ORDER

№ А 271

Sofia, 19.08.2026

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. № 68/249 ЛИ/ПА/РО/13.01.2026, assessment report reg. № 68/249 ЛИ/5/В/30.04.2026, annex reg. № 68/249 ЛИ/10/В/22.06.2026 and statement of the Accreditation Commission reg. № 68/249 ЛИ/ПА/РО/11/В/05.08.2026, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

SOFIA REGIONAL HEALTH INSPECTORATE
LABORATORY TESTING COMPLEX

Management address: 1233, Sofia, 20, Vranya Str.
Laboratory address: 1303, Sofia, 169A, Tsar Simeon Str.

To perform testing of:

Type of the scope: *flexible for a part of scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
I.	Water		
	Water intended for drinking-domestic purposes (1), Surface water (2), Bathing water (3), Swimming pool water (4), Water from mineral springs (5)	1. active reaction (pH)	БДС 3424 (1); БДС 17.1.4.27 (2); БДС EN ISO 10523 (1), (2), (4), (5)
		2. aluminium	01/ICP/MS/ECB:2014 (1) БДС ISO 10566 (1)
		3. ammonium ion/ammonia	БДС 3587 (1); БДС 17.1.4.10 (2); БДС ISO 7150-1 (1), (2), (4)
		4. antimony	01/ICP/MS/ECB:2014 (1)
		5. arsenic	01/ICP/MS/ECB:2014 (1), (2)
		6. benzene	БДС ISO 11423-1 (1)
		7. borates (boron)	01/ICP/MS/ECB:2014 (1), (2); БДС ISO 9390 (1), (2)
		8. bromates	БДС EN ISO 15061 (1)
		9. highly volatile halogenated hydrocarbons*	БДС EN ISO 10301 (1)
		10. taste	БДС 8451, cl. 3 (1); БДС EN 1622 (1)
		11. carbon dioxide	БДС 3097, cl. 2.3 (5)

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№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		12. electrical conductivity	БДС EN 27888 (1), (2)
		13. natural uranium	01/ICP/MS/ECB:2014 (1)
		14. iron	01/ICP/MS/ECB:2014 (1), (2), (4); БДС 16777 (1)
		15. mercury	01/ICP/MS/ECB:2014 (1), (2)
		16. cadmium	01/ICP/MS/ECB:2014(1), (2); БДС 16777 (1)
		17. calcium	БДС ISO 6058 (1)
		18.magnesium	03/B/Mg:2021 (1)
		19. manganese	01/ICP/MS/ECB:2014 (1), (2), (4); БДС 16777 (1)
		20. copper	01/ICP/MS/ECB:2014 (1), (2); БДС 16777 (1)
		21. smell	БДС 8451, cl. 4 (1); БДС EN 1622 (1), (4)
		22. turbidity	БДС EN ISO 7027-1 (1), (2)
		23. sodium	01/ICP/MS/ECB:2014 (1); БДС ISO 9964-1 (1)
		24. undissolved substances	БДС 17.1.4.04, cl. 2 (2), (4)
		25. nickel	01/ICP/MS/ECB:2014 (1), (2)
		26. nitrates	БДС 3758 (1); БДС 17.1.4.12 (2)
		27. nitrites	БДС EN 26777 (1), (4)
		28. total hardness	БДС ISO 6059 (1)
		29. sulfur compounds oxidized by iodine (hydrogen sulfide)	БДС 3097, cl. 2.13 (5)
		30. lead	01/ICP/MS/ECB:2014 (1), (2); БДС 16777 (1)
		31. residual free chlorine	БДС 3560 (1); БДС EN ISO 7393-2 (1), (4)
		32. total residual chlorine /total chlorine	БДС EN ISO 7393-2 (4)
		33. permanganate oxidizability / permanganate index	БДС 3413 (1) БДС EN ISO 8467 (1), (4)
		34. pesticides*	03/GC/MS/Pest:2021 (1); 01/LC/MS/MS/Pest:2021 (1)
		35. polycyclic aromatic hydrocarbons*	БДС EN ISO 17993 (1)
		36. selenium	01/ICP/MS/ECB:2014 (1), (2)
		37. sulfates	БДС 3588 (1); БДС 17.1.4.03 (2)
		38. temperature	БДС 8451, cl. 5 (2), (5)
		39. fluorides (fluorine)	БДС 16911 (1), (2)
		40. phosphates	БДС EN ISO 6878 (1), (2)
		41. organophosphorus pesticides*	БДС EN 12918 (1)
		42. chlorates	БДС EN ISO 10304-4 (1)

