organism.
- decreases the level of sugar in blood;
- improves cerebral circulation;
- inhibits inflammatory processes in the body

Composition:
Chaga extract – 270 mg
Resveratrol – 30 mg
Dihydroquercetin – 30 mg

FLUKOL SLIM WEIGHT AND APPETITE CONTROL



Flukol SLIM:

- suppresses hunger;
- stimulates lipid and energy metabolism;
- accelerates fat oxidation and stimulates detoxification system;
- improves the efficiency of the digestive process.

Composition:
Garcinia extract – 150 mg
Larch arabinogalactan – 100 mg

LAVIOCARD Extra BLOOD PRESSURE SUPPORT



Composition:
99% Lavitol (Dihydroquercetin) -100 mg
ascorbic acid – 70 mg



Laviocard Extra:

- normalizes blood pressure;
- relieves headaches, reduces the symptoms of vertigo;
- improves a functional condition of the cardiovascular system;
- normalizes cerebral circulation.

RESTORE LIVER HEALTH

HEPATOLAG

HepatoLAG:

- increases the liver resistance to adverse external factors;
- stimulates metabolic processes in liver and helps in the regeneration process of damaged liver cells;
- normalizes biliation and increases the intensity of bile secretion;
- enhances the strength and detoxification power of the liver.



Composition:
Milk thistle extract – 100 mg
Bark birch extract (betulin) – 30 mg

FOR ATHLETES

LAVIO SPORT



Composition:
Dihydroquercetin – 30 mg
L-carnitine-L-tartrate – 350 mg

- accelerates regeneration of the body after intensive exercise
- improves endurance and stamina
- supports the process of cellular respiration
- reduces tiredness and physiological strain
- strengthens the immune system

ANTIOXIDANT IMMUNE SUPPORT

CHAGA MUSHROOM EXTRACT

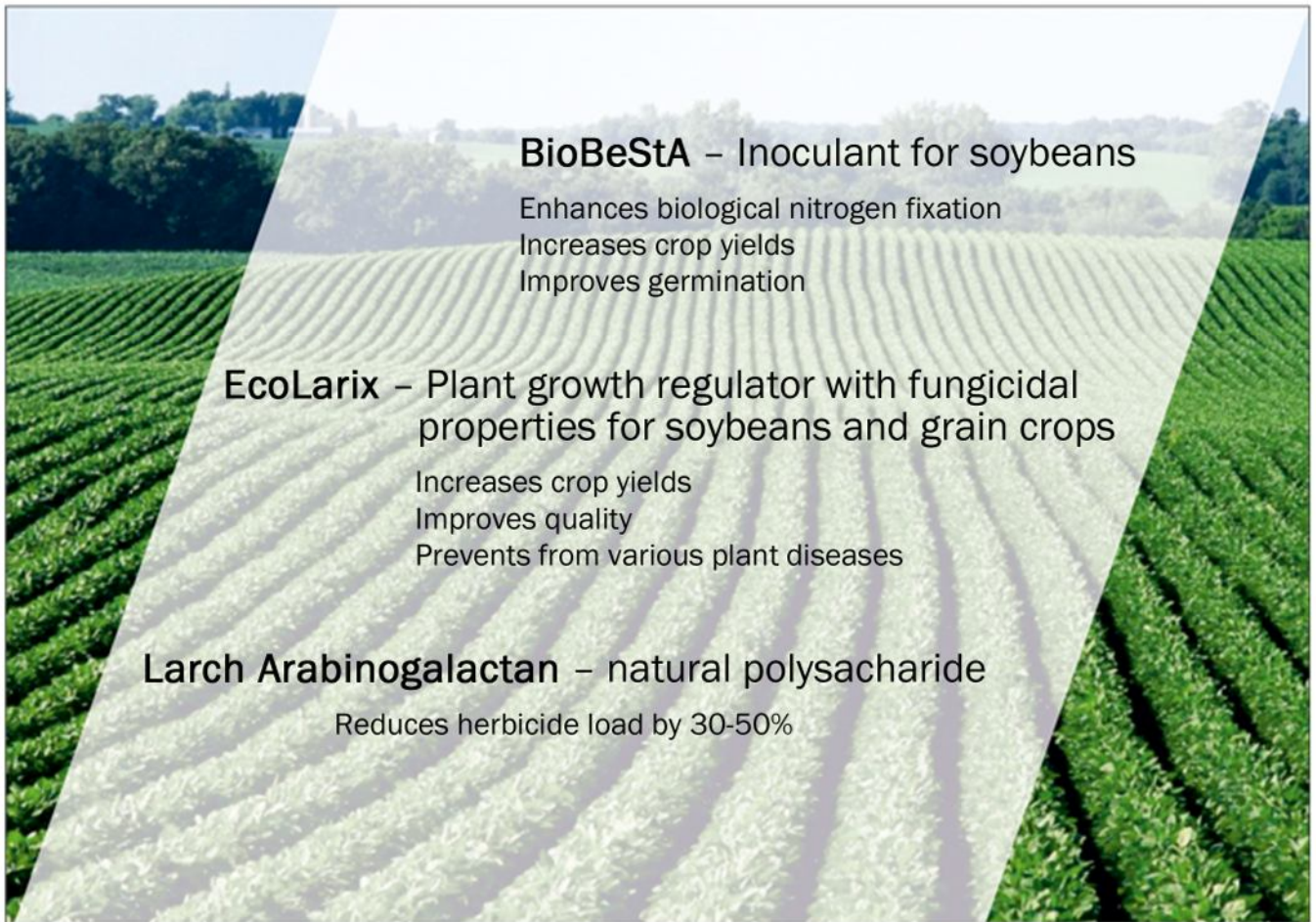
Chaga mushroom extract:

