REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ А 343

Sofia, 13.09.2024

Pursuant to Art.10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies, in connection with item 4.3.8. f) of the BAS QR 2 Accreditation Procedure report reg. № 479/161 ЛИ/7/В/21.06.2024 and EA BAS order reg. № А 342/13.09.2024, I hereby

AMEND

Accreditation certificate reg. № 161 ЛИ/08.09.2023
and its enclosure, EA BAS order reg. № А 381/08.09.2023

CENTRAL VETERINARY LABORATORY EOOD
CENTRAL VETERINARY LABORATORY - SOFIA

Management and laboratory address:
1331 Sofia, Lyulin District, Republika Residential Quarter, 7 Shosse Bankya, Floor 7

To perform testing of:

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	2	3	4
I.	**Animal materials - blood, blood serum, bloody fluids, organ homogenates, stool samples - large ruminants, small ruminants, pigs, horses, dogs, wild animals, fish**		
1.	Blood samples from small ruminants, large ruminants, Pigs	1.1 Detection of antibodies against Brucelosis (Brucella melitensis, Brucella abortus, Brucella suls)	WOAH Manual of Diagnostic tests, Ros – Bengal Test
		1.2 Detection of antibodies against Brucelosis (Brucella melitensis, Brucella abortus)	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		1.3 Detection of antibodies against Brucelosis (Brucella melitensis, Brucella abortus, Brucella suls)	WOAH Manual of Diagnostic tests, Complement Fixation Test /CFT/
2.	Blood samples from small ruminants	2.1 Detection of antibodies against infectious epididymitis in rams /Brucella ovis/	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		2.2 Detection of antibodies against Maedi-Visna-Virus in sheep and arthritis encephalitis in goats	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)

52 A "Dr. G. M. Dimitrov" Blvd. 1797 Sofia Bulgaria
phone: +359 2 9766 401; fax: +359 2 873 53 02
e-mail: office@nab-bas.bg; web: www.nab-bas.bg

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	2	3	4
		2.3 Detection of antibodies against rinderpest in small ruminants	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		2.4 Detection of antibodies against the bluetongue virus	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		2.5 Detection of antibodies against infectious epididymitis in rams /Brucella ovis/	WOAH Manual of Diagnostic tests, Complement Fixation Test /CFT/
3.	Blood samples from large ruminants	3.1 Detection of antibodies against leukosis	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		3.2 Detection of antibodies against herpes virus causing infectious rhinotracheitis/ pustular vulvovaginitis	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
4.	Blood samples from large ruminants, small ruminants, pigs, horses, dogs	4.1 Detection of antibodies against Leptospira spp.	WOAH Manual of Diagnostic tests, Microscopic Agglutination Test (MAT)
5.	Milk samples from large ruminants	5.1 Detection of antibodies against Brucelosis	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		5.2 Detection of antibodies against enzootic leukosis	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
6.	Blood samples, tissue samples, nasal secretions from large ruminants	6.1 Detection of mucosal disease/viral diarrhea antigen	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
7.	Animal stool and Environmentally specific samples from the primary production stage	7.1 Detection of Salmonella spp.	БДС EN ISO 6579-1/A1
8.	Organ, blood samples, ear, skin, wool of all types of animals	8.1 Isolating Bacillus anthracis	WOAH Manual of Diagnostic tests, Microbiological Method
		8.2 Detection of recipitationfor anthrax antigen	WOAH Manual of Diagnostic tests, Ascoli Test
9.	Blood samples from large ruminants and small ruminants	9.1 Detection of antibodies against nonstructured proteins of the foot-and-mouth disease virus (FMDV)	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		9.2 Detection of antibodies against Schmallenberg	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		9.3 Detection of antibodies against Coxiella burnetii	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	2	3	4
10.	Brain samples at the level of the obex from cattle, buffalo, deer, sheep and goats	10.1 Detection of prion proteins of transmissive spongiform encephalopathy	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
11.	Blood samples - domestic pigs - wild pigs - East-Balkan pigs	11.1 Detection of antibodies against classical pig plague	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		11.2 Detection of antibodies against African pig plague	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
12.	Muscles of domestic, wild pigs, equids	12.1 Detection of larvae of Trichinella spp.	БДС EN ISO 18743/A1
13.	Blood samples from birds	13.1 Detection of antibodies against Influenza A virus in birds	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		13.2 Detection of Newcastle virus in birds	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
14.	Blood samples from equids	14.1 Detection of antibodies against infectious anemia in horses	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		14.2 Detection of antibodies against Theileria equi	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
15.	Organ homogenates from trout fish	15.1 Detection of viral antigen of Viral Hemorrhagic Septicemia (VHS)	WOAH Manual of Diagnostic Tests for Aquatic Animals, Enzyme-Linked Immunosorbent Assay (ELISA)
		15.2 Detection of viral antigen of Infectious Hemopoetic Necrosis (IHN)	WOAH Manual of Diagnostic Tests, Enzyme-Linked Immunosorbent Assay (ELISA)
		15.3 Detection of viral antigen of Infectious Pancreatic Necrosis (IPN)	WOAH Manual of Diagnostic Tests for Aquatic Animals, Enzyme-Linked Immunosorbent Assay (ELISA)
		15.4 Detection of genome of Infectious Salmon Anemia Virus (ISAV)	WOAH Manual of Diagnostic Tests for Aquatic Animals, Reverse Transcription Polymerase Chain Reaction (RT PCR)
		15.5 Detection of viral antigen of Epizootic Hematopoietic Necrosis Virus (EHNV)	WOAH Manual of Diagnostic Tests for Aquatic Animals, One-Step Polymerase Chain Reaction (PCR)
16.	Organ homogenates from carp fish	16.1 Detection of viral antigen of Spring Viremia of Carp (SVC)	WOAH Manual of Diagnostic Tests for Aquatic Animals, Enzyme-Linked Immunosorbent Assay (ELISA))
		16.2 Detection of Koi herpesvirus (KHV) of Carp	WOAH Manual of Diagnostic Tests for Aquatic Animals, One-Step Polymerase Chain Reaction (PCR)

