REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 272

Sofia, 11.08.2025

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. f) of the BAS QR 2 Accreditation Procedure and EA BAS order reg. № A 271/11.08.2025, I hereby

AMEND

EA BAS order reg. № A 189/13.06.2025 at
certificate of accreditation reg. № 9 ЛИ/13.06.2025 valid until 29.05.2028 as follows:

EUROTEST-CONTROL EAD
TESTING LABORATORY DIRECTORATE

Management address: 1517 Sofia, Poduyane, 108 Besarabia Str.
Laboratory address: 1517 Sofia, Poduyane, 108 Besarabia Str.

To perform testing of:

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
1.	Water: drinking (1), mineral (2), surface (3), ground (4), from swimming pools (5), waste (6)	1.1. Odor	БДС 17.1.4.01 (6) БДС 8451 (1÷5)
		1.2. Taste	БДС 8451 (1,2,4)
		1.3. Temperature	БДС 8451 (1÷4) БДС 17.1.4.01 (6)
		1.4. Color	БДС 8451 (1÷5) БДС 17.1.4.01 (6)
		1.5. Turbidity	БДС EN ISO 7027-1 (1÷4,6)
		1.6. pH	БДС EN ISO 10523 (1÷6)
		1.7. Oxidation Reduction Potential (Eh)	ASTM D 1498 (2÷4,6)
		1.8. Electrical conductivity	БДС EN 27888, cl. 7.2 (1÷6)
		1.9. Total dry residue	БДС 17.1.4.04 (2÷4,6) БДС 3546 (1)
		1.10. Total mineralization	ETC 7.1.3-44/2014 (1÷4, 6)