- improves metabolism and metabolic processes;
- restores normal intestinal flora;
- helps to remove toxins;
- improves cerebral circulation;
- normalizes blood pressure;
- boosts body resistance.



Composition: chaga extract - 50 g

Business Activity - Production of fertilizers and feed for animals



BioBeStA – Inoculant for soybeans

- Enhances biological nitrogen fixation
- Increases crop yields
- Improves germination

EcoLarix – Plant growth regulator with fungicidal properties for soybeans and grain crops

- Increases crop yields
- Improves quality
- Prevents from various plant diseases

Larch Arabinogalactan – natural polysaccharide

- Reduces herbicide load by 30-50%

Ecostimul-2 - Feed additive for agricultural animals and birds

- Increases average daily gain by 10-20%;
- Has a prophylactic effect against ketosis in dairy cows;
- Promotes the preservation of livestock, increases the survival of baby animals;
- Regulates metabolic processes, has a positive effect on the functional state of the internal organs and systems;
- Creates the mechanisms of cells protection against the viral and bacterial pathologies by neutralizing the activity of free radicals;
- Stimulates the fecundity of honey bee queens



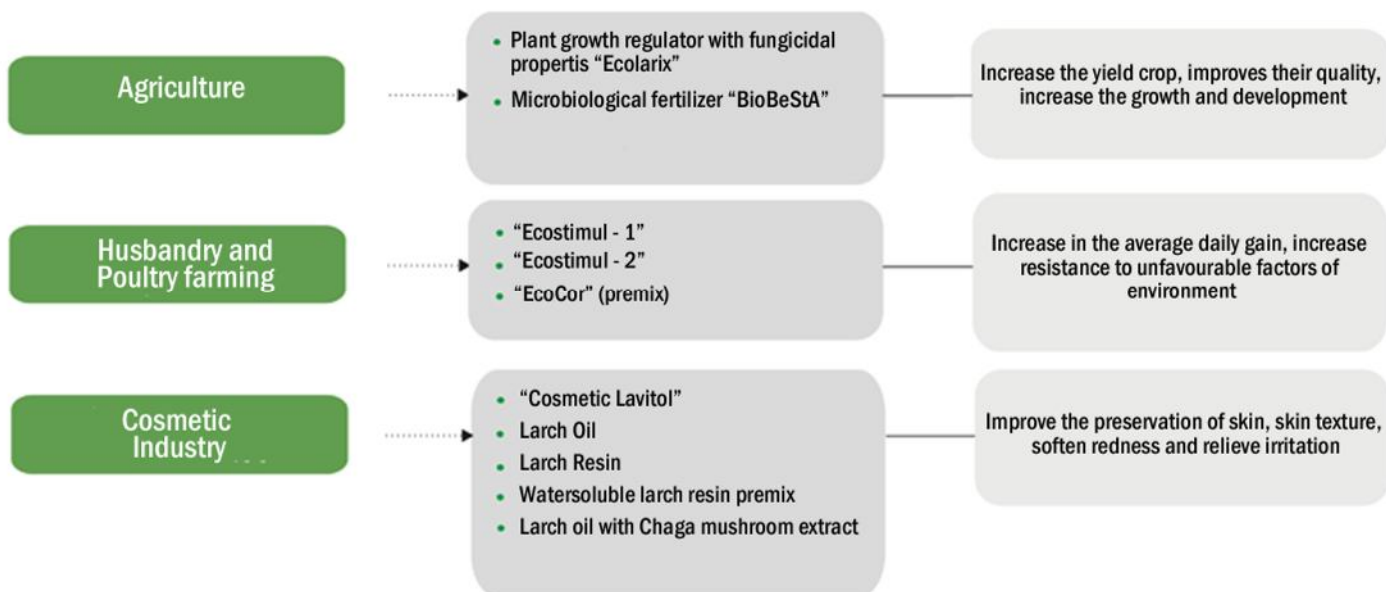
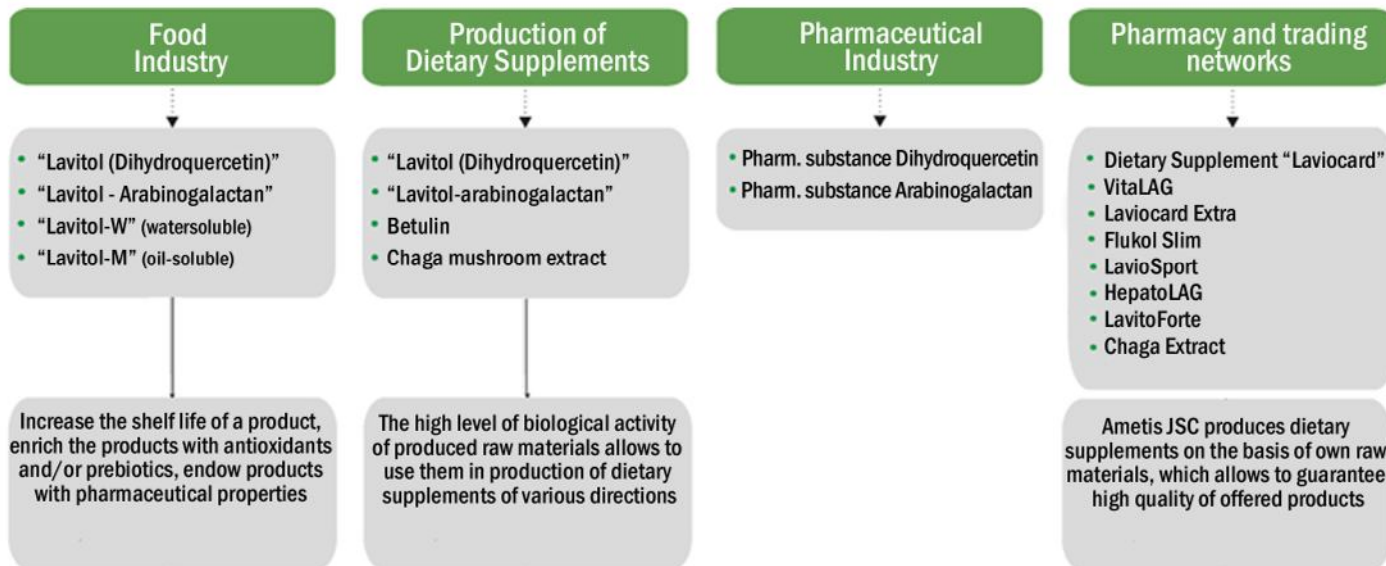
Feed additive EcoCor