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	2	3	4
II. Food, feed, water and excerpts			
17.	Milk and milk products	17.1 Fats	БДС ISO 19662 ISO 3433
		17.2 Freezing point	БДС EN ISO 5764
		17.3 Common titrable acidity - By Turner - By Ketschorferer	БДС 1111
		17.4 Water content (dry matter)	БДС 1109
		17.5 Sodium chloride content	БДС 8274, cl.5
		17.6 Sugar	БДС 6191
		17.7 Oil content in dry matter	ВЛМ № 1:2020
		17.8 Ash content	БДС 6154
		17.9 Protein content	БДС EN ISO 8968-1
		17.10 Energy value	Regulation (EU) № 1169/2011
		17.11 Carbohydrates	ВЛМ № 2:2020
		17.12 Total number of somatic cells	БДС EN ISO 13366-1
		17.13 Inhibiting substances / inhibitors/	БДС 6688
		17.14 Total number of microorganisms	БДС EN ISO 4833-1
		17.15 Salmonella	БДС EN ISO 6579-1/A1
		17.16 Coagulase positive staphylococci (CoPS)	БДС EN ISO 6888-1 БДС EN ISO 6888-3+AC
		17.17 Listeria monocitogens	БДС EN ISO 11290-1 БДС EN ISO 11290-2
		17.18 Coliforms	ISO 4832
		17.19 Beta glucuronidase-positive Escherichia coli	БДС ISO 16649-2 БДС EN ISO 16649-3
		17.20 Enterobacteria	БДС EN ISO 21528-2
		17.21 Yeasts and/or moulds	БДС ISO 6611
		17.22 Lactobacillus bulgaricus	БДС ISO 7889
		17.23 Streptococcus thermophilus	БДС ISO 7889
		17.24 Bacillus cereus	БДС EN ISO 7932
		17.25. Inhibiting substances / inhibitors/	Delvotest SP NT
18.	Meat and meat products	18.1 Water content	БДС 5712
		18.2 Protein content	БДС 9374, cl.2
		18.3 Fats content	БДС 8549, cl.3
		18.4 Chlorides content	БДС 7168, cl.4
		18.5 Nitrites	БДС EN 12014-3
		18.6 pH value petentiometric	БДС 1323, cl.2.3.1
		18.7 Sample for ammonia by Nessler	БДС 1323, cl.2.3.5
		18.8 Hydrogen sulfide sample	БДС 1323, cl.2.3.8