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Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		1.11. Total Dissolved Substances (TDS)	БДС 17.1.4.04 (1,3,4,6) БДС EN 15216 (3,6)
		1.12. Undissolved solids	БДС 17.1.4.04 (2÷6)
		1.13. Suspended solids	БДС EN 872 (1,3,4,6)
		1.14. Permanganate oxidation	БДС 17.1.4.16 (2÷6) БДС 3413 (1,2,5)
		1.15. Chemical Oxygen Demand (COD)	БДС ISO 15705 (1÷6)
		1.16. Biochemical oxygen demand after n days (BODn)	БДС EN ISO 5815-1, cl. 9.6.1 (1,3,4,6) БДС EN ISO 5815-1 cl. 9.6.2 (1,3,4,6) БДС EN 1899-2 cl. 7.2.1 (1,3,4,6) БДС EN 1899-2 cl. 7.2.2 (1,3,4,6)
		1.17. Dissolved oxygen - % saturation	БДС EN 25813 (1,3,4,6) БДС EN ISO 5814 (1,3,4,6)
		1.18. Total hardness	БДС ISO 6059 (1÷5) EPA 130.2 (6)
		1.19. Calcium/Ca	БДС ISO 6058 (1÷5) БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.20. Magnesium/Mg	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.21. Carbonates	ETC 7.1.3-6/2014 (1÷4,6) БДС EN ISO 9963-1, cl. 8.2) (1÷4,6)
		1.22. Hydrogencarbonates	ETC 7.1.3-6/2014 (1÷4,6) БДС EN ISO 9963-1, cl. 8.2 (1÷4,6)
		1.23. Alkalinity	ETC 7.1.3-6/2014 (1÷4,6) БДС EN ISO 9963-1, cl. 8.2 (1÷4,6)
		1.24. Carbonate hardness	ETC 7.1.3-6/2014 (1÷4,6)
		1.25. Nitrogen (total)	ETC 7.1.3-19/2010 (3,4,6)
		1.26. Kjeldahl Nitrogen	БДС EN 25663 (3,6)
		1.27. Ammonium ions/ Ammonium (NH_4^+)	ETC 7.1.3-18/2010 (1÷6) БДС 17.1.4.10, cl. 2 (3,4,6) БДС 3587, cl. 2) (1)
		1.28. Nitrogen – ammonium ($N\text{-}NH_4^+$)	ETC 7.1.3-18/2010 (1÷6) БДС 17.1.4.10, cl. 2 (3,4,6) БДС 3587, cl. 2 (1)
		1.29. Nitrites	ETC 7.1.3-16/2021, cl. 8.2.1 (1÷6) БДС EN ISO 10304-1 (1÷6)
		1.30. Nitrite nitrogen	БДС EN ISO 10304-1 (1÷6)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		($N\text{-}NO_2$-)	ETC 7.1.3-16/2021, cl. 8.2.1 (1÷6)
		1.31. Nitrates	БДС EN ISO 10304-1 (1÷6)
		1.32. Nitrate nitrogen ($N\text{-}NO_3$-)	БДС EN ISO 10304-1 (1÷6)
		1.33. Residual free chlorine	БДС EN ISO 7393-2 (1,4,5)
		1.34. Total chlorine	БДС EN ISO 7393-1 (6) ETC 7.1.3-20/2010 (6)
		1.35. Chlorides	БДС EN ISO 10304-1 (1÷6)
		1.36. Sulphates	БДС EN ISO 10304-1 (1÷6)
		1.37. Hydrogen sulphide	БДС 17.1.4.09, cl. 2 (2÷4,6)
		1.38. Sulphides (S_2-)	ETC 7.1.3-22/2010 (1÷4,6)
		1.39. Sulphides (expressed as S)	ETC 7.1.3-22/2010 (6)
		1.40. Phosphorus/P	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.41. Phosphates/Orthophosphates - expressed as phosphorus (PO_4^{3-}-P) - expressed as P_2O_5	ETC 7.1.3-21/2021, cl. 8.2.1 (1÷6) ETC 7.1.3-21/2021, cl. 8.2.2 (3) БДС EN ISO 10304-1 (1÷6) ETC 7.1.3-21/2021, cl.8.2.1 (1÷6) ETC 7.1.3-21/2021, cl. 8.2.2 (3) БДС EN ISO 10304-1 (1÷6) ETC 7.1.3-21/2021, cl. 8.2.1 (1÷6) БДС EN ISO 10304-1 (1÷6)
		1.42. Fluorides	БДС EN ISO 10304-1 (1÷6)
		1.43. Iodides	БДС EN ISO 10304-3 (1÷4,6)
		1.44. Bromides	БДС EN ISO 10304-1 (1÷4,6)
		1.45. Bromates	ETC 7.1.3-49/2021, cl. 8.2.2 (2) БДС EN ISO 15061 (1÷4)
		1.46. Boron/B	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.47. Metaboric acid	ETC 7.1.3-5/2014 (1÷4,6)
		1.48. Total Organic Carbon (TOC)	ETC 7.1.3-27/2010 (1÷6) БДС EN 1484 (1÷6)
		1.49. Dissolved Organic Carbon (DOC)	ETC 7.1.3-27/2010 (3,4,6) БДС EN 1484 (3,4,6)
		1.50. Free Carbon Dioxide	ETC 7.1.3-10/2014 (1÷4,6)
		1.51 Chlorates	БДС EN ISO 10304-4 (1,4)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		1.52 Chlorites	БДС EN ISO 10304-4 (1,4)
		1.53. Silicon/Si	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.54. Metasilicic acid	ETC 7.1.3-1/2021 (1÷4,6)
		1.55. Silicon dioxide (SiO_2)	ETC 7.1.3-1/2021 (1,3,4,6)
		1.56. Cyanides (free)	ETC 7.1.3-41/2021, cl. 8.2.1 (3,4,6) ETC 7.1.3-41/2021, cl. 8.2.2 (3)
		1.57. Cyanides (easily liberatable)	ISO 6703-2 (Section 2) (3,4,6)
		1.58. Cyanides (total)	БДС ISO 6703-1 (Section 2) (1÷4,6)
		1.59. Anionic surfactants	ETC 7.1.3-45/2021 (3,6)
		1.60. Absorbable organic halogens (AOX)	ETC 7.1.3-26/2010 (3,4,6)
		1.61. Aluminium /Al	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.62. Antimony/Sb	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.63. Arsenic/As	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.64. Barium/Ba	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.65. Beryllium/Be	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.66. Bismuth/Bi	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.67. Vanadium/V	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.68. Tungsten/W	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.69. Gallium/Ga	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.70. Iron/Fe	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.71. Mercury/Hg	ETC 7.1-40/2016, cl. 8.1 and cl. 8.2, (1÷6) БДС EN ISO 17852 (1,3,4)
		1.72. Indium/In	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.73. Cadmium/Cd	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.74. Tin/Sn	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.75. Potassium/K	БДС ISO 9964-3 (1÷4)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		1.76. Cobalt/Co	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.77. Lithium/Li	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.78. Manganese/Mn	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.79. Copper/Cu	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.80. Molybdenum/Mo	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.81. Sodium/Na	БДС ISO 9964-3 (1÷4) БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.82. Nickel/Ni	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.83. Lead/Pb	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.84. Selenium/Se	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.85. Silver/Ag	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.86. Strontium/Sr	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.87. Sulfur/S	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.88. Titanium/Ti	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.89. Chromium/Cr	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.90. Chromium (hexavalent)	БДС 17.1.4.17 (2÷4,6) ISO 11083, cl. 7.1) (1÷4,6) БДС EN ISO 18412 (3)
		1.91. Chromium (trivalent)	БДС 17.1.4.17 (2÷4,6)
		1.92. Zinc/Zn	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.93. Zirconium/Zr	БДС EN ISO 11885 cl. 9.5.1 and cl. 9.5.3 (1÷6)
		1.94. Phenols	ETC 7.3-10/2021 (3,4,6)
		1.95. Phenol Index	БДС ISO 6439 (Method A, Method B) (1,3,6) ETC 7.3-10/2021 (1,3,6)
		1.96. Petroleum products /non-polar hydrocarbons C10-C40/	БДС EN ISO 9377-2 (3,4,6)
		1.97. Total extractable hydrocarbons C_{10}-C_{40}	ETC 7.3-23/2016 (3,4,6)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		1.98. Volatile Organic Compounds (VOC)**	ETC 7.3-1/2020 (1÷4,6) БДС EN ISO 10301 (Section 3) (1÷4,6) БДС EN ISO 20595 (1÷4,6) БДС EN 14207 (1)
		1.99. Polycyclic aromatic hydrocarbons (PAH)	ISO 28540 (1÷4,6)
		1.100. Polychlorinated biphenyls**	ETC 7.3-28/2021 (1÷4,6)
		1.101. Pesticides**	ETC 7.3-28/2021 (1÷4,6)
		1.102. Carbamates**	ETC 7.3-28/2021 (1÷4,6)
		1.103. Nonylphenols, Octylphenols**	ASTM D 7485 (1÷4)