- Has a prophylactic effect against ketosis (reduces the ketone bodies in milk and blood);
- Increases milk yield;
- Promotes the preservation of livestock, increases the survival of baby animals;
- Maintains the cow health and productivity;
- Improves the metabolism

Fields of application

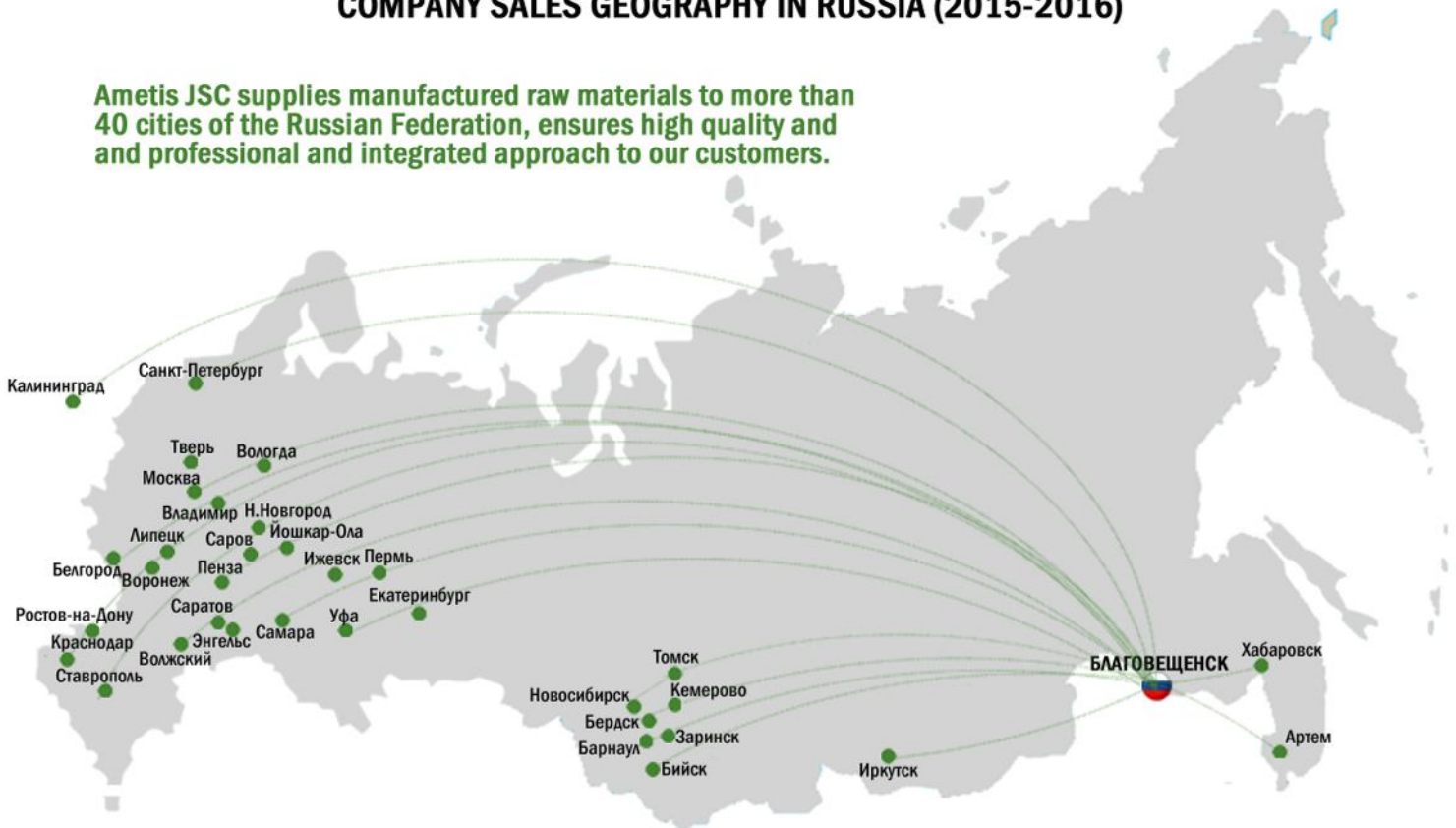
SCOPE OF PRODUCTS PRODUCED BY AMETIS JSC