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	2	3	4
		18.9 Sample by copper sulfate reagent	БДС 1323, cl.2.3.9
		18.10 Ash content	БДС 9373
		18.11 Energy value	Regulation (EU) № 1169/2011
		18.12 Carbohydrates	ВЛМ № 2:2020
		18.13 Total number of microorganisms	БДС EN ISO 4833-1
		18.14 Salmonella	БДС EN ISO 6579-1/A1
		18.15 Coagulase positive staphylococci (CoPS)	БДС EN ISO 6888-1 БДС EN ISO 6888-3+AC
		18.16 Listeria monocitogens	БДС EN ISO 11290-1 БДС EN ISO 11290-2
		18.17 Beta – glucuronidase - positive Escherichia coli	БДС ISO 16649-2 БДС EN ISO 16649-3
		18.18 Coliforms	ISO 4832
		18.19 Enterobacteria	БДС EN ISO 21528-2
		18.20 Yeats and/or moulds	БДС EN ISO 21527-1 БДС EN ISO 21527-2
		18.21 Bacillus cereus	БДС EN ISO 7932
19.	Fish and fish products	19.1 Chlorides content	БДС 7168 cl.4
		19.2 Fats content	БДС 8549,cl.3
		19.3 Water content	БДС 5712
		19.4 Protein content	БДС 9374,cl.2
		19.5 Total acidity	БДС 9368, cl.4.1,cl.4.2, cl.5.1
		19.6 Graininess of fats in muscles	БДС 9368, cl.1.13
		19.7 Sample for hydrogen sulfide	БДС 9368, cl.1.9
		19.8 Energy value	Regulation (EU) № 1169/2011
		19.9 Carbohydrates	ВЛМ № 2:2020
		19.10 Ash content	БДС 9373
		19.11 Total number of microorganisms	БДС EN ISO 4833-1
		19.12 Salmonella	БДС EN ISO 6579-1/A1
		19.13 Coagulase positive staphylococci (CoPS)	БДС EN ISO 6888-1 БДС EN ISO 6888-3+AC
		19.14 Enterobacteria	БДС EN ISO 21528-2
		19.15 Coliforms	ISO 4832
		19.16 Listeria monocitogens	БДС EN ISO 11290-1 БДС EN ISO 11290-2
		19.17 Beta glucuronidase-positive Escherichia coli	БДС ISO 16649-2 БДС EN ISO 16649-3
		19.18 Yeats and/or moulds	БДС ISO 21 527-1 БДС ISO 21 527-2
		19.19 Bacillus cereus	БДС EN ISO 7932
20.	Canned, sterilized and pasteurized meat,	20.1 Chlorides content	БДС 7168, cl. 4 (1) (2) (3)
		20.2 Water content	БДС 15437 (1) (2) (3) БДС 5712 (1)

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	2	3	4
	meat/vegetable (1), fish/vegetable (2), vegetable products (3)	20.3 Fats content	БДС 6997 (1)(2) (3) БДС 8549 cl.3 (1)
		20.4 Kjeldahl protein	БДС 15438 (1) (2) БДС 14431 (3)
		20.5 Titrable acidity	БДС 6996, cl.4 (1) (2) (3) БДС 9368,cl.4.1,cl.4.2,cl.5.1 (2)
		20.6 Thermostatic sample	БДС 1035 cl.5.2 (1) (2) (3)
		20.7 Sugar	БДС 7169 (3)
		20.8 Fibers	БДС ISO 5498 (1) (2) (3)
		20.9 Active acidity	БДС 11688 (1) (2) (3)
		20.10 Energy value	Regulation (EU) № 1169 /2011 (1) (2) (3)
		20.11 Carbohydrates	ВЛМ № 2:2020(1)(2) (3)
		20.12 Ash content	БДС 9373 (1) (2) БДС 7646, cl.6.1 (3)
21.	Food ready for consumption	21.1 Water content	БДС 15437 БДС 5712
		21.2 Chlorides content	БДС 7168, cl.4
		21.3 Protein content by Kjedahl	БДС 15438
		21.4 Fats content	БДС 8549, cl.3
		21.5 Titrable acidity	БДС 6996, cl.4
		21.6 Ash content	БДС 6154, БДС 9373 БДС 7646, cl.6.1
		21.7 Fibers	БДС ISO 5498
		21.8 Carbohydrates	ВЛМ № 2:2020
		21.9 Energy value	Regulation (EU) № 1169/2011
		21.10 Salmonella	БДС EN ISO 6579-1/A1
		21.11 Coagulase positive staphylococci (CoPS)	БДС EN ISO 6888-1 БДС EN ISO 6888-3+AC
		21.12 Enterobacteria	БДС EN ISO 21528-2
		21.13 Coliforms	ISO 4832
		21.14 Listeria monocitogens	БДС EN ISO 11290-1 БДС EN ISO 11290-2
		21.15 Beta glucuronidase-positive Escherichia coli	БДС ISO 16649-2 БДС EN ISO 16649-3
		21.16 Yeats and/or moulds	БДС ISO 21 527-1 БДС ISO 21 527-2
		21.17 Total number of microorganisms	БДС EN ISO 4833-1
		21.18 Bacillus cereus	БДС EN ISO 7932
22.	Eggs and egg products	22.1 Active acidity pH	БДС 4336, cl.10.7
		22.2 Water content/dry matter	БДС 4336, cl.10.3
		22.3 Fats	БДС 4336, cl.10.5
		22.4 Total number of microorganisms	БДС EN ISO 4833-1
		22.5 Salmonella	БДС EN ISO 6579-1/A1
		22.6 Coagulase positive	БДС EN ISO 6888-1

