



EXECUTIVE AGENCY
BULGARIAN ACCREDITATION SERVICE

BAS reg. № 218 ЛИ

From: 30.07.2021

Valid until: 30.07.2025

CERTIFICATE OF ACCREDITATION

"VODOSNABDYAVANE – DUNAV" LTD

WATER TESTING LABORATORY

Address of management: 7200 Razgrad, 3A "Slivnitsa" Str.

Address of laboratory: 7200 Razgrad, Western Industrial Zone, "Balchik" Str.

UIC: 826043778

Scope of accreditation:

To perform testing of:

Drinking water, groundwater, wastewater, surface water

To perform sampling of:

Drinking water, groundwater, wastewater.

ACCREDITED ACCORDING TO БДС EN ISO/IEC 17025:2018

Order № A 465/30.07.2021 is an integral part of Certificate of Accreditation,
4 pages totally.

Date of initial accreditation: 03.04.2009

Date of re-accreditation: 30.07.2021

Executive director:

Eng. Irena Borislayova



BG 2021217



Republic of Bulgaria
Executive Agency
Bulgarian Accreditation Service



Signatory to the EA Multilateral Agreement in this field

ORDER

No A 465

Sofia, 30.07.2021

Pursuant to Art. 10, para. 1, item 4, Art. 28, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies and item 6 of BAS QR 2 Accreditation Procedure, in connection with a procedure for re-accreditation reg. № 76/218 ЛИ/ПА/26.10.2020, on-site assessment report by lead assessor №76/218 ЛИ/6/В/29.03.2021, №76/218 ЛИ/11/В/09.06.2021, № 76/218 ЛИ/14/В/17.06.2021 and Accreditation Commission statement № 76/218 ЛИ/17/В/29.06.2021, I hereby

RE-ACCREDIT

WATER TESTING LABORATORY TO "VODOSNABDYAVANE – DUNAV" LTD

Address of management: 7200 Razgrad, 3A "Slivnitsa" Str.

Address of laboratory: 7200 Razgrad, Western Industrial Zone, "Balchik" Str.

To perform testing of:

Type of scope: fixed

№	Tested products	Type of testing/characteristic	Test methods (standard/validated)
1	2	3	4
1	Drinking water (1) Groundwater (2) Wastewater (3) Surface water (4)	1.1. Color (according to Rublyov Scale)	БДС 8451:1977 (1)
		1.2. Taste	БДС 8451:1977 (1)
		1.3. Odour (at 20° C)	БДС 8451:1977 (1)
		1.4. Electrical conductivity	БДС EN 27888:2000 (1,2,4)
		1.5. Active reaction- pH	БДС 3424:1981 (1) БДС 17.1.4.27:1980 (2,3,4)
		1.6. Chlorides	БДС 3414:1980 (1) VLM 01/2006 (1, 2, 3, 4)
		1.7. Ammonium ions	VLM 04/2006 (1, 2)
		1.8. Nitrites / Nitrite nitrogen	VLM 03/2006 (1, 2, 3, 4)
		1.9. Nitrates / Nitrate nitrogen	VLM 02/2006 (1, 2, 3, 4)
		1.10. Phosphates	VLM 14/2006 (1, 2, 3, 4)
		1.11. Total hardness	БДС 3775:1987 (1)
		1.12. Calcium	БДС ISO 6058:2002 (1, 2) VLM 19/2007 (1, 2)
		1.13. Magnesium	VLM 33/2020 (1, 2)
		1.14. Iron	VLM 09/2006 (1, 2, 3, 4)
		1.15. Manganese	VLM 05/2006 (1, 2, 3, 4)
		1.16 Chromium (hexavalent) / Total chromium / Chromium	VLM 06/2006 (1, 2, 3, 4)

Type of scope: fixed			
№	Tested products	Type of testing/characteristic	Test methods (standard/validated)
1	2	3	4
		(trivalent)	
		1.17. Consumed oxygen	БДС 3413:1977 (1)
		1.18. Residual free chlorine	VLM 22/2007 (1)
		1.19. Sulfates	VLM 12/2006 (1, 2, 3, 4)
		1.20. Zinc	VLM 08/2006 (1, 2, 3, 4)
		1.21. Copper	VLM 11/2006 (1, 2, 3, 4)
		1.22. Fluorides	VLM 13/2006 (1, 2)
		1.23. Cyanides (total) / Cyanides (free)	VLM 16/2007 (1, 2, 3, 4)
		1.24. Aluminum	VLM 25/2012 (1, 2)
		1.25. Sodium	VLM 26/2012 (1, 2)
		1.26. Boron	VLM 27/2012 (1, 2)
		1.27. Total organic carbon	VLM 30/2012 (1, 2)
		1.28. Arsenic	VLM 31/2012 (1, 2, 3)
		1.29. Cadmium	VLM 07/2006 (1, 2, 3, 4)
		1.30. Lead	VLM 10/2006 (1, 2, 3, 4)
		1.31. Nickel	VLM 18/2007 (1, 2, 3, 4)
		1.32. Turbidity	БДС EN ISO 7027-1:2016, 5.1, 5.4(1, 2)
		1.33. Trihalomethanes	VLM 32/2012 (1)
		1.34. Total solids content, dissolved and suspended solids content	БДС 17.1.4.04:1980 (2, 3, 4)
		1.35. Potassium permanganate consuming capacity	БДС 17.1.4.16:1979 (3, 4)
		1.36. Chemical oxygen demand	VLM 20/2007 (3, 4)
		1.37. Biochemical oxygen demand after 5 days	БДС EN ISO 5815-1:2019 (3, 4) БДС EN 1899-2:2004 (3, 4)
		1.38. Dissolved oxygen	БДС EN 25813:2004 (2, 3, 4)
		1.39. Ammonium nitrogen	VLM 15/2007 (3, 4)
		1.40. Phenol	VLM 17/2007 (3, 4)
		1.41. Surfactants anionic	VLM 21/2007 (3, 4)
		1.42. Total nitrogen	VLM 23/2007 (3, 4)
		1.43. Total phosphorus	VLM 24/2007 (3, 4)
		1.44. Extractable substances	VLM 28/2008 (3, 4)
		1.45. Petroleum products	VLM 29/2008 (3, 4)