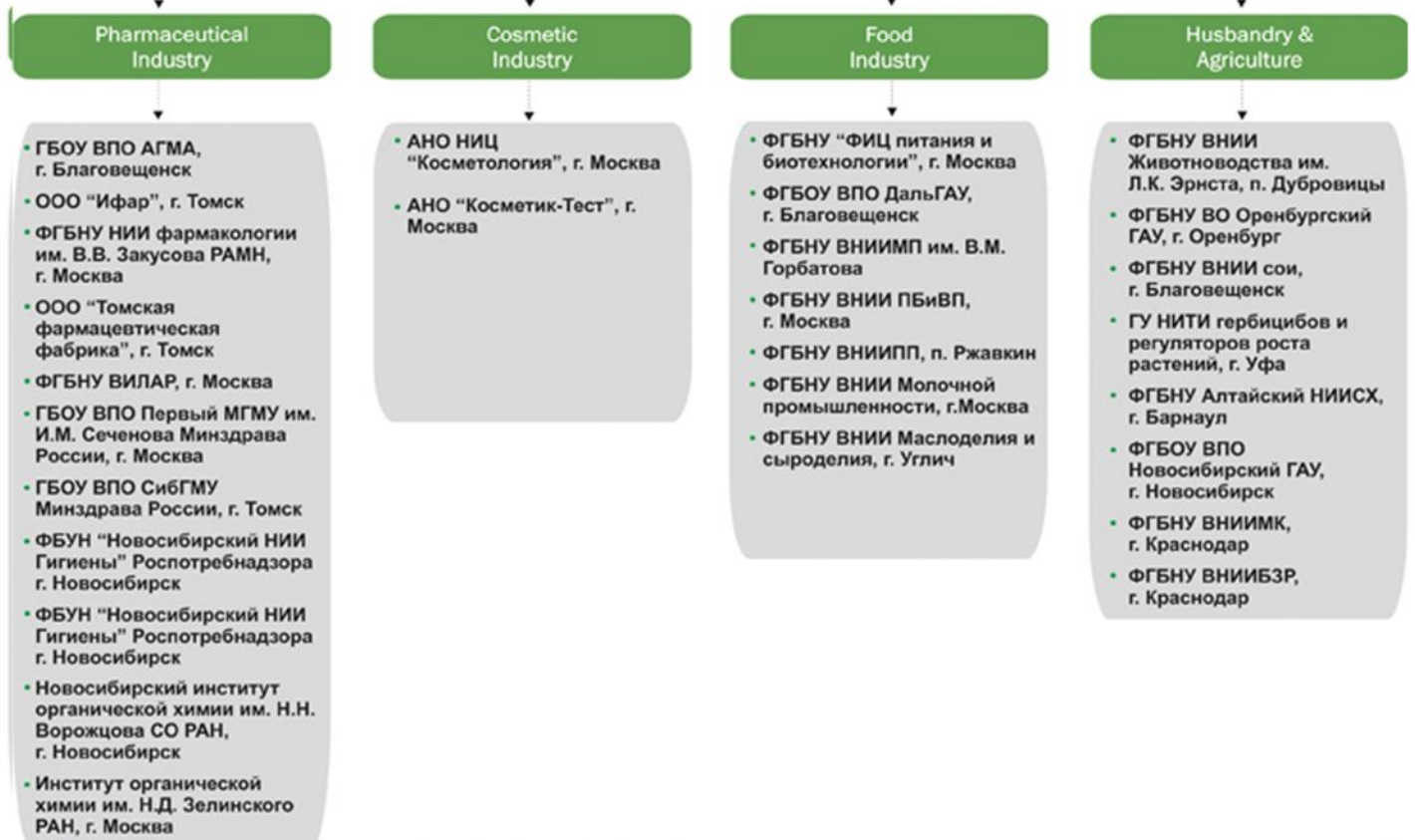
Commercial activity in Russia

COMPANY SALES GEOGRAPHY IN RUSSIA (2015-2016)