		1.104. Per- and polyfluoroalkyl substances (PFAS)**	ISO 21675 (1÷4,6) БДС EN 17892 (1)
		1.105. Haloacetic acids**	ETC 7.3-27/2023 (1÷5)
		1.106. Fats (vegetable oils and animal fats)	ETC 7.3-31/2012 (3,4,6)
		1.107. Microcystin - LR	ISO 22104 (1,3,4)
		1.108. Natural uranium	ETC 7.1.3-30/2021 (1÷4,6) ETC 7.1-53/2018, cl. 8.2.1 (1÷4) ETC 7.1-53/2018, cl. 8.2.2 (1÷4)
		1.109. Radium 226	БДС 12575 (2÷4)
		1.110. Total beta activity	БДС 12577 (1÷4)
2.	Soils (1), sludge and sediments (2)	2.1. pH	БДС EN ISO 10390 (1,2)
		2.2. Electrical conductivity	СД CEN/TS 15937 (1,2)
		2.3. Total water-soluble salts content	БДС 11301 (1)
		2.4. Dry matter/Dry residue	БДС EN 15934 (Method A) (1,2) ISO 11465+Cor.1 (1) БДС EN 12880 (2)
		2.5. Moisture	ISO 11465+Cor.1 (1) БДС EN 12880 (2)
		2.6. Organic matter/Total amount of humus – by a method of Turin	БДС 11302 (1) ETC 7.1.3-11/2010 (1,2)
		2.7. Total Nitrogen / Kjeldahl Nitrogen	БДС ISO 11261 (1) БДС EN 13342 (2) БДС EN 16169 (1,2) БДС ISO 13878 (1)
		2.8. Aluminium /Al	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.9. Antimony/Sb	БДС EN ISO 22036 (1,2)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
			ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.10. Arsenic/As	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.11. Barium/Ba	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.12. Beryllium/Be	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.13. Bismuth/Bi	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.14. Boron/B	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.15. Vanadium /V	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.16. Tungsten /W	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.17. Total Carbon (TC)	ETC 7.3-2/2016 (1,2) БДС EN 15936 (Method B) (1,2) ISO 10694 (1)
		2.18. Total organic carbon (TOC)	ETC 7.3-2/2016 (1,2) БДС EN 15936 (Method B) (1,2) ISO 10694 (1)
		2.19. Total inorganic carbon (TIC)	ETC 7.3-2/2016 (1,2)
		2.20. Gallium /Ga	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.21. Iron/Fe	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.22. Mercury/Hg	ETC 7.1-16/2014 (2) БДС EN 16175-2 (1,2) ETC 7.1-33/2010 (1)
		2.23. Gold/Au	ETC 7.1-4/2017, cl. 8.2.2 (1,2) ETC 7.1-4/2017, cl. 8.2.1 (1,2) ETC 7.1-42/2016, cl. 8.2.4.1) (1) ETC 7.1-42/2016, cl. 8.2.5 (1)
		2.24. Yttrium /Y	ETC 7.1-29/2019 (1,2)
		2.25. Cadmium /Cd	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.26. Tin/Sn	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		2.27. Potassium /K - exchangeable forms of Potassium/K (expressed as K_2O)	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1.3-13/2010 (1) ETC 7.1-28/2017 (1) БДС EN ISO 11260 (1,2)
		2.28. Calcium/Ca - exchangeable forms of Calcium/Ca	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1) БДС EN ISO 11260 (1,2)
		2.29. Cobalt/Co	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.30. Lanthanum /La	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.31. Lithium /Li	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.32. Magnesium /Mg - exchangeable forms of Magnesium /Mg	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1) БДС EN ISO 11260 (1,2)
		2.33. Manganese /Mn	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.34. Copper/Cu	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1) ETC 7.1-10/2017 (1,2)
		2.35. Molybdenum/Mo	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.36. Sodium/Na	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.37. Nickel/Ni	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.38. Lead/Pb	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.39. Selenium/Se	БДС EN ISO 22036 (1,2) ETC 7.1-28/2017 (1)
		2.40. Silicon/Si	ETC 7.1-18/2017 (2)
		2.41. Silver/Ag	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		2.42. Strontium /Sr	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.43. Sulphur (total)	БДС ISO 15178 (1) ETC 7.3-7/2018 (2)
		2.44. Thallium /Tl	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.45. Tellurium /Te	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.46. Titanium /Ti	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.47. Phosphorus /P - exchangeable forms of Phosphorus/P (expressed as P_2O_5)	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1.3-13/2010 (1) ETC 7.1-28/2017 (1) ETC 7.1-28/2017 (1,2)
		2.48. Chromium /Cr	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.49. Zinc/Zn	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2) ETC 7.1-28/2017 (1)
		2.50. Zirconium/Zr	БДС EN ISO 22036 (1,2) ETC 7.1-29/2019 (1,2)
		2.51. Carbonates	ETC 7.1.3-6/2014 (1,2)
		2.52. Hydrogencarbonates	ETC 7.1.3-6/2014 (1,2)
		2.53. Chlorides	ETC 7.1.3-35/2010 (1,2)
		2.54. Ammonium	ETC 7.1.3-18/2010 (1,2)
		2.55. Ammonium nitrogen ($N\text{-}NH_4+$)	ETC 7.1.3-18/2010 (1) ISO/TS 14256-1 (1,2)
		2.56. Nitrites	ETC 7.1.3-35/2010 (1,2)
		2.57. Nitrite Nitrogen ($N\text{-}NO_2\text{-}$)	ETC 7.1.3-35/2010 (1)
		2.58. Nitrates	ETC 7.1.3-35/2010 (1,2)
		2.59. Nitrate Nitrogen ($N\text{-}NO_3\text{-}$)	ETC 7.1.3-35/2010 (1) ISO/TS 14256-1 (1,2)
		2.60. Phosphates	ETC 7.1.3-21/2021, cl. 8.2.1 (1,2) ETC 7.1.3-35/2010 (1,2)
		2.61. Sulphates/ - recalculated as S	ETC 7.1.3-35/2010 (1)
			ETC 7.1.3-35/2010 (2)
		2.62. Cyanides (total)	ISO 11262, cl. 9 (1)
		2.63. Petroleum products /non-polar hydrocarbons C_{10}-C_{40}/	БДС EN ISO 16703 (1,2) ETC 7.3-26/2010 (2)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		2.64. Volatile Organic Compounds (VOC)**	БДС EN ISO 22155 (1,2)
		2.65. Polycyclic aromatic hydrocarbons (PAH)	ISO 18287 (Method B) (1,2) БДС EN 17503 (1,2)
		2.66. Polychlorinated biphenyls**	БДС EN 17322 (1,2) ETC 7.3-6/2023 (1,2)
		2.67. Pesticides**	ETC 7.3-6/2023 (1,2)
		2.68. Fats (vegetable oils and animal fats)	ETC 7.3-31/2012 (1)
		2.69. Calorific value	БДС EN 15170 (2)
3.	Construction soils /soil mechanics/	3.1. Water content	БДС EN ISO 17892-1 AASHTO T 265
		3.2. Specific particle density	БДС EN ISO 17892-3
		3.3. Bulk density: 3.3.1. in natural condition 3.3.2. skeleton 3.3.3. Pore volume 3.3.4. Voids ratio 3.3.5. Sand cone method	БДС EN ISO 17892-2 AASHTO T 191
		3.4. Liquid and plastic limits: - liquid limit by the fall cone method, W_l - Plastic limit, W_p - Plastic index, I_p - liquidity index, I_l - consistency index, I_c	БДС EN ISO 17892-12
		3.5. Consistency index by Atterberg's Method - liquid limit, W_l - plastic limit, W - plastic index, I_p	AASHTO T 89 AASHTO T 90
		3.6. Water saturation degree Sr	БДС EN ISO 17892-10 cl. 7.5
		3.7. Particle size distribution	БДС EN ISO 17892-4 AASHTO T 88
		3.8. Compression properties: - specific subsidence/ vertical deformation - compression module - modulus of elasticity - compacting factor - void ratio - relative swelling, $S_н$ - swelling stress, $σ_н$ - coefficient of consolidation, Cv	БДС EN ISO 17892-5
		3.9. Plate load test - modulus of deformation - modulus of elasticity - modulus ratio E2/E1	БДС 15130