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	2	3	4
		staphylococci (CoPS)	БДС EN ISO 6888-2 БДС EN ISO 6888-3+AC
		22.7 Enterobacteria	БДС EN ISO 21528-2
		22.8 Listeria monocitogens	БДС EN ISO 11290-1, БДС EN ISO 11290-2
		22.9 Beta glucuronidase-positive Escherichia coli	БДС ISO 16649-2 БДС EN ISO 16649-3
		22.10 Yeats and/or moulds	БДС ISO 21 527-1 БДС ISO 21 527-2
		22.11 Coliforms	ISO 4832
		22.12 Bacillus cereus	БДС EN ISO 7932
23.	Surface samples (excerpts)	23.1 Coliforms	ISO 4832
		23.2 Salmonella	БДС EN ISO 6579-1/A1
		23.3 Total number of microorganisms	БДС EN ISO 4833-1
		23.4 Listeria monocitogens	БДС EN ISO 11290-1
		23.5 Beta – glucuronidase - positive Escherichia coli	БДС ISO 16649-2 БДС EN ISO 16649-3
		23.6 Enterobacteria	БДС EN ISO 21528-2
		23.7 Bacillus cereus	БДС EN ISO 7932
24.	Feed	24.1 Salmonella	БДС EN ISO 6579-1/A1
25.	Animal and vegetable fats and oils	25.1 Water and volatile substances	БДС EN ISO 662
		25.2 Acidity	БДС EN ISO 660
		25.3 Peroxide number	БДС EN ISO 3960
26.	Drinking water	26.1 Total number of microorganisms	БДС EN ISO 6222
		26.2 Coliforms 26.3 Escherichia coli	БДС EN ISO 9308-1/A1
		26.4 Enterococci	БДС EN ISO 7899-2

Flexible scope: *Implementing a new version of standards/documents or standards/ documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by laboratory.*

Reference:

1.Regulation (EU) № 1169/2011 Regulation for provision of food information to consumers.
2. WOAH — World Organization for Animal Health — Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, twelfth edition 2023.
3. WOAH — World Organization for Animal Health — Manual of Diagnostic Tests for Aquatic Animals, tenth edition 2023.

Fixed scope reference:

1. ВЛМ № 1:2020 Method for determination of oil content in dry matter
2. ВЛМ № 2:2020 Method for determination of carbohydrates

I ORDER

To issue the certificate of accreditation reg. № 161 ЛИ/13.09.2024 valid until 20.07.2027 and this order as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the manager/ representative of Central veterinary laboratory EOOD, the head of the Central veterinary laboratory – Sofia, at Central veterinary laboratory EOOD, or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, the accredited person is obliged to return to EA BAS the originals of the certificate of accreditation reg. № 161 ЛИ/08.09.2023, valid untill 20.07.2027 and its enclosure EA BAS order reg. № А 381/08.09.2023.

This order shall be notified to Central veterinary laboratory EOOD within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

