Republic of Bulgaria
Executive Agency
Bulgarian Accreditation Service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 238

Sofia, 14.06.2023

Pursuant to Art. 10, para. 1, item 2a of the Low on National Accreditation of Conformity Assessment Bodies, in connection with amendment of an element of the certificate content, according to item 4.3.8. of the BAS QR 2 Accreditation Procedure, report reg. № 81/247 ЛИ/4/В/14.06.2023 and EA BAS order reg. № A 237/14.06.2023 I hereby

AMEND

EA BAS order reg. № A 195/05.05.2023, an integral part of certificate of accreditation reg. № 247 ЛИ/05.05.2023, valid until 09.02.2026 as follows:

Regional Health Inspectorate – Pleven
Laboratory testing complex

Management and laboratory address:
5800 Pleven, 7 Knyaz Alexander I Batenberg Str.

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
1.	**WATER** Drinking water, including spring and table water /1/ Swimming pools water /2/ Bottled natural and mineral, water /3/	1.1. Total hardness Sum of calcium and magnesium	БДС 3775 /1/ БДС ISO 6059 /1/
		1.2. Calcium	БДС ISO 6058 /1/ БДС EN ISO 14911 /1/
		1.3. Magnesium	VLM 03:2021 /1/ БДС EN ISO 14911 /1/
		1.4. Active reaction /pH/	БДС 3424 /1, 3 / БДС EN ISO 10523 /2/
		1.5 Oxidizability permanganate index	БДС 3413 /1/ БДС EN/ISO 8467 /2/
		1.6. Ammonium ions Ammonia	БДС 3587 /1/ БДС EN ISO 14911 /1/ БДС ISO 7150-1 /2/
		1.7. Nitrites	БДС EN 26777 /1, 2, 3/ БДС EN ISO 10304-1 /1/
		1.8. Nitrates	БДС 3758 /1, 3/ БДС EN ISO 10304-1 /1/
		1.9. Chlorides	БДС 3414 /1/

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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**
			БДС EN ISO 10304-1 /1/
		1.10. Dry residue	БДС 3546 /3/
		1.11. Phosphorus	БДС EN ISO 6878 /1/
		1.12. Sulfates	БДС 3588 /1/ БДС EN ISO 10304-1 /1/
		1.13. Iron	БДС ISO 6332 /1, 2/ БДС 16777 /1, 2/
		1.14. Manganese	БДС 16777 /1, 2, 3/ БДС EN ISO 17294-2 /1, 3/
		1.15. Cyanides	БДС 7214 /1, 3/
		1.16. Fluorine	БДС 16911 /1, 3/ БДС EN ISO 10304-1 /1/
		1.17. Chrome	БДС 7212 /1, 3/ БДС EN 1233 /1, 3/ БДС EN ISO 17294-2 /1, 3/
		1.18. Zinc	БДС 16777 /1/
		1.19 Copper	БДС 16777 /1, 3/
		1.20 Sodium	NCHMEN Collection, Volume IV, p. 25/1/
		1.21. Aluminum	БДС 17261 /1/ БДС EN ISO 17294-2 /1/
		1.22. Selenium	NCHMEN Collection, Volume II, p. 15 /1, 3/ БДС EN ISO 17294-2 /1, 3/
		1.23. Electrical conductivity	БДС EN 27888 /1/
		1.24 Boron	NCHMEN Collection, Volume IV, p. 32 /1, 3/
		1.25. Highly volatile halogenated hydrocarbons: Trihalomethanes / chloroform, bromoform, dibromochloromethane, bromodichloromethane /, 1,2 Dichloroethane, Trichloroethene, Tetrachlorite	БДС EN ISO 10301 /1/
		1.26. Undissolved substances	БДС 17.1.4.04/2/
		1.27. Polycyclic aromatic hydrocarbons: Benzo(a)pyrene Sum of: -Benzo(b)fluoranthene -Benzo(k)fluoranthene -Benzo(ghi)perylene -Indeno(1,2,3-cd)pyrene	VLM 02:2017 /1/
		1.28. Benzene	БДС ISO 11423-1 /1/
		1.29. Nickel	БДС EN ISO 15586 /1, 3/ БДС EN ISO 17294-2 /1, 3/
		1.30. Arsenic	БДС EN ISO 15586 /1, 3/ БДС ISO 17378-2 /1, 3/ БДС EN ISO 17294-2 /1, 3/

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**
		1.31. Antimony	БДС EN ISO 15586 /1, 3/ БДС ISO 17378-2 /1, 3/ БДС EN ISO 17294-2 /1, 3/
		1.32. Bromates	БДС EN ISO 15061 /1/

