



ORDER

№ A 524

Sofia, 26.08.2022

Pursuant to Art. 10, para. 1, items 3 and 4, Art. 28, para. 1 and Art. 30 para. 1 of the Law on National Accreditation of Conformity Assessment Bodies and items 6 and 7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 84/245 ЛИ/ПА/РО/09.07.2021, assessment report reg. № 84/245 ЛИ/ПА/РО/10/В/28.07.2021, annex reg. № 84/245 ЛИ/ПА/РО/18/В/05.08.2022, and statement of the Accreditation Commission, reg. № 84/245 ЛИ/ПА/РО/20/В/19.08.2022, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

**of Regional health inspectorate - Veliko Tarnovo
Laboratory Testing Complex**

**Management and laboratory address:
5002 Veliko Tarnovo, 23, Nikola Gabrovski Str.**

To perform testing of:

Type of the scope: *flexible for part of the scope*

№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
I.	Foods: Cereals and cereal-bases foods ⁽¹⁾ Ready-to-eat-foods ⁽²⁾ ; Sugar, sugar and chocolate confectionary ⁽³⁾ Beer ⁽⁴⁾ ; Coffee, cocoa, tea ⁽⁵⁾	1. Total number of microorganisms (Total number of aerobic mesophilic and facultative anaerobic microorganisms) 2. Salmonella species 3. Coagulase positive staphylococci 4. Listeria monocytogenes 5. Coli forms 6. Coli titer 7: Moulds and yeasts 8. Escherichia coli	БДС EN ISO 4833-1 ^(1,2,3,4,5) БДС EN ISO 4833-2 ^(1,2,3,4,5) БДС EN ISO 6579-1 ^(1,2,3,4,5) БДС EN ISO 6888-1 ^(1,2,3,4,5) БДС EN ISO 11290-1 ^(1,2,3,4,5) ISO 4831, p.9.1 ^(1,2,3,4,5) ISO 4832 ^(1,2,3,4,5) БДС 10187, p.10 ⁽⁴⁾ БДС ISO 21527-1 ⁽⁴⁾ БДС ISO 21527-2 ^(1,2,3,5) БДС ISO 16649-2 ^(1,2,3,4,5)
II.	Bottled natural mineral, spring and table waters	1. Calcium and magnesium sum (total hardness) 2. Active reaction /pH/ 3. Oxidizability 4. Ammonium ions 5. Nitrites 6. Nitrates 7. Chlorides 8. Total phosphorus	БДС ISO 6059 БДС EN ISO 10523 БДС 3413 БДС 3587, p.2 БДС EN 26777 БДС 3758, p.1 БДС 3414 БДС EN ISO 6878, p.1

Type of the scope: flexible for part of the scope

№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
		(as phosphates)	
		9. Sulphates	БДС 3588
		10. Magnesium	ВЛМ 10/2021
		11. Calcium	БДС ISO 6058
		12. Iron	БДС 16777 БДС EN ISO 17294-2
		13. Manganese	БДС 16777 БДС EN ISO 17294-2
		14. Fluorine	БДС 16911, p.1
		15. Chromium	БДС EN1233 БДС EN ISO 15586 БДС EN ISO 17294-2
		16. Lead	БДС EN 16777 БДС EN ISO 15586 БДС EN ISO 17294-2
		17. Copper	БДС 16777 БДС EN ISO 17294-2
		18. Cadmium	БДС 16777 БДС EN ISO 15586 БДС EN ISO 17294-2
		19. Zinc	БДС 16777 БДС EN ISO 17294-2
		20. Nickel	БДС EN ISO 15586 БДС EN ISO 17294-2
		21. Aluminum	БДС 17261 БДС ISO 10566
		22. Cyanides	БДС 7214
		23. Sodium	БДС ISO 9964-3
		24. Selenium	ВЛМ 07/2015 БДС EN ISO 17294-2
		25. Arsenic	БДС ISO 17378-2 БДС EN ISO 17294-2
		26. Antimony	БДС ISO 17378-2 БДС EN ISO 17294-2
		27. Mercury	БДС EN ISO 12846 БДС EN ISO 17294-2
		28. Borates	БДС ISO 9390
		29. Specific electrical conductivity	БДС EN 27888
		30. Highly volatile hydrocarbons: chloroform; bromoform; dibromochloromethane; bromodichloromethane; 1,2-dichloroethane; tetrachloroethene; trichloroethane; benzene	ВЛМ 04/2012
		31. Pesticides *	ВЛМ 03/2012
		32. Polycyclic aromatic hydrocarbons: benzo(a)pyrene; benzo(b)fluoranthene; benzo(k)fluoranthene; indeno(1,2,3-cd) pyrene; benzo(g,h,i)perylene	БДС EN ISO 17993
		33. Escherichia coli	БДС EN ISO 9308-1/A1
		34. Coliform bacteria (coliforms)	БДС EN ISO 9308-1/A1