Ametis JSC supplies manufactured raw materials to more than 40 cities of the Russian Federation, ensures high quality and and professional and integrated approach to our customers.

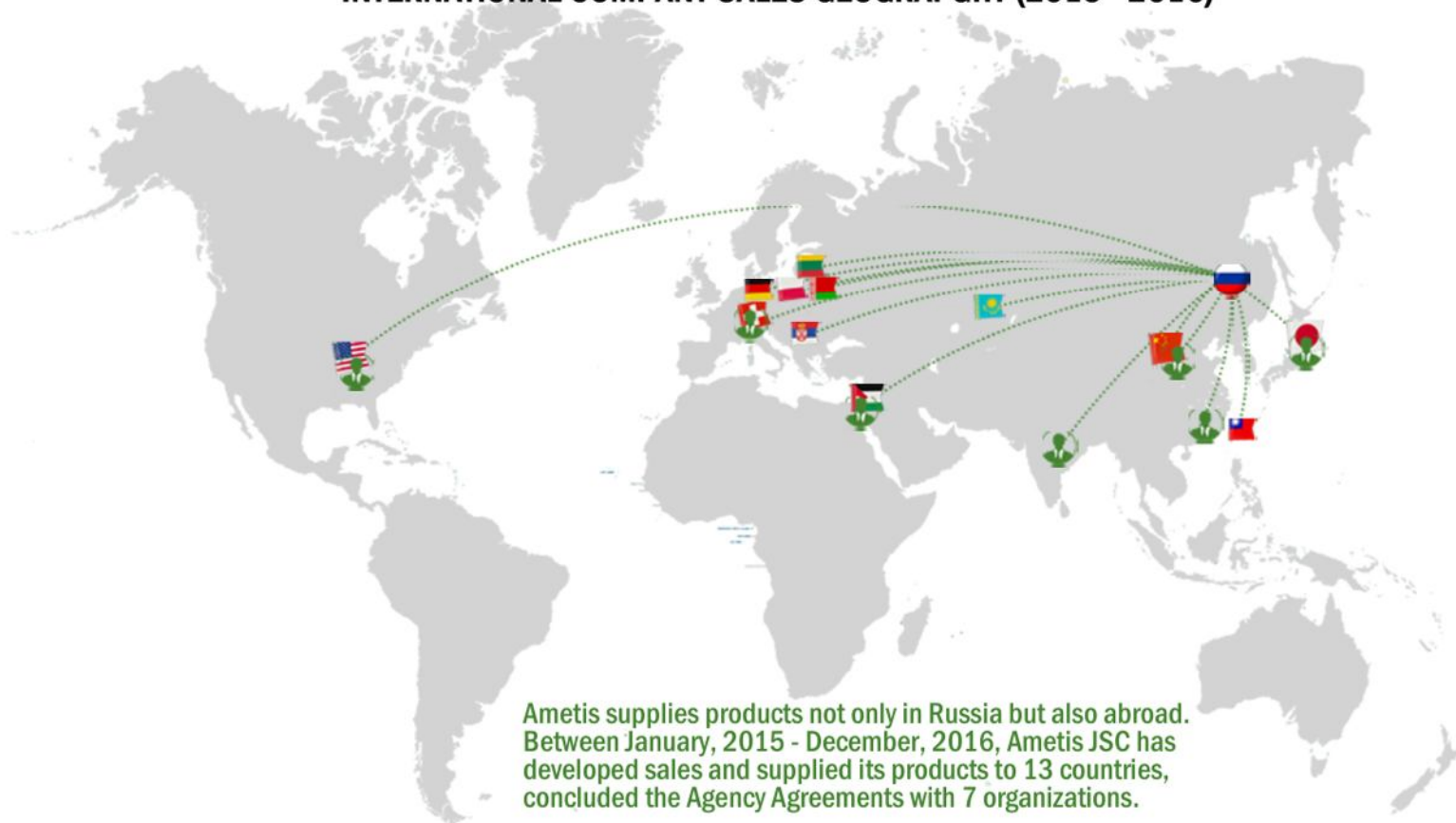


COOPERATION WITH SCIENTIFIC ORGANIZATIONS AND INSTITUTIONS IN RUSSIA



International commercial activity

INTERNATIONAL COMPANY SALES GEOGRAPHY (2015 - 2016)



AMETIS JSC PRODUCTS' CERTIFICATION PROCESS ABROAD

US FDA registered facility since 2007;

Dihydroquercetin produced by Ametis JSC is listed in International Nomenclature of Cosmetic Ingredients;

In 2009 - Registered the trade mark "Lavitol" in Germany;

In 2010 - Ametis JSC received self-affirmed GRAS status of "Lavitol (Dihydroquercetin)" in USA;

In 2010 - is ISO 9001:2008 including HACCP certified;

In 2011 - The ACNFP (UK) formulated a positive initial opinion and considered Lavitol (Dihydroquercetin) meets the criteria for acceptance of a novel food ingredient and could be registered in EU;

In 2013 - Registered the trade mark "Lavitol" in the USA and China;

In 2015 - Registered the Patent "Method for producing Dihydroquercetin" in Europe;

In 2017 - The EFSA (EU) formulated the final positive opinion. Lavitol (Dihydroquercetin) was considered to be safe and was registered in EU Countries as the novel food ingredient.



Competitive advantages

Ametis JSC has a full package of registration documents for all manufactured products, including Certificates of State Registration, Declarations, Certificates of Conformity, etc.;

Has its own patented technology for of the extraction of Dihydroquercetin (Patent RU 2 330 677 C1 and Patent RU 2435766 C1 "Method of Dihydroquercetin production"). Ametis JSC has patented the technology of production of Dihydroquercetin in Europe;

High volume production of larch substances – Dihydroquercetin and Larch arabinogalactan, which guarantees an uninterrupted supply of top-quality products. Ametis JSC is the largest dihydroquercetin manufacturer in the world. The dihydroquercetin content in produced Lavitol (Dihydroquercetin) varies from 70% to 99.5% that could cover all demands of customers;

