REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 232

Sofia, 14.07.2025

Pursuant to Art. 10, para. 1, items 3 and 4, Art. 28, para. 1, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, items 6 and 7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 446/216 ЛИ/ПА/РО/25.10.2024, assessment reports reg. № 446/216 ЛИ/5/В/15.04.2025, reg. № 446/216 ЛИ/10/В/16.06.2025 and statement of the Accreditation Commission reg. № 446/216 ЛИ/ПА/РО/11/В/10.07.2025, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

OF

REGIONAL HEALTH INSPECTORATE, KARDZHALI

CROSS-BORDER RESEARCH CENTER ENVIRONMENT AND HEALTH

Management and laboratory address:
6600 Kardzhali, 2, Gen. Vladimir Stoychev Str.

To perform testing of:

Type of the scope: *flexible for a part of the scope*			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
I. WATER			
	Water: potable water (1), surface water, intended for drinking and domestic water supply (2), mineral water (natural and carbonated), spring, table (3), running surface water (4), bathing water (5), swimming-pool water (6), waste water (7), groundwater (8), water for fish farming (9)	1. Iron	БДС EN ISO 11885 (1,3,6,7,8)
		2. Manganese	БДС EN ISO 11885 (1,2,3,4,6,8)
		3. Aluminum	БДС EN ISO 11885(1,3,8)
		4. Selenium	БДС EN ISO 11885 (1,3,4,7,8)
		5. Cobalt	БДС EN ISO 11885 (7)
		6. Bromides	БДС EN ISO 10304-1 (1)
		7. Fluorides	БДС EN ISO 10304-1 (1,3,8)
		8. Sodium	БДС EN ISO 11885 (1,3,7,8) БДС EN ISO 14911 (1,3,7)
		9. Total dry residue	БДС 17.1.4.04 (7)

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Type of the scope: *flexible for a part of the scope*			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		10. Antimony	БДС EN ISO 11885 (1,3,7,8)
		11. Nitrates / Nitrate nitrogen	БДС EN ISO 10304-1 (1,2,3,4,5,7,8)
		12. Nitrites / Nitrite nitrogen	БДС EN ISO 10304-1 (1,2,3,6,8,9)
		13. Residual chlorine	БДС 3560 (1,6)
		14. Active reaction / pH	БДС EN ISO 10523 (1,2,3,4,5,6,7,8,9)
		15. Ammonia / Ammonium / Ammonium nitrogen	БДС EN ISO 14911 (1,2,3,4,5,6,7,8,9)
		16. Color	БДС EN ISO 7887 Method D, cl. 7 (1,2,3,4,5,6, 8)
		17. Odor	БДС 8451 (1,2,3,4,6,8)
		18. Taste	БДС 8451 (1)
		19. Temperature	БДС 17.1.4.01 (7)
		20. Electrical conductivity	БДС EN 27888 (1,2,3,4,7,8)
		21. Calcium	БДС ISO 6058 (1,3,7) БДС EN ISO 14911 (1,3,7)
		22. Magnesium	БДС EN ISO 14911 (1,3,7)
		23. Total hardness (sum of calcium and magnesium)	БДС ISO 6059 (1,3,7,8)
		24. Permanganate index /permanganate oxidizability	БДС EN ISO 8467 (1,3,6,7, 8)
		25 Phosphates / Phosphates such as phosphorus	БДС EN ISO 10304-1 (1,2,3,4,5,7,8)
		26. Sulfates	БДС EN ISO 10304-1 (1,2,3,4,8)
		27. Chlorides	БДС EN ISO 10304-1 (1,2, 3,4,8)
		28. Cyanides	БДС 17.1.4.14 (2,7,8)
		29. Kjeldahl Nitrogen	БДС EN 25663 (2,4,5,7)
		30. Dissolved oxygen	БДС EN ISO 5814 (4,5,8,9)
		31. Undissolved substances	БДС 17.1.4.04 (4,7,8,9)
		32. Copper	БДС EN ISO 11885 (1,2,3,4,8,9)
		33. Zinc	БДС EN ISO 11885 (1,2,3,4,7,8,9)
		34. Lead	БДС EN ISO 11885 (1,2,3,4,7,8,9)
		35. Cadmium	БДС EN ISO 11885 (1,2,3,4,7,8,9)
		36. Mercury	БДС EN ISO 12846 cl. 7 (1,2,4,5)
		37. Arsenic	БДС ISO 17378-2 (1,2,4,5) БДС EN ISO 11885 (1,2,3, 7,8,9)
		38. Nickel	БДС EN ISO 11885 (1,2,3,4,7,8)
		39. Potassium	БДС EN ISO 14911 (3)
		40. Chromium	БДС EN ISO 11885 (1,2,3,4,5,7, 8) БДС 17.1.4.17 (2,4,5,7,8)
		41. Hexavalent chromium	БДС 7212 (1)