Type of the scope: flexible for part of the scope

№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
		35. Intestinal enterococci / faecal streptococci	БДС EN ISO 7899-2
		36. Spore-forming sulfite-reducing anaerobic bacteria (Clostridia)	БДС EN 26461-2
		37. Pseudomonas aeruginosa	БДС EN ISO 16266
III.	Waters drinking < ¹ >; surface, intended for human consumption and household needs < ² >; from swimming pools < ³ >;	1. Calcium and magnesium sum (total hardness)	БДС ISO 6059 ⁽¹⁾
		2. Active reaction /pH/	БДС EN ISO 10523 ⁽³⁾
		3. Oxidizability	БДС 3413 (1) БДС 17.1.4.16 ^(1,3)
		4. Ammonium ions / Ammonia	БДС 3587, p.2 ⁽¹⁾ БДС ISO 7150-1 ⁽³⁾
		5. Nitrites	БДС EN 26777 ^(1,3)
		6. Nitrates	БДС 3758, p.1 ⁽¹⁾
		7. Chlorides	БДС 3414 ⁽¹⁾
		8. Total phosphorus (as phosphates)	БДС EN ISO 6878, p.1 ⁽¹⁾
		9. Sulphates	БДС 3588 ⁽¹⁾
		10. Magnesium	ВЛМ 10/2021 ⁽¹⁾
		11. Calcium	БДС ISO 6058 ⁽¹⁾
		12. Iron	БДС ISO 6332, p. 1a ^(1,3) БДС 16777 (1) БДС EN ISO 17294-2 ⁽¹⁾
		13. Manganese	БДС ISO 6333 ^(1,3) БДС 16777 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		14. Fluorine	БДС 16911, p.1 ⁽¹⁾
		15. Chromium	БДС EN 1233 ⁽¹⁾ БДС EN ISO 15586 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		16. Lead	БДС 16777 ⁽¹⁾ БДС EN ISO 15586 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		17. Copper	БДС 16777 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		18. Cadmium	БДС 16777 ⁽¹⁾ БДС EN ISO 15586 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		19. Zinc	БДС 16777 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		20. Nickel	БДС EN ISO 15586 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		21. Aluminum	БДС 17261 ⁽¹⁾ БДС ISO 10566 ⁽¹⁾
		22. Cyanides	БДС 7214 ⁽¹⁾
		23. Sodium	БДС ISO 9964-3 ⁽¹⁾
		24. Selenium	ВЛМ 07/2015 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		25. Arsenic	БДС ISO 17378-2 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		26. Antimony	БДС ISO 17378-2 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		27. Mercury	БДС EN ISO 12846 ⁽¹⁾ БДС EN ISO 17294-2 ⁽¹⁾
		28. Borates	БДС ISO 9390 ⁽¹⁾

