



BioOperations LLP

BioOperations plant is the only facility in Kazakhstan engaged in deep processing of wheat. BioOperations launched production at the end of 2018 after reconstruction and modernization of equipment.

It is equipped with the German manufacturer Flottweg, which makes it possible to produce products with the best quality indicators.

The plant is located in the grain region of the country, the availability of raw materials is a main advantage.

The plant has a closed production cycle, and can control product quality at all stages - from incoming of the wheat raw materials (grown in own fields), to the packaging and storage of the finished product in its own warehouse, equipped with controlled humidity and air temperature equipment.

Company Info

Established:
2018

Headquarters:
Tayinsha city, North-Kazakhstan region.

Active in:
Russia, Ukraine, Belarus, USA, India, Turkey, Central-Asia region.

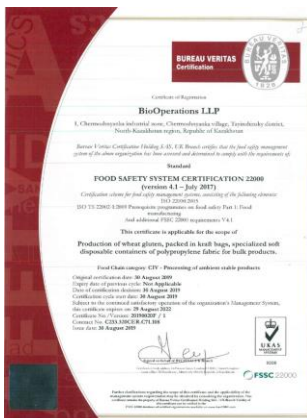
Turnover:
33.2 million USD

Productivity
Wheat Gluten-1200 MT/month;
Wheat Starch- 5000 MT/month;
DDGS – 3000 MT/month;
Bioethanol – 1200 MT/month;
CO2 – 750 MT/month;
Wheat production – 100 thousand MT/year.

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BioOperations LLP is certified by FSSC 22000 in 2019 with registration in the international register. Food Safety System Certification 22000 (FSSC 22000) – it is a reliable, ISO-based, internationally recognized audit scheme and certification for the food safety management system in the food supply chain.

Obtaining FSSC 22000 includes:
✓ Food safety management system in accordance with ISO 22000
✓ Prerequisite programs specified in ISO / TS 22002-1 / PAS 220 for food.



BioOperations LLP is certified by United States Food and Drug Administration (FDA).

FDA's export certification provides the agency's official attestation concerning a product's regulatory or marketing status, based on available information at the time FDA issues the certificate (including, as appropriate, attestations provided by the person seeking the certificate).



Wheat Gluten

Existing Brand:
BioOperations Wheat vital gluten

Existing Markets: Russia, Ukraine, Belarus, USA, India, Turkey.

Target client:

Client's sector/products:

- ✓ Manufacturers of wheat flour and noodles, bakeries;
- ✓ Animal and fish feed producing facilities.

Client feature:

Manufacturers, traders of food ingredients and trading houses.

Geographic Feature:

Xinjiang province is priority, Gansu and Central China region are considered.
These directions concerns due to optimal logistics costs.

Wheat vital gluten

HS code: 1109000000

- Indicative price: FCA Tayinsha 1300 USD/MT
- Packaging: 22.68 kg (50 lbs), 25 kg, 1 MT big bags.
- Shelf-life of the product is two years from the date of manufacturing.

In case of consideration the price and volumes can be discussed.

BioOperations LLP's wheat gluten is an environmentally friendly and modern product which is used to improve quality of flour - restore its protein composition and improve the characteristics of dough, and is also used as protein enrichment for the feed-stuff. It is made from organic wheat, grown in North Kazakhstan regions.



BioOperations LLP is planning to provide possibility to supply organic gluten, ensuring traceability in the production of raw materials without the use of pesticides, chemical fertilizers, growth stimulants and other agricultural chemistry.

Quality Specification:

Appearance: from creamy light to yellow or brown powder

Odour: proper to wheat gluten

Moisture: 10% max

Protein: 70%+ min (DS)

Ash: 2% max

Waterbinding capacity: 150% min

Packing: Craft bags of 25 kg and 50 lbs



Wheat vital gluten



Wheat starch

Existing Brand:
BioOperations LLP wheat starch

Existing Markets:
Russia, Ukraine, Belarus,
Central Asian countries

Client's sector/products:

- ✓ Manufacturers of carton and paper;
- ✓ Processing of meat (bratwurst, sausage);
- ✓ Textile industry;
- ✓ Production of glucose syrups;
- ✓ Starch noodles

Client feature:

Manufacturers, traders of food ingredients and trading houses.