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		3.10. Laboratory determination of settlement /macro-pore volume/	БДС 14783
		3.11. Direct shear test in a single-platform apparatus: - angle of internal friction - cohesion - angle of internal friction (residual) - cohesion (residual)	БДС EN ISO 17892-10
		3.12. Proctor test: - optimal water content - maximum bulk density	БДС 17146 БДС EN 13286-2
		3.13. Unconfined compression - unconfined compressive strength q_u - undrained shear strength c_u - axial deformation at failure ε	БДС EN ISO 17892-7
		3.14. Unconsolidated undrained triaxial test (UU test): - deviator stress ($\sigma1$-$\sigma3$) - undrained cohesion $c_{u'}$ - axial deformation at failure ε - cohesion c_u - angle of internal friction φ_u	БДС EN ISO 17892-8
		3.15. Consolidated undrained triaxial test (CU test): - deviator stress ($\sigma1$-$\sigma3$) - pore pressure u - axial deformation at failure ε_1 - cohesion c' - angle of internal friction φ'	БДС EN ISO 17892-9
		3.16. Consolidated drained triaxial test (CD test): - deviator stress ($\sigma1$-$\sigma3$) - axial deformation at failure ε_1 - volume deformation at failure εvol - cohesion c' - angle of internal friction φ'	БДС EN ISO 17892-9
		3.17. Water permeability coefficient	БДС 8497
		3.18. Californian bearing ratio (CBR) - penetration 2.5 mm	БДС EN 13286-47