Type of the scope: *flexible for a part of the scope*			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
			БДС 17.1.4.17 (2,4,5,7,8)
		42. Trivalent chromium	БДС 17.1.4.17 (2,4,5,7,8)
		43. Escherichia coli	БДС EN ISO 9308-1 / A1 (1,2,3) БДС EN ISO 9308-3 / AC (2,4,5,9)
		44. Coliforms	БДС EN ISO 9308-1 / A1 (1,2,3)
		45. Enterococci	БДС EN ISO 7899-2 (1,2,3) БДС EN ISO 7899-1/AC: 2001 (2,4,5,9)
		46. Sulfite-reducing clostridia / Clostridium perfringens	БДС EN 26461-2 (1,3) БДС EN ISO 14189 (1,3)
		47. Number of colonies/ Microbial count at 22 °C / at 37 °C	БДС EN ISO 6222 (1,3)
		48 Number of colonies / Microbial count at 22 °C / at 37 °C	БДС EN ISO 6222 (1,3)
		49. Salmonella species	БДС EN ISO 19250 (2,4,5,9)
		50. Fecal coliforms	БДС EN ISO 9308-1 / A1 (2)
		51. Pseudomonas aeruginosa	БДС EN ISO 16266 (3)
		52. Intestinal enterococci	БДС EN ISO 7899-1 / AC (2,4,5,9) БДС EN ISO 7899-2 (2)
		53. Total coli titer	БДС 17335 cl. 7 (6)
		54. Escherichia coli titer	БДС 17335 cl. 7 (6)
		55. Staphylococcal titer	БДС 17335 cl. 9 (6)
		56. Enterococcal titer	БДС 17335 cl. 8 (6)
		57. Microbial number	БДС 17335 cl. 6 (6)
		58. Legionella	БДС EN ISO 11731 (1)
		59. Bromates	БДС EN ISO 15061 (1, 3)
		60. Boron	БДС EN ISO 11885 (1,3,8)
		61. Turbidity	БДС EN ISO 7027-1 (1, 3)
II.	Cosmetic products	1. Lead	VLM 01/2017
		2. Cadmium	VLM 01/2017
		3. Aerobic mesophilic bacteria / Yeast and molds	БДС EN ISO 21149 БДС EN ISO 16212
		4. Escherichia coli	БДС EN ISO 21150
		5. Staphylococcus aureus	БДС EN ISO 22718
		6. Pseudomonas aeruginosa	БДС EN ISO 22717
		7. Candida albicans	БДС EN ISO 18416
		8. Hydrogen peroxide	Ordinance № 14 of the Ministry of Health, SG № 68/2014, Annex 2, item VIII, B
		9. Thioglycolic acid/ mercaptoacetic acid	Ordinance № 14 of the Ministry of Health, SG № 68/2014, Annex 2, item XVIII, 5.1
III.	Products in direct contact with the human body	Nickel	БДС EN 1811

2. Microbiological testing of food:

Type of the scope: *flexible for a part of the scope*			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
Milk and dairy products (1) Meat and meat products (2) Fish and other seafood and fish products (3) Eggs (4.1) and egg products (4.2) Vegetable (5.1) and animal oils and fats (5.2) Grain and cereal products (flour, starch, bakery products and pasta) (6) Baker's yeast (7) Fruit (8.1) and vegetables, products resulting from their processing (8.3) Soups: dry soup mixes and broth powder (9.1), vegetable and meat-and-vegetable soups (9.2) Canned meat (10) Nuts (11.1) and oil seeds (11.2) Spices (12) Sugar (13.1), sugar products, confectionery and chocolate products (13.2) Soft drinks (soft drinks, carbonated drinking water) (14) Coffee (15.1), cocoa (15.2), tea (15.3) Purees for babies (16) Ready-to-eat foods (17)		1.1. Total number of micro-organisms	БДС EN ISO 4833-1/A1 (1)
		1.2. Coliforms	ISO 4832 (1), (5.1), (5.2), (13.2), (14)
		1.3. Salmonella species	БДС EN ISO 6579-1/A1 (1), (2), (3), (4.1), (4.2), (5.1), (5.2), (6), (7), (8.1), (8.2), (8.3), (9.1), (9.2), (11.1) (11.2), (12), (13.1), (13.2), (14), (15.1), (15.2), (15.3), (16), (17) БДС 12334 / Amd. 2 / (13.1), (13.2)
		1.4. Coagulase-positive staphylococci	БДС EN ISO 6888-2/A1 (1), (2), (4), (5.1), (5.2), (6), (7), (8.1), (8. 2), (8.3), (9.1), (9.2), (13.1), (13.2), (14), (15.1), (15.2), (15.3) (16), (17)
		1.5. Listeria monocytogenes	БДС EN ISO 11290-1 (1), (2), (3), (6), (8.1), (8.2), (8.3), (9.1), (9.2), (10), (11.1), (11.2), (16), (17) БДС EN ISO 11290-2: (1), (2), (3), (6), (8.1), (8.2), (8.3), (9.1), (9.2), (10), (11.1), (11.2), (16), (17)
		1.6. Molds and yeast	БДС ISO 21527-1 (1), (2), (5.1), (5.2), (8.1), (8.2), (8.3), (9.2), (10), (14), (17) БДС ISO 21527-2 (1), (2), (6), (8.3), (9.1), (9.2), (10), (11.1), (11.2), (13.2), (17)
		1.7. Escherichia coli	БДС ISO 16649-2 (2), (12)
		1.8. Mesophilic anaerobic microorganisms	БДС 6916 cl. 2.3 (8.3), (16) БДС 1035 cl. 5.9.2 (16)
		1.9. Mesophilic aerobic and facultative anaerobic microorganisms	БДС 6916 cl. 2.1 (8.3) БДС 1035 cl. 5.9.1 (10)
		1.10. Sulfite - reducing clostridia	ISO 15213-1 (12)