Geographic Feature:

Xinjiang province is priority, Gansu and Central China region are considered.
These directions concerns due to optimal logistics costs.

Wheat starch

HS code: 1108110000

- Indicative price: FCA Tayinsha 350 USD/MT
- Packaging: 20 kg, 500 kg and 1 MT big bags.
- Shelf-life of the product is two years from the date of manufacturing.

In case of consideration the price and volumes can be discussed.

Wheat starch is a complex carbohydrate formed in plants and deposited by them as a reserve nutrient.

Wheat starch obtained from wheat, looks like a loose white or yellowish powder, consisting of fractions of small (from 2 to 10 microns) and large grains (from 20 to 35 microns). They have a flat elliptical or round shape with a peephole in the center. The ancestor of all starches is starch produced from wheat grain - wheat starch.

Quality Specification:

Appearance: Powdery product

Colour: white allowed graying-yellowish tint

Odour: peenliar to starch, without foreign smell

Moisture: 14% max

Protein: 0.3% max

Ash: 0.20% max



Wheat starch



Dry distillery grains with solubles

Existing Brand:

BioOperations LLP dry distillery grains with solubles

Existing Markets:

Internal market and Central-Asia region.

Client's sector/products:

Compound feed industry companies, huge farmhouses

Client feature:

Manufacturers, traders of food ingredients and trading houses.

Geographic Feature:

Xinjiang province is priority, Gansu and Central China region are considered. These directions concerns due to optimal logistics costs.

Dry distillery grains with solubles (DDGS)

Wheat bran

- Indicative price: FCA Tayinsha 150 USD
- Packaging size: 25 kg polypropylene bags and big bags 500 kg
- Shelf-life is 6 month from the date of manufacturing

Dried distillers grains with solubles (DDGS) is WDG that has been dried with the concentrated thin stillage to 10–12% moisture.

The DDGS is the most valuable additive to animal feed with the high percentage of protein. Its usually used in agroindustry as the main supplement to animal feed.

Dry distillery grains with solubles (DDGS)

HS code: 2303300000

Quality Specification:

Protein on DS basis: 28,0 % min

Fraction of protein: 16 % min

Proportion of crude fiber: 2% min

Carbohydrates: 22 % min

Fat: 6,0 %

Energetic value in 100 g: 215 kJ/0,999 MJ



Wheat bran

HS code: 2302309000

Quality Specification:

Moisture: 15% max

Metal-magnetic impurities particles up to 2 mm for 1 kg, mg – not more than 5mg

At the same time impurities particles from 0,5 to 2 mm – not more than 1,5 mg



Wheat

Existing Brand:
BioOperations LLP wheat

Existing Markets:
Internal market and Central Asian region.

Client's sector/products:
Manufacturers of wheat flour;
Compound feed industry companies;
Chicken farms.

Client feature:
Manufacturers of wheat flour, traders and food-stuff corporations.

Geographic Feature:
Xinjiang province is priority, Gansu and Central China region are considered.
These directions concerns due to optimal logistics costs.

- Indicative price: FCA Tayinsha – 220 – 300 USD per MT depending on wheat grade
- Packaging size: big bags and loosely packaged
- Shelf-life: -

HS code: 1001990000
3rd grade

Quality Specification:
Protein : from 23 and above %
Moisture: 14% max
Nature: 730 min
Ash: no more than 2 %
Grain admixture: 5 % max
Falling number: 200 min

HS code: 1001990000
4th grade

Quality Specification:
Protein : from 18 to 22 %
Moisture: 14% max
Nature: 710 min
Ash: no more than 2 %
Grain admixture: 5 % max
Falling number: 100 min

The facility has its own elevator, special storage capacity 200 000 MT.

