



**DMITROV
PROTEIN PLANT,
RUSSIA**

www.dbc-rus.com



OUR MISSION

- Creation of a highly competitive domestic innovative production of functional proteins for meat processing industry and other food sectors.
- Improving the quality and availability of food, human well-being.

Company goals:

- Leadership position in Russian market of animal proteins production.
- Development and improvement of technologies for producing of high-functional food ingredients with unique properties.
- Development of technologies to maximize the functional and technological properties of animal protein.
- Rising of export scale of high-tech products for the food industry.

WE ARE GROUP OF COMPANIES



DMITROV PROTEIN PLANT

RUSSIAN PRODUCER ON THE MARKET SINCE 2015

HIGH-FUNCTIONAL COLLAGEN PROTEINS
FOR MEAT APPLICATIONS:



PROBELKON 99
PORK COLLAGEN PROTEIN

- Injected products
- Emulsified products
- Reformed products
- Cooked salami
- Semi-finished products
- Meat granules of whole muscle products

WWW.DBC-RUS.COM



BELKOZIN COLLAGEN CASINGS

**COLLAGEN
SAUSAGE
CASINGS**

**COLLAGEN
FRANKFURTER
SAUSAGE
CASINGS**

WWW.BELKOZIN.COM



SLAVA POLYAMIDE CASINGS, FILMS, SHRINK BAGS

Polyamide barrier casing

Polyamide permeable casing

Polyamide Frankfurter casing

Universal films for flexible packing

Top and bottom films

for thermoforming equipment

Vacuum bags

Shrink bags

WWW.NPOSLAVA.COM



CERTIFICATIONS:

DMITROV PROTEIN PLANT

CERTIFICATE



This is to certify that the food safety management system of the company

DBK, LLC

141801 Poddubky village, hse. 49
Dmitrov district
Moscow region
Russian Federation

has been assessed and determined to comply with the requirements of

Food Safety System Certification (FSSC) 22000 (Version 4.1)

Certification scheme for food safety management systems consisting of the following elements:
ISO 22000:2005, ISO/TS 22002-1:2009 and Additional FSSC 22000 requirements
(Version 4.1).

This certificate is applicable for the scope of:
Production of edible protein, protein complexes, edible fat

Category: K

Date of initial certification	2017-10-05
Certification decision	2018-09-24
Date of audit	2018-08-31
(Re)issuing date	2018-09-24
This certificate is valid until	2020-10-04
Registration no.	31100935 FSSC V4
Frankfurt am Main	2018-09-24



DQS CFS GmbH
German Association for Sustainability

Dr. Sied Sadek
Managing Director

Accredited Body: DQS CFS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main, Germany

Validity of this certificate can be verified in the FSSC 22000 database of certified organizations available on www.fssc22000.com

✓ FSSC 22000 by DQS CFS GmbH,
Germany since 2017

✓ STANDARTS:
ISO 90001-2011
ISO 22000
HACCP

✓ EURO NUMBER





DBC IN NUMBERS

- 2015 – start-up of DBC production plant
- 2018 – started to export to Europe
- 60 km – distance from Moscow city
- 85% share of Russian market
- 93 employee



PRODUCTION CAPACITY:

- ✓ 5200 tons of animal pork protein (for domestic and export markets)
- ✓ 5500 tons of animal pork fat (for domestic market)



OUR PRODUCTS:

HIGH-FUNCTIONAL COLLAGEN PROTEIN:



- **PROBELKON 99 –
PORK COLLAGEN PROTEIN**



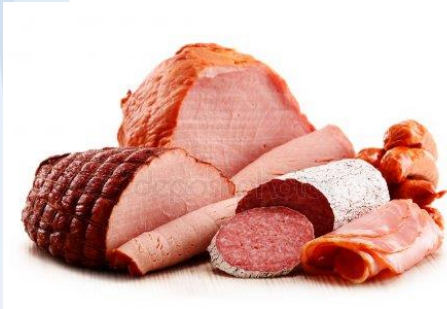
- **PORK FAT (for domestic market)**





APPLICATION FIELD:

FOR MEAT APPLICATIONS



PROBELKON 99

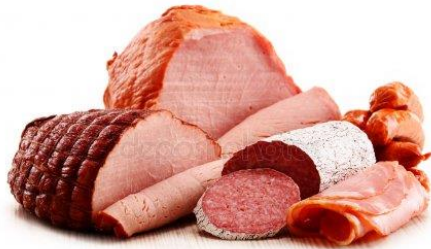
- Emulsified products
- Injected and reformed products
- Cooked salami
- Meat granules of whole muscle products





PRODUCT DATA:

PROBELKON 99



- **USE IN MEAT APPLICATIONS**
- **Processed product**
- **Made form frozen pork collagen (skin)**
- **Production is under ~ 100°C temperature treatment**

- **CODE HS 3504009000**

Peptones and their derivatives; other protein substances and their derivatives, not elsewhere specified or included; hide powder, whether or not chromed

