REPUBLIC OF BULGARIA
Executive Agency
Bulgarian Accreditation Service

Signatory to the EA Multilateral Agreement in this field

BAS QF 2.11

ORDER

№ A 529

Sofia, 22.12.2023

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, items 6 and 7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 419/38 ЛИ/ПА/РО/07.04.2023, assessment reports reg. № 419/38 ЛИ/4/В/04.09.2023, reg. № 419/38 ЛИ/11/В/20.11.2023, declaration reg. № 419/38 ЛИ/7/П/06.10.2023 and Statement of the Accreditation Commission reg. № 419/38 ЛИ/ПА/РО/12/В/15.12.2023, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

of Regional health inspectorate – Sliven

Laboratory test center

Management and laboratory address: 8800 Sliven, 1 Peyo Yavorov 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 intended for drinking and household purposes (1), Bottled natural mineral water, spring water and table water (2), Water from mineral water sources (3), Water from swimming pools (4), Underground water (5), Surface water (6)	1. Active reaction /pH/	БДС 3424, cl. 1 – (1), (2) БДС EN ISO 10523 (4), (5)
		2. Ammonium ions	БДС 3587, cl. 2 – (1), (2) БДС ISO 7150-1 (4), (5)
		3. Iron	БДС ISO 6332, cl. 7.1 (1),(2),(4),(5)
		4. Manganese	VLM 4:2023 - (1), (2), (4), (5)
		5. Nitrates	БДС 3758, cl. 2 - (1), (2) БДС 17.1.4.12 - (5)
		6. Nitrites	VLM 3:2023 -(1), (2), (4), (5)
		7. Calcium	БДС ISO 6058- (1), (2), (5)
		8. Magnesium	VLM 1:2023 - (1), (2), (5)
		9. Total hardness	БДС 3775- (1), (2) БДС ISO 6059 - (5)
		10. Sulfates	БДС 3588- (1), (2) БДС 17.1.4.03 - (5)

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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**
		11. Chlorides	БДС 3414- (1), (2) ISO 9297- (5)
		12. Fluorides	БДС 16911, cl. 1 - (1), (2)
		13. Specific electrical conductivity at 25°C	БДС EN 27888 - (1), (2), (5)
		14. Color	БДС 8451, cl. 2- (1), (2)
		15. Smell	БДС 8451, cl. 4- (1), (2)
		16. Taste	БДС 8451, cl. 3- (1), (2)
		17. Transparency	БДС 8451, cl. 6 - (1), (2)
		18. Permanganate oxidizability/ Permanganate index	БДС 3413- (1), (2) БДС EN ISO 8467 - (4), (5)
		19. Phosphates	БДС EN ISO 6878, cl. 4 - (1),(2),(5)
		20. Chromium $^{6+}$	БДС 7212 - (1), (2)
		21. Escherichia coli	БДС EN ISO 9308-1/A1-(1), (2), (3)
		22. Coliforms	БДС EN ISO 9308-1/A1- (1),(2),(3)
		23. Number of colonies of viable microorganisms (microbial count)	БДС EN ISO 6222 - (1), (3)
		24. Intestinal enterococci (faecal streptococci)	БДС EN ISO 7899-2 - (1), (2), (3), (6)
		25. Sulfite-reducing anaerobes (Clostridia)	БДС EN 26461-2 – (2),(3)
		26. Pseudomonas aeruginosis	БДС EN ISO 16266 – (2), (3)
		27. Clostridium perfringens	БДС EN ISO 14189 – (1)
		28. Coliforms (titer)	БДС 17335, cl. 4.3 – (4) БДС 17336, cl. 5.2.2 – (6)
		29. Faecal coliforms (titer)	БДС 17335, cl. 4.3 – (4) БДС 17336, cl. 5.2.3, cl. 5.2.4 – (6)
		30. Microbial count	БДС 17335, cl. 4.2 – (4)
		31. Enterococci (titer)	БДС 17335, cl. 4.4 – (4)
		32. Staphylococci and Staphylococcus aureus (titer)	БДС 17335, cl. 4.5 – (4)
		33. Salmonella	БДС EN ISO 19250 - (6)

***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.*

Fixed scope references:

VLM 1:2023 Water quality. Measurement of magnesium. Titrimetric method with EDTA.
VLM 3:2023 Water quality. Measurement of nitrite content.
VLM 4:2023 Water quality. Measurement of manganese content. Spectrometric method with formaldoxime.

I ORDER

To issue the certificate of accreditation reg. № 38 ЛИ of 22.12.2023 valid until 22.12.2027 and this order enclosed as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the Manager of Regional health inspectorate – Sliven the head of Laboratory test center at Regional health inspectorate – Sliven 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 certificate of accreditation reg. № 38 ЛИ/20.04.2021, valid until 18.12.2023 and its enclosure EA BAS order reg. № A 232/20.04.2021.

This order shall be notified to Regional health inspectorate – Sliven within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS