



## ORDER

№ A 115

Sofia, 22.03.2024

Pursuant to Art. 10, para. 1, item 2a of the Law 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. № 84/245 ЛИ/РО/В/14.03.2024, and EA BAS order reg. № A 114/22.03.2024, I hereby

## AMEND

EA BAS order reg. № A 82/23.02.2024 to accreditation certificate reg. № 245 ЛИ/23.02.2024, valid until 26.08.2026, as follows:

**of Regional Health Inspectorate, Veliko Tarnovo  
Laboratory Testing Complex**

**Management and laboratory address:**

5000 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<br>(standard / validated method) |
|----|---|---|--|
| 1  | 2   | 3   | 4  |
| I. | Bottled natural mineral, spring and table water | 1. Calcium and magnesium sum (total hardness) | БДС EN ISO 6059                                  |
|    |   | 2. Active reaction /pH/                       | БДС EN ISO 10523                                 |
|    |   | 3. Oxidizability                              | БДС 3413   |
|    |   | 4. Ammonium ions                              | БДС 3587, cl. 2                                  |
|    |   | 5. Nitrites                                   | БДС EN 26777                                     |
|    |   | 6. Nitrates                                   | БДС 3758, cl. 1                                  |
|    |   | 7. Chlorides                                  | БДС 3414   |
|    |   | 8. Total phosphorus (as phosphates)           | БДС EN ISO 6878, cl. 4                           |
|    |   | 9. Sulphates                                  | БДС 3588   |
|    |   | 10. Magnesium                                 | ВЛМ 10/2021                                      |
|    |   | 11. Calcium                                   | БДС ISO 6058                                     |
|    |   | 12. Iron                                      | БДС 16777<br>БДС EN ISO 17294-2                  |
|    |   | 13. Manganese                                 | БДС 16777<br>БДС EN ISO 17294-2                  |
|    |   | 14. Fluorine                                  | БДС 16911, cl. 1                                 |
|    |   | 15. Chromium                                  | БДС EN ISO 15586<br>БДС EN ISO 17294-2           |
|    |   | 16. Lead                                      | БДС EN ISO 15586<br>БДС EN ISO 17294-2           |
|    |   | 17. Copper                                    | БДС 16777<br>БДС EN ISO 17294-2                  |

Type of the scope: flexible for part of the scope

| №   | Tested Products   | Type of Test/Characteristic  | Testing methods<br>(standard / validated method) |
|-----|---|--|--|
| 1   | 2   | 3  | 4  |
|     |   | 18. Cadmium  | БДС EN ISO 15586<br>БДС EN ISO 17294-2           |
|     |   | 19. Zinc   | БДС 16777<br>БДС EN ISO 17294-2                  |
|     |   | 20. Nickel   | БДС EN ISO 15586<br>БДС EN ISO 17294-2           |
|     |   | 21. Aluminum   | БДС ISO 10566                                    |
|     |   | 22. Cyanides   | БДС 7214   |
|     |   | 23. Sodium   | БДС ISO 9964-3                                   |
|     |   | 24. Selenium   | ВЛМ 07/2015<br>БДС EN ISO 17294-2                |
|     |   | 25. Arsenic  | БДС ISO 17378-2<br>БДС EN ISO 17294-2            |
|     |   | 26. Antimony   | БДС ISO 17378-2<br>БДС EN ISO 17294-2            |
|     |   | 27. Mercury  | БДС EN ISO 12846<br>БДС EN ISO 17294-2           |
|     |   | 28. Borates  | БДС ISO 9390                                     |
|     |   | 29. Specific electrical conductivity   | БДС EN 27888                                     |
|     |   | 30. Highly volatile hydrocarbons:<br>chloroform; bromoform;<br>dibromochloromethane;<br>bromodichloromethane;<br>1,2 - dichloroethane;<br>tetrachloroethene;<br>trichloroethane; benzene | ВЛМ 04/2012                                      |
|     |   | 31. Pesticides *   | ВЛМ 03/2012<br>ВЛМ 08/2020                       |
|     |   | 32. Polycyclic aromatic hydrocarbons:<br>benzo (a) pyrene;<br>Benzo (b) fluoranthene;<br>Benzo (k) fluoranthene;<br>indeno (1,2,3 - c, d) pyrene;<br>benzo (g, h, i) perylene            | БДС EN ISO 17993                                 |
|     |   | 33. Natural uranium  | БДС EN ISO 17294-2                               |
|     |   | 34. Escherichia coli   | БДС EN ISO 9308-1/A1                             |
|     |   | 35. Coliform bacteria (coliforms)  | БДС EN ISO 9308-1/A1                             |
|     |   | 36. Intestinal enterococci / faecal streptococci   | БДС EN ISO 7899-2                                |
|     |   | 37. Spore-forming sulfite-reducing anaerobic bacteria (Clostridia)   | БДС EN 26461-2                                   |
|     |   | 38. Pseudomonas aeruginosa   | БДС EN ISO 16266                                 |
| II. | Water drinking (1); surface, intended for human consumption and household needs (2); from swimming pools (3); | 1. Calcium and magnesium sum (total hardness)  | БДС EN ISO 6059 (1)                              |
|     |   | 2. Active reaction /pH/  | БДС EN ISO 10523 (1, 3)                          |
|     |   | 3. Oxidizability   | БДС 3413 (1)<br>БДС 17.1.4.16 (1, 3)             |
|     |   | 4. Ammonium ions / Ammonia   | БДС 3587, cl. 2 (1)<br>БДС ISO 7150-1 (3)        |
|     |   | 5. Nitrites  | БДС EN 26777 (1, 3)                              |
|     |   | 6. Nitrates  | БДС 3758, cl. 1 (1)                              |
|     |   | 7. Chlorides   | БДС 3414 (1)                                     |