Type of the scope: *flexible for a part of scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		43. chlorides	БДС 3414 (1); БДС 17.1.4.24 (2)
		44. chlorites	БДС EN ISO 10304-4 (1)
		45. chromium	01/ICP/MS/ECB:2014 (1), (2)
		46. color	БДС EN ISO 7887, cl. D (1), (2), (4)
		47. cyanides	БДС 7214 (1); БДС 17.1.4.14 (2)
		48. zinc	01/ICP/MS/ECB:2014 (1), (2); БДС 16777 (1)
		49. colony count /microbial count/ total number of mesophilic aerobic microorganisms	БДС EN ISO 6222 (1), (5)
		50. enterococci/fecal streptococci/intestinal enterococci	БДС EN ISO 7899-1 (2); БДС EN ISO 7899-2 (1), (2), (3), (5)
		51. enterococcal titer	БДС 17335 (4)
		52. escherichia coli	БДС EN ISO 9308-1/A1 (1), (3), (5); БДС 17336 (1)
		53. escherichia coli titer and total coli titer	БДС 17335 (4)
		54. clostridium perfringens	БДС EN ISO 14189 (1), (5)
		55. coliforms	БДС EN ISO 9308-1/A1 (1), (3), (5); БДС 17336 (1)
		56. legionella	БДС EN ISO 11731 (1)
		57. microbial count	БДС 17335 (4)
		58. pseudomonas aeruginosa	БДС EN ISO 16266 (5)
		59. salmonella	БДС EN ISO 19250 (1), (3)
		60. staphylococcal titer	БДС 17335 (4)
		61. sulfite-reducing clostridia	БДС EN 26461-2 (1), (5)
		62. fecal coliforms	БДС EN ISO 9308-3/AC (2), (3)
II.	Bottled water, including water intended for bottling		
		1. active reaction (pH)	БДС 3424; БДС EN ISO 10523
		2. aluminium	01/ICP/MS/ECB:2014; БДС ISO 10566
		3. ammonium ion/ammonia	БДС 3587; БДС ISO 7150-1
		4. antimony	01/ICP/MS/ECB:2014
		5. arsenic	01/ICP/MS/ECB:2014
		6. barium	01/ICP/MS/ECB:2014
		7. benzene	БДС ISO 11423-1
		8. borates (boron)	01/ICP/MS/ECB:2014; БДС ISO 9390
		9. bromates	БДС EN ISO 15061

Type of the scope: *flexible for a part of scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		10. highly volatile halogenated hydrocarbons*	БДС EN ISO 10301
		11. taste	БДС 8451, cl. 3; БДС EN 1622
		12. carbon dioxide	БДС 3097, cl. 2.3
		13. electrical conductivity	БДС EN 27888
		14. natural uranium	01/ICP/MS/ECB:2014
		15. iron	01/ICP/MS/ECB:2014; БДС 16777
		16. mercury	01/ICP/MS/ECB:2014
		17. cadmium	01/ICP/MS/ECB:2014; БДС 16777
		18. calcium	БДС ISO 6058
		19. magnesium	03/B/Mg:2021
		20. manganese	01/ICP/MS/ECB:2014; БДС 16777
		21. copper	01/ICP/MS/ECB:2014; БДС 16777
		22. smell	БДС 8451, cl. 4; БДС EN 1622
		23. turbidity	БДС EN ISO 7027-1
		24. sodium	01/ICP/MS/ECB:2014; БДС ISO 9964-1
		25. nickel	01/ICP/MS/ECB:2014
		26. nitrates	БДС 3758;
		27. nitrites	БДС EN 26777
		28. total hardness	БДС ISO 6059
		29. sulfur compounds oxidized by iodine (hydrogen sulfide)	БДС 3097, cl. 2.13
		30. lead	01/ICP/MS/ECB:2014; БДС 16777
		31. residual free chlorine	БДС 3560 (1); БДС EN ISO 7393-2
		32. permanganate oxidizability	БДС 3413; БДС EN ISO 8467
		33. pesticides*	03/GC/MS/Pest:2021; 01/LC/MS/MS/Pest:2021
		34. polycyclic aromatic hydrocarbons*	БДС EN ISO 17993
		35. dissolved ozone	БДС CEN/TR 14740
		36. selenium	01/ICP/MS/ECB:2014
		37. sulfates	БДС 3588;
		38. temperature	БДС 8451, cl. 5
		39. fluorides (fluorine)	БДС 16911
		40. phosphates	БДС EN ISO 6878
		41. organophosphorus pesticides*	БДС EN 12918
		42. chlorates	БДС EN ISO 10304-4
		43. chlorides	БДС 3414