To take samples from:

Type of scope: fixed		
№	Product name	Sampling methods (standard/validated)
1	2	3
1	Drinking water	БДС ISO 5667-5:2013
2	Groundwater	БДС ISO 5667-11:2011
3	Wastewater	БДС ISO 5667-10:2020

References:

1. VLM 01/20p06 dated 18.09.2006
2. VLM 02/2006 dated 18.09.2006
3. VLM 03/2006 dated 20.09.2006
4. VLM 04/2006 dated 20.09.2006
5. VLM 05/2006 dated 27.09.2006
6. VLM 06/2006 dated 27.09.2006
7. VLM 07/2006 dated 27.09.2006
8. VLM 08/2006 dated 02.10.2006

- Calculating the content of chlorides
- Calculating the content of nitrates
- Calculating the content of nitrites
- Calculating the content of ammonium ions
- Calculating the content of manganese
- Calculating the content of chromium
- Calculating the content of cadmium
- Calculating the content of zinc

9. VLM 09/2006 dated 09.10.2006
10. VLM 10/2006 dated 09.10.2006
11. VLM 11/2006 dated 09.10.2006
12. VLM 12/2006 dated 06.11.2006
13. VLM 13/2006 dated 06.11.2006
14. VLM 14/2006 dated 06.11.2006
15. VLM 15/2007 dated 29.01.2007
16. VLM 16/2007 dated 29.01.2007
17. VLM 17/2007 dated 29.01.2007
18. VLM 18/2007 dated 07.02.2007
19. VLM 19/2007 dated 07.02.2007
20. VLM 20/2007 dated 15.02.2007
21. VLM 21/2007 dated 27.08.2007
22. VLM 22/2007 dated 27.08.2007
23. VLM 23/2007 dated 24.10.2007
24. VLM 24/2007 dated 25.10.2007
25. VLM 25/2012 dated 02.04.2012
26. VLM 26/2012 dated 02.04.2012
27. VLM 27/2012 dated 03.04.2012
28. VLM 28/2008 dated 09.04.2008
29. VLM 29/2008 dated 09.04.2008
30. VLM 30/2012 dated 03.04.2012
31. VLM 31/2012 dated 04.04.2012
32. VLM 32/2012 dated 05.04.2012
33. VLM 33/2020 dated 20.10.2020

Calculating the content of iron
Calculating the content of lead
Calculating the content of copper
Calculating the content of sulfates
Calculating the content of fluorides
Calculating the content of phosphates
Calculating the content of ammonium nitrogen
Calculating the content of cyanides
Calculating the content of phenol
Calculating the content of nickel
Calculating the content of calcium
Calculating the content of chemical oxygen demand
Calculating the content of surfactants anionic
Calculating the content of free chlorine
Calculating the content of total nitrogen
Calculating the content of total phosphorus
Calculating the content of aluminum
Calculating the content of sodium
Calculating the content of boron
Calculating the content of extractable substances
Calculating the content of petroleum products
Calculating the content of total organic carbon
Calculating the content of arsenic
Calculating the content of trihalomethanes
Calculating the content of magnesium

I HEREBY ORDER:

To issue the Certificate of accreditation reg. № 218 ЛИ/30.07.2021, valid until 30.07.2025 and this order as an integral part of it.

The Certificate of accreditation with the enclosure should be obtained from manager of "VODOSNABDYAVANE – DUNAV" LTD, the head of Water Testing Laboratory to "VODOSNABDYAVANE – DUNAV" LTD or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, Water Testing Laboratory to "VODOSNABDYAVANE – DUNAV" LTD is obliged to return to EA BAS the originals of Certificate of accreditation reg. № 218 ЛИ/09.07.2020, valid until 28.04.2021 and the enclosure Order for accreditation № A 390/09.07.2020.

This Order shall be notified to Water Testing Laboratory to "VODOSNABDYAVANE – DUNAV" LTD within 3 (three) days from its issuance.

Eng. Irena Borislavova:

Executive Director of
Executive Agency
"Bulgarian Accreditation Service"

