REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 129

Sofia, 30.04.2026

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, and items 6 and 7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg.№ 83/246 ЛИ/ПА/РО/16.07.2025, assessment reports reg.№ 83/246 ЛИ/6/В/08.12.2025, reg.№ 83/246 ЛИ/6/В/17.03.2026 and statement of the Accreditation Commission reg.№ 83/246 ЛИ/ПА/РО/7/В/31.03.2026, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

REGIONAL HEALTH INSPECTORATE - PLOVDIV
LABORATORY TESTING COMPLEX (LTC)

Management and laboratory address:
4002, Plovdiv, 1, Perushtitsa 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.	PHYSICOCHEMICAL TESTS		
	Water: drinking water (1), mineral water from the source for drinking, to be bottled (2), spring water to be bottled (3), swimming pools (4), bottled natural mineral, spring and table water (5)	1. Colour	БДС 8451, cl. 2.1b (1, 2, 3, 5)
		2. Turbidity	БДС EN ISO 7027-1, cl. 5.3 (1, 2, 3, 5)
		3. Active reaction	БДС 3424, cl. 1 (1, 2, 3, 5)
		4. Permanganate oxidation	БДС 3413 (1, 2, 3, 5)
		5. Ammonium ion	БДС 3587, cl. 2 (1, 2, 3, 5)
		6. Nitrates	БДС 3758, cl. 1 (1, 2, 3, 5)
		7. Nitrites	БДС EN 26777 (1, 2, 3, 4, 5)
		8. Chlorides	БДС 3414 (1, 2, 3, 5)
		9. Total hardness (sum of calcium and magnesium)	БДС ISO 6059 (1, 2, 3, 5)
		10. Calcium	БДС ISO 6058 (1, 2, 3, 5)
		11. Magnesium	ВЛМ 01-ХВ/2021 (1, 2, 3, 5)
		12. Phosphates	БДС EN ISO 6878, cl. 4 (1, 2, 3, 5)
		13. Sulphates	ВЛМ 02-ХВ/2025 (1, 2, 3, 5)
		14. Fluorides	БДС 16911, cl. 1.7.2 (1, 2, 3, 5)
		15. Chromium	БДС EN ISO 17294-2 (1, 2, 3, 5)
		16. Iron	БДС EN ISO 17294-2 (1, 2, 3, 5)
		17. Manganese	БДС EN ISO 17294-2 (1, 2, 3, 5)
		18. Copper	БДС EN ISO 17294-2 (1, 2, 3, 5)
		19. Lead	БДС EN ISO 17294-2 (1, 2, 3, 5)
		20. Cadmium	БДС EN ISO 17294-2 (1, 2, 3, 5)
		21. Arsenic	БДС EN ISO 17294-2 (1, 2, 3, 5)
		22. Residual chlorine	БДС 3560, cl. 4 (1)

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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
		23. Electrical conductivity	БДС EN 27888 (1, 2, 3, 5)
		24. Polycyclic aromatic hydrocarbons Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(g, h, i)perylene Indeno(1,2,3-c,d) pyrene	Book of methods of the National Center of Hygiene, Medical Ecology and Food, vol. IV (1)
		25. Nickel	БДС EN ISO 17294-2 (1, 2, 3, 5)
		26. Antimony	БДС EN ISO 17294-2 (1, 2, 3, 5)
		27. Selenium	БДС EN ISO 17294-2 (1, 2, 3, 5)
		28. Zinc	БДС EN ISO 17294-2 (1, 2, 3, 5)
		29. Sodium	БДС EN ISO 17294-2 (1, 2, 3, 5)
		30. Boron	БДС EN ISO 17294-2 (1, 2, 3, 5)
		31. Mercury	БДС EN ISO 17294-2 (1, 2, 3, 5)
		32. Barium	БДС EN ISO 17294-2 (1, 2, 3, 5)
		33. Uranium	БДС EN ISO 17294-2 (1)
		34. Organochlorine pesticides**	ВЛМ 01-ПВ/2022 (1, 3) (GC–MS)
		35. Organophosphorus pesticides**	БДС EN 12918 (1, 3)
		36. Benzene	БДС EN ISO 11423-1 (1, 3)
		37. Highly volatile halogenated hydrocarbons: - 1,2-dichloroethane, - Tetrachloroethene and trichloroethene, - Trichalomethanes: ✓ Chloroform, ✓ Bromodichloromethane, ✓ Tribromomethane, ✓ Dibromochloromethane	БДС ISO 10301, Method with static head-space (1, 3)
		38. Determination of total α-radioactivity	БДС EN ISO 9696 (1, 5)
		38. Determination of total β-radioactivity	БДС EN ISO 9697 (1, 5)
		40. Polonium 210	БДС EN ISO 13161 (1)
		41. Isotopes of uranium	ISO 13161 (1)
II.	MICROBIOLOGICAL TESTS		
	Water: drinking water (1), mineral water from the source (2), spring water to be bottled (3), swimming pools (4), bottled natural mineral, spring and table water (5)	1. Escherichia coli	БДС EN ISO 9308-1 (1, 2, 3, 5); БДС 17336 (1, 2, 3, 5)
		2. Coliforms	БДС EN ISO 9308-1 (1, 2, 3, 5); БДС 17336 (1, 2, 3, 5)
		3. Coli titre	БДС 17335 (1, 4)
		4. Sulphite-reducing Clostridium	БДС EN 26461-2 (2, 3, 5)
		5. Enterococci (faecal streptococci)	БДС EN ISO 7899-2 (1, 2, 3, 5)
		6. Pseudomonas aeruginosa	БДС EN ISO 16266 (1, 2, 3, 5); БДС 17335 (2)
		7. Escherichia coli titre	БДС 17335 (4)
		8. Staphylococci titre	БДС 17335 (4)
		9. Enterococci titre	БДС 17335 (4)

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. Count of colonies of viable microorganisms (microbial count): (22±2) °C and (36±2) °C, (37±1) °C	БДС EN ISO 6222 (1, 2, 3, 5); БДС 17335 (4)
		11. Legionella	БДС EN ISO 11731 (1)
		12. Clostridium perfringens (incl. spores)	БДС EN ISO 14189 (1)

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 its competence, the Laboratory is authorized to determine all characteristics (column 3) according to the indicated methods of testing (column 4), belonging to the group of products (column 2) after completed verification/validation, availability of CPM/PM and calibrated technical means. The Laboratory maintains a detailed, dated list of products and characteristics belonging to the products and characteristics mentioned within the scope of accreditation.*

Flexible scope references:

ВЛМ 01-ПВ/2022 – Intra-laboratory method of determination of contents of some organochlorine pesticides by liquid-liquid extraction and further GC-MS detection.

Fixed scope references:

Book of methods of the National Center of Hygiene, Medical Ecology and Food, Volume IV/2002 – Methodology of Determination of Content of Polyaromatic Hydrocarbons in Water.

ВЛМ 01-ХВ/2021 - Intra-laboratory Method – Water Quality. Method of Determination of Magnesium. Titrimetric Method with EDTA.

ВЛМ 02-ХВ/2025 - Intra-laboratory Method – Determination of the content of sulphates in water. Spectrometric method.

I ORDER

To issue the certificate of accreditation reg. № 246 ЛИ/30.04.2026, valid until 28.02.2030, 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 director of the Regional Health Inspectorate, Plovdiv, the head of Laboratory Testing Complex at Regional Health Inspectorate, Plovdiv, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, Laboratory Testing Complex at Regional Health Inspectorate, Plovdiv is obliged to return to EA BAS the originals of accreditation certificate № 246 ЛИ/11.06.2024, valid until 28.02.2026 and its enclosure – EA BAS order reg. № А 240/11.06.2024.

This order shall be notified to the Laboratory Testing Complex at Regional Health Inspectorate, Plovdiv, within 3 (three) days from its issuance.

Eng. Mariya Ilieva - Yordanova

Executive Director
of Executive agency Bulgarian accreditation service