- **Package – paper bags per 25 kg**
- **Veterinary controlled product**



HIGH-FUNCTIONAL COLLAGEN PROTEIN

Parameters	Probelkon 99
Protein content	92%-97%
Collagen (hydroxyproline * 8.07), min	70%
Moisture, max	5%
Fat content, not more	4%
Composition	Concentrate of connective tissue protein
Water binding capacity (protein:water)	1 : (10÷20) granules 1:7-13
Dosage	0,2 - 2,0% in the final product
Application field	<ul style="list-style-type: none">• emulsified products• Injected and reformed products• cooked salami• meat granules of whole muscle products



Made 100% from pork skin

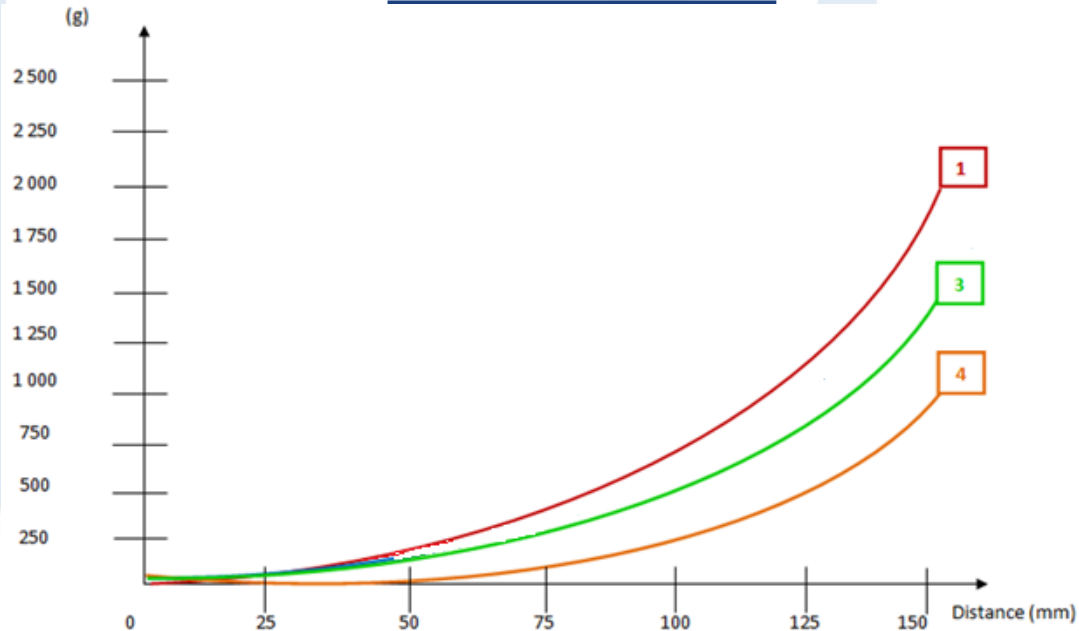
**Protein : water ratio
1:10-20**

**For comparison
soya protein : water
1:4**



HIGH-FUNCTIONAL COLLAGEN PROTEINS

GEL POWER



Probelkon 99

Other producer

Other producer

	Gel power, g/cm ³	Protein content, %
Probelkon 99	2100	92-97
Other producer	1450	94-98
Other producer	1000	80



PORK PROTEIN vs SOYA PROTEIN

Advantages of pork protein:

1. Cost-in-use
2. Elasticity of the finished product increases
3. Taste characteristics are improved
4. The structure of the finished product improves
5. Functionality
6. Improved texture and consistency
7. Increased yield
8. Reduced purge
9. Improved juiciness
10. Emulsifying properties
11. Reduced formulation cost
12. Increased yield
13. Reduced drying time
14. Less waste due to improved sliceability
15. 100 % natural origin
16. Non-GMO
17. No known allergens
18. No E–numbers

Pork Protein : water

1:10-20

Soya protein : water

1:4



EXPORT SALES

DBC export history:

- Year 2017 - receiving of Euro-number and permission of the European Commission for export to the EU.
- Year 2017 – receiving of export permission to CIS countries.
 - ✓ Export share raised up to 10%
- Year 2018- confirmation of Euro-number and start sales to:
 - ✓ Austria ✓ Latvia ✓ Poland
 - ✓ Poland ✓ Lithuania ✓ Bulgaria
 - ✓ Spain ✓ Estonia ✓ Hungary
 - ✓ Italy ✓ Romania ✓ Slovakia
- Year 2019 – passed Veterinary audit for the future export approval **to China, Thailand, Vietnam, Philippines, Colombia.**
- **Year 2020** – plan to develop Latin America and Asian countries.



MAP OF SALES



- Testing samples/registration process
- Constant export orders

HIGH FUNCTIONAL COLLAGEN PROTEINS



QUALITY CONTROL



The quality of our products is guaranteed:

- Constant input control of raw material
- Mandatory output control of each batch of the goods
- Reservation of the arbitration samples of each lot of product throughout the year



High level of veterinary control



Non-GMO



Hypoallergenic product



No E-numbers



WELCOME TO OUR PROTEIN PLANT IN RUSSIA !



DBK LLC

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