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

| № | Tested Products | Type of Test/Characteristic  | Testing methods<br>(standard / validated method)                      |
|---|-----------------|--|---|
| 1 | 2               | 3  | 4   |
|   |                 | 8. Total phosphorus (as phosphates)  | БДС EN ISO 6878, cl. 4 (1)  |
|   |                 | 9. Sulphates   | БДС 3588 (1)  |
|   |                 | 10. Magnesium  | ВЛМ 10/2021 (1)   |
|   |                 | 11. Calcium  | БДС ISO 6058 (1)  |
|   |                 | 12. Iron   | БДС ISO 6332, cl. 1a (1,3)<br>БДС 16777 (1)<br>БДС EN ISO 17294-2 (1) |
|   |                 | 13. Manganese  | БДС ISO 6333 (1,3)<br>БДС 16777 (1)<br>БДС EN ISO 17294-2 (1)         |
|   |                 | 14. Fluorine   | БДС 16911, cl. 1 (1)  |
|   |                 | 15. Chromium   | БДС EN ISO 15586<br>БДС EN ISO 17294-2                                |
|   |                 | 16. Lead   | БДС EN ISO 15586<br>БДС EN ISO 17294-2                                |
|   |                 | 17. Copper   | БДС 16777 (1)<br>БДС EN ISO 17294-2 (1)                               |
|   |                 | 18. Cadmium  | БДС EN ISO 15586<br>БДС EN ISO 17294-2                                |
|   |                 | 19. Zinc   | БДС 16777 (1)<br>БДС EN ISO 17294-2 (1)                               |
|   |                 | 20. Nickel   | БДС EN ISO 15586 (1)<br>БДС EN ISO 17294-2 (1)                        |
|   |                 | 21. Aluminum   | БДС ISO 10566   |
|   |                 | 22. Cyanides   | БДС 7214 (1)  |
|   |                 | 23. Sodium   | БДС ISO 9964-3 (1)  |
|   |                 | 24. Selenium   | ВЛМ 07/2015 (1)<br>БДС EN ISO 17294-2 (1)                             |
|   |                 | 25. Arsenic  | БДС ISO 17378-2 (1)<br>БДС EN ISO 17294-2 (1)                         |
|   |                 | 26. Antimony   | БДС ISO 17378-2 (1)<br>БДС EN ISO 17294-2 (1)                         |
|   |                 | 27. Mercury  | БДС EN ISO 12846 (1)<br>БДС EN ISO 17294-2 (1)                        |
|   |                 | 28. Borates  | БДС ISO 9390 (1)  |
|   |                 | 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)<br>ВУМ 08/2020 (1)                                    |
|   |                 | 32. Polycyclic aromatic hydrocarbons: Benzo (a) pyrene; benzo (b) fluoranthene; benzo (k) fluoranthene; indeno (1,2,3 - c, d) pyrene; benzo (g, h, i) perylene       | БДС EN ISO 17993 (1)  |

| <b>Type of the scope:</b> <i>flexible for part of the scope</i> |                        |  |  |
|---|------------------------|--|--|
| <b>№</b>  | <b>Tested Products</b> | <b>Type of Test/Characteristic</b>   | <b>Testing methods (standard / validated method)</b> |
| <b>1</b>  | <b>2</b>               | <b>3</b>   | <b>4</b>   |
|   |                        | 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 micro-organisms (microbial number) at 22/37°C                               | БДС EN ISO 6222 (1)<br>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)<br>БДС EN ISO 7899-2 (1)               |
|   |                        | 44. Salmonella   | БДС EN ISO 19250 (2)                                 |
| III.  | Washings and swabs     | 1. Total number of microorganisms (Total number aerobic mesophilic and facultative anaerobic microorganisms) | БДС EN ISO 4833-1<br>БДС EN ISO 4833-2               |
|   |                        | 2. Coli forms  | ISO 4831, cl. 9.1                                    |
|   |                        | 3. Coagulase positive staphylococci  | БДС EN ISO 6888-3+AC, cl. 9.1                        |
| IV.   | Cosmetic products      | 1. Total number aerobic mesophilic microorganisms (bacteria, moulds, yeasts)                                 | БДС EN ISO 16212<br>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 competence, the laboratory shall be authorized to identify the products marked by "\*" (column 2) by characteristics (column 3), according to the testing methods (column 4 and updated list of the standards with their dated versions), after verification (or validation), coverage by Certified reference materials (CRM)/Reference materials (RM) the respective characteristics and calibrated technical means. The laboratory shall keep detailed and dated list of the products, belonging to those, indicated in the accreditation scope.*

**Fixed scope references:**

|             |  |
|-------------|--|
| ВЛМ 03/2012 | Determination of pesticide residues content in water by GC/MS.                                       |
| ВЛМ 04/2012 | Determination of highly volatile hydrocarbons content in water by GC/MS and Head Space               |
| ВЛМ 07/2015 | Water quality. Determination of selenium content by atomic absorption spectrometry (hydride system). |
| ВЛМ 08/2020 | Determination of pesticide residues in water of LC/MS/MS.  |
| ВЛМ 10/2021 | Water quality. Determination of magnesium content. Titrimetric method.                               |

## I ORDER

To issue the certificate of accreditation reg. № 245 ЛИ/22.03.2024, valid until 26.08.2026, 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 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/23.02.2024, valid until 26.08.2026 and its enclosure, EA BAS order reg. № A 82/23.02.2024.

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

Заличено с цел спазване  
изискванията на ЗЗЛД

**Eng. Irena Borislavova**

*Executive Director of EA BAS*