Type of the scope: *flexible for a part of scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		44. chlorites	БДС EN ISO 10304-4
		45. chromium	01/ICP/MS/ECB:2014
		46. color	БДС EN ISO 7887, cl. D
		47. cyanides	БДС 7214
		48. zinc	01/ICP/MS/ECB:2014; БДС 16777
		49. total viable colony count	БДС EN ISO 6222
		50. fecal streptococci	БДС EN ISO 7899-2
		51. escherichia coli	БДС EN ISO 9308-1/A1
		52. clostridium perfringens	БДС EN ISO 14189
		53. coliforms	БДС EN ISO 9308-1/A1
		54. pseudomonas aeruginosa	БДС EN ISO 16266
		55. spore-forming sulfite-reducing anaerobic bacteria	БДС EN 26461-2
III.	Cosmetic products		
		1. active reaction (pH)	БДС 3741, cl. 10
		2. free ammonia	Ordinance №14:2014, Appendix 2, cl. XVI
		3. hydrogen peroxide	Ordinance №14:2014, Appendix 2, cl. VIII
		4. cadmium	01/KP/TM:2025
		5. lead	01/KP/TM:2025
		6. thioglycolic acid	Ordinance №14:2014, Appendix 2, cl. XVIII
		7. titanium dioxide	02/KP/UVF:2025
		8. zinc oxide	02/KP/UVF:2025
		9. escherichia coli	БДС EN ISO 21150
		10. total aerobic mesophilic bacteria	БДС EN ISO 21149 (deep seeding method)
		11. total aerobic mesophilic microorganisms (bacteria, molds and yeasts)	БДС EN ISO 16212 (deep seeding method); БДС EN ISO 21149 (deep seeding method)
		12. candida albicans	БДС EN ISO 18416
		13. molds and yeasts	БДС EN ISO 16212 (deep seeding method)
		14. pseudomonas aeruginosa	БДС EN ISO 22717
		15. staphylococcus aureus	БДС EN ISO 22718
IV.	Chemical substances and mixtures		
	Biocides (1), Detergents (2), Windscreen wiper fluids (3)	1. active chlorine	01/DEZ/Chl:2009 (1)
		2. carbonates	БДС 8860 (2)
		3. total surfactant content	БДС 9025, cl. 1 (2)
		4. pH of aqueous surfactant solutions	БДС ISO 4316 (2)
		5. phosphates (as phosphorus (V) oxide)	БДС ISO 4313 (2)
		6. phosphorus	01/D/R:2025 (2)
		7. methyl alcohol	02/GC/FID/Met:2013 (3)

Type of the scope: *flexible for a part of scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
V.	Excerpts and washes for assessing hygiene status		
		1. escherichia coli	БДС ISO 16649-2
		2. coliforms	ISO 4831
		3. total number of mesophilic aerobic and facultative anaerobic microorganisms	БДС EN ISO 4833-1
		4. pathogenic staphylococcus (staphylococcus aureus)	БДС EN ISO 6888-3+AC, cl. 9.1.

To perform sampling of:

№	**Product**	**Sampling methods (standardized/validated)**
1	2	3
1.	Water intended for drinking and domestic purposes	БДС ISO 5667-5; БДС EN ISO 19458

***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.*

** Within the framework of its competence, the laboratory is authorized to determine all characteristics (column 3) by the indicated test methods (column 4) belonging to the product group (column 2) after verification/ validation, provision with CRM/RM and calibrated technical means.*
The laboratory maintains a detailed, dated list of products and characteristics belonging to the products and characteristics mentioned in the scope of accreditation. (Multicomponent methods)

Flexible scope references:
Ordinance № 14 of 28.07.2014 laying down detailed rules for the presentation of information under Art. 19(4) of Regulation (EC) № 1223/2009 on cosmetic products, requirements for the efficacy of sunscreen cosmetic products and chemical methods for verifying the composition of cosmetic products.

Fixed scope references:
01/DEZ/Chl.:2009 - Titrimetric method for determining the content of active chlorine in biocidal products.

01/ICP/MS/ECB:2014 - Method for the determination of elements in water by ICP/MS.

02/GC/FID:2013 - Method for the determination of methyl alcohol in windshield wiper fluids by GC/FID.

03/GC/MS/Pest:2021 - Method for the determination of pesticides in water by GC/MS.

01/LC/MS/MS/Pest:2021 - Method for the determination of pesticides in water by LC/MS/MS.

03/B/Mg:2021 - Calculation method for the determination of magnesium in water.

01/KP/TM:2025 - Method for the determination of heavy metals in cosmetic products by AAS.

02/KP/UVF:2025 - Physicochemical method for the determination of UV filters in cosmetic products.

01/D/R:2025 - Calculation method for the determination of phosphorus in detergents.

I ORDER

To issue the certificate of accreditation reg. № 249 ЛИ/19.08.2026, valid until 18.08.2030, 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 Sofia Regional Health Inspectorate, the head of Testing Laboratory Complex at Sofia Regional Health Inspectorate or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the accredited person is obliged to return to EA BAS the originals of accreditation certificate № 249 ЛИ/18.08.2022 and its enclosure, EA BAS order reg. № А 518/18.08.2022.

This order shall be notified to the legal entity within 3 (three) days from its issuance.

Eng. Mariya Ilieva - Yordanova

Executive Director
of Executive Agency Bulgarian Accreditation Service