II. Microbiological tests

Type of scope: *flexible*			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	**2**	**3**	**3**
1.	WATER 1.1. Drinking water 1.2. Swimming pools water 1.3. Bottled natural, mineral, spring and table water	Escherichia coli	БДС 17336 /1.1/
			БДС EN ISO 9308-1/A1 /1.1; 1.3 /
			БДС EN ISO 21150 /8/
2.	Meat and meat products	Coliforms	БДС 17336 /1.1/
			БДС EN ISO 9308-1 /A1 /1.1; 1.3/
			ISO 4831 /2, 3, 4, 5, 6, 7/
3.	Cereals and cereal-based foods: 3.1. Grains from wheat and cereals 3.2. Grist products 3.3. Bread and bakery products	Enterococci	БДС EN ISO 7899-2 /1.1; 1.3/
		Number of colonies /microbial count/	БДС 17335 p. 6 /1.2/
			БДС EN ISO 6222 /1.1; 1.3/
4.	Raw vegetables	Spores of sulfite reducing clostridia / clostridium perfringens	БДС EN 26461-2 /1.1; 1.3/ БДС EN ISO 14189 /1.1 /
		Pseudomonas aeruginosa	БДС EN ISO 16266 /1.1; 1.3/
			БДС EN ISO 22717 /8/
5.	Soft drinks and boza	Total coli titre	БДС 17335 cl. 7 /1.2/
		Escherichia coli titre	БДС 17335 cl. 7 /1.2/
		Staphylococcal coli titre	БДС 17335 cl. 9 /1.2/
6.	Ready-to-eat foods and special purpose foods	Enterococcal titre	БДС 17335 cl. 8 /1.2/
		Total count of mesophilic aerobic and facultative anaerobic microorganisms	БДС 17335 cl. 6 /1.2/
			БДС EN ISO 6222 /1/
7.	Washes and scrubs		БДС EN ISO 21149 /8/
		Molds and yeasts	БДС EN ISO 16212 /8/
		Salmonella bacteria	БДС EN ISO 6579-1 /2, 3, 4, 5, 6, 7/
8.	Cosmetic products	Coagulase-positive staphylococci / Staphylococcus aureus and other species	БДС EN ISO 6888-3 /2, 3, 4, 5, 6, 7/
			БДС EN ISO 22718 /8/
		Candida albicans	БДС EN ISO 18416 /8/

III. Tests for pestics

Type of scope: *flexible**			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	**2**	**3**	**5**
1.	Drinking water /including bottled spring and table water/	Pesticides*	VLM 01: 2013

IV. CONTENT OF HEAVY METALS

Type of scope: *flexible*			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	**2**	**3**	**5**
1.	WATER - Drinking water, Bottled natural, mineral, spring and table water	Lead content	БДС EN ISO 15586
			БДС EN ISO 17294-2
		Cadmium content	БДС EN ISO 5961
			БДС EN ISO 17294-2

To perform sampling of:

Type of scope: *flexible*		
№	**Product**	**Sampling methods (standard/validated method)**
1	**2**	**3**
1.	WATER – drinking water	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 its competence, the laboratory is authorized to determine all the characteristics (column 3) according to the marked 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.*

Flexible scope references:

VLM № 01:2013 Determination of pesticides in drinking water by gas chromatography mass selective detection (GC/MS) and/or and / or liquid chromatography with triple quadrupole mass selective detection (LC/MS/MS).

Fixed scope references:

VLM № 02:2017 Determination of the content of PAH /polycyclic aromatic hydrocarbons/ in drinking water by high performance liquid chromatography (HPLC) with fluorescence detection.

VLM № 03/2021 Determination of magnesium content in water. Titrimetric method with EDTA.

Collection of the National Center for Hygiene, Medical Ecology and Nutrition, volume IV/2002, p. 25 - Methodology for determination of the sodium content in water by atomic absorption flame spectrometry.

Collection of the National Center for Hygiene, Medical Ecology and Nutrition, volume II/2001, p. 15 – Methodology for determination of selenium content in drinking water by atomic absorption spectrometry /hydride technique/.

Collection of the National Center for Hygiene, Medical Ecology and Nutrition, volume IV/2002, p. 32 – Methodology for determining the boron content in water.

I ORDER

To issue the certificate of accreditation reg. № 247 ЛИ / 14.06.2023 valid until 09.02.2026 and this order as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the manager of the Regional Health Inspectorate, Pleven, head of the Laboratory Testing Complex at the Regional Health Inspectorate, Pleven, 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. № 247 ЛИ/05.05.2023, valid untill 09.02.2026 and its enclosure EA BAS order № А 195/05.05.2023 as an integral part of it.

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

EXECUTIVE AGENCY "BULGARIAN ACCREDITATION SERVICE" REPUBLIC OF BULGARIA

Eng. Irena Borislavova
Executive Director of EA BAS