3. Pesticide content **

Type of the scope: *flexible for a part of the scope*			
№	**Tested Products**	**Type of Test/ Characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
I. Water			
Water: potable water (1), surface water, intended for drinking and		1.1. Organochlorine pesticides - Aldrin;	БДС EN ISO 6468 (1,4,5,7,8,9)

Type of the scope: *flexible for a part of the scope*			
№	**Tested Products**	**Type of Test/ Characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
domestic water supply (2), mineral water (natural and carbonated), spring, table (3), running surface water (4), bathing water (5), swimming-pool water (6), waste water (7), groundwater (8), water for fish farming (9)		- Dieldrin; - Endrin; - Heptachlor; - alpha-BHC; - beta-BHC; - gamma-BHC; - delta-BHC; - p,p'-DDD; - p,p'-DDT; - p,p'-DDE; - Endosulfan -I; - Endosulfan – II; - Endosulfan sulfate; - Endrin aldehyde; - Heptachlor epoxide; - Methoxychlor.	
		1.2. Organophosphorus pesticides - Dimethoate; - Disulfoton; - Methyl parathion; - Parathion; - Sulfotepp; - Thionazin; - Famphur; - Diazinon; - Chlorpyrifos ethyl.	БДС EN 12918 (1,4,5,7,8,9)

To perform sampling of:

Type of the scope: *flexible for a part of the scope*		
№	**Product**	**Sampling methods (standardized / validated method)**
1	2	3
1.	Ready-to-eat foods	Ordinance №2 /2024, Annex 2, to Art. 7, para 5, item 1
2.	Water: drinking water – water for domestic use from the public water supply network (1), mineral water (natural and carbonated), spring, table (2), swimming-pool water (3), waste water (4), groundwater (5)	БДС ISO 5667-5 (1) БДС ISO 5667-10 (4) БДС ISO 5667-11 (5) БДС 17335 (3) БДС EN ISO 19458 (1,2,5)

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 the laboratory.*

*** Within its competence the laboratory is authorized to evaluate all characteristics (column 3) of the respective group of products (column 2) in accordance with the identified test methods (column 4) after the performance of an inspection/verification and the procurement of CRM/RM and calibrated equipment. The laboratory maintains a detailed, date-indexed list of the products and characteristics of products listed within the scope of accreditation.*

** Repealed but not replaced with regard to the test method.*

Flexible scope references:
Ordinance № 2/2024 on the terms and conditions for sampling and laboratory testing of food, valid since 24.04.2024, issued by the Minister of Agriculture and Food, SG № 31/ 09.04.2024, Annex 2 to Art. 7, para. 5, item 1

Fixed scope references:
VLM 01/2017 (Validated Laboratory Method 01/2017): Determination of lead and cadmium content in cosmetic products by atomic absorption spectrometry

I ORDER

To issue the certificate of accreditation reg. № 216 ЛИ/14.07.2025, valid until 14.07.2029, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the Manager/ representative of the Regional Health Inspectorate, Kardzhali, the head of Cross-Border Research Center, Environment and Health, at Regional Health Inspectorate, Kardzhali, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the Cross-Border Research Center, Environment and Health, at Regional Health Inspectorate, Kardzhali, is obliged to return to EA BAS the originals of accreditation certificate reg. № 216 ЛИ/14.11.2022, valid until 14.07.2025 and its enclosure - EA BAS order, reg. № A 657/14.11.2022.

This order shall be notified to the Cross-Border Research Center, Environment and Health, at Regional Health Inspectorate, Kardzhali, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director
of Executive agency Bulgarian accreditation service