All production areas, land area and administrative building of the company are owned by Ametis JSC that allow reducing the cost of production and providing competitive price;

The technological production line is equipped with modern high-tech equipment, which allows to produce high quality products with maximal preservation of health benefits and ensure required production volume;

Strict quality control of manufactured raw materials and products. Ametis JSC is ISO 9001:2015, ISO 22000-2005, ISO 22000-2005 including HACCP certified. Each batch of produced product is regularly analyzed in the accredited analytical laboratory of the enterprise, as well as in the independent accredited testing laboratories/centers;

The presence of qualified personnel. Ametis JSC has focused on staff training and development, sharing the knowledge and experience of the company;

The company works closely with scientific organizations and institutions, conducting joint scientific researches and technical developments that provide the basis for further growth and development of the company;

The subsidiary enterprise - Ametis-Invest has the status of a participant of the project for development and ensuring the functioning of the innovative center "SKOLKOVO". The status of resident of "SKOLKOVO" offers the certain benefits as the innovative company and opens new opportunities for development;

Ametis JSC is US FDA (Food and Drug Administration) registered facility. Ametis JSC received self-affirmed GRAS (Generally Recognized As Safe) status for "Lavitol (Dihydroquercetin)" in the USA, which testifies the product's safety;

Lavitol (Dihydroquercetin)" produced by Ametis JSC received the Final Positive Opinion and recognized as safe product by European Food Safety Authority. Lavitol (Dihydroquercetin) is authorized to place on the EU market as the novel food ingredient.