Type of the scope: <i>flexible for part of the scope</i>			
№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
		29. Specific electrical conductivity	БДС EN 27888 ⁽¹⁾
		30. Highly volatile hydrocarbons: chloroform; bromoform; dibromochloromethane; bromodichloromethane; 1,2-dichloroethane; tetrachloroethene; trichloroethane; benzene	ВЛМ 04/2012 ⁽¹⁾
		31. Pesticides *	ВЛМ 03/2012 ⁽¹⁾
		32. Polycyclic aromatic hydrocarbons: benzo(a)pyrene; benzo(b)fluoranthene; benzo(k)fluoranthene; indeno(1,2,3-cd) pyrene; benzo(q,h,i)perylene	БДС EN ISO 17993 ⁽¹⁾
		33. Natural uranium	БДС EN ISO 17294-2 ⁽¹⁾
		34. Escherichia coli	БДС EN ISO 9308-1/A1 ^(1,2)
		35. Coliform bacteria (coliforms)	БДС EN ISO 9308-1/A1 ^(1,2)
		36. Intestinal enterococci / faecal streptococci	БДС EN ISO 7899-2 ⁽²⁾
		37. Number of colonies of viable microorganisms (microbial number) at 22/37°C	БДС EN ISO 6222 ⁽¹⁾ БДС 17335 ⁽³⁾
		38. Clostridium perfringens	БДС EN ISO 14189 ⁽¹⁾
		39. Coli titer	БДС 17336 ⁽¹⁾
		40. Coliforms / Total coli titer	БДС 17335 ⁽³⁾
		41. Faecal coliforms / Escherichia coli titer	БДС 17335 ⁽³⁾
		42. Staphylococci /Staphylococcus titer	БДС 17335 ⁽³⁾
		43. Enterococcus titer /Enterococci	БДС 17335 ⁽³⁾ БДС EN ISO 7899-2 ⁽¹⁾
		44. Salmonella	БДС EN ISO 19250 ⁽²⁾
IV.	Washings and swabs	1. Total number of microorganisms (Total number aerobic mesophilic and facultative anaerobic microorganisms)	БДС EN ISO 4833-1 БДС EN ISO 4833-2
		2. Coli forms	БДС EN ISO 4831, p. 9.1
		3. Coagulase positive staphylococci	БДС EN ISO 6888-3+AC, p. 9.1
V.	Cosmetic products	1. Total number aerobic mesophilic microorganisms (bacteria, moulds, yeasts)	БДС EN ISO 16212 БДС EN ISO 21149
		2. Escherichia coli	БДС EN ISO 21150
		3. Pseudomonas aeruginosa	БДС EN ISO 22717
		4. Staphylococcus aureus	БДС EN ISO 22718
		5. Candida albicans	БДС EN ISO 18416

***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 CAB.*

** Within its competences, the laboratory shall be authorized to identify all characteristics (column 3) under the indicated testing methods (column 4), belonging to the products group (column 2), after verification/validation, coverage by Certified reference materials (CRM) / Reference materials (RM) and calibrated technical means. The laboratory shall keep detailed and dated list of the products and characteristics, belonging to the products and characteristics, indicated in the accreditation scope.*

Flexible scope references:

ВЛМ 03/2012 Determination of pesticide residues content in waters by GC/MS

Fixed scope references:

ВЛМ 04/2012 Determination of highly volatile hydrocarbons content in waters by GC/MS and Head Space

ВЛМ 07/2015 Water quality. Determination of selenium content by atomic absorption spectrometry (hydride system)

ВЛМ 10/2021 Water quality. Determination of magnesium content. Titrimetric method with EDTA.

I ORDER

To issue the Certificate of accreditation reg. № 245 ЛИ/26.08.2022, valid until 26.08.2026, and this order as an integral part of it.

The Certificate of accreditation with the enclosure to be received at the office of EA BAS by the Manager / representative of the Regional health inspectorate, Veliko Tarnovo, the head of the Laboratory Testing Complex at Regional health inspectorate, Veliko Tarnovo, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the the accredited person is obliged to return to EA BAS the originals of accreditation certificate № 245 ЛИ / 26.05.2021, and its enclosure, EA BAS order reg. № A 316/26.05.2021, valid until 28.02.2022, with extended validity period by EA BAS order reg. № A 136/23.02.2022.

This order shall be notified to the Regional health inspectorate, Veliko Tarnovo, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