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		- penetration 5.0 mm	
		3.19. Total water content of soluble salts	БДС 11301
		3.20. Organic substances	БДС 11302
		3.21. Aggressiveness Determination in aqueous extract of: 3.21.1. pH	БДС EN ISO 10390
		3.21.2. Magnesium salts	ETC 7.1.3-31/2010
		3.21.3. Sulphates	ETC 7.1.3-35/2010
		3.21.4. Chlorides	ETC 7.1.3-35/2010
4.	Aggregates (1), rocks and minerals (2)	4.1. Water content (moisture, natural humidity)	БДС EN 1097-5 (1) ETC 7.1-18/2017 (1,2) ETC 7.1-3/2022 (1,2) БДС 12159 (2)
		4.2. Loss on ignition	БДС EN 1744-1+A1, cl. 17 (1) ETC 7.1-18/2017 (1,2) ETC 7.1-3/2022 (1,2)
		4.3. Particle size distribution	БДС EN 933-1 (1) БДС ISO 2591-1 (1,2)
		4.4. Fine fraction content	БДС EN 933-1 (1)
		4.5. Sand size module/fineness of the sand	БДС EN 12620+A1 Annex B (1)
		4.6. Flat grains index (Flakiness)	БДС EN 933-3 (1)
		4.7. Shape factor	БДС EN 933-4 (1)
		4.8. Percentage content of: - totally crushed grains - crushed grains - fully rounded grains	БДС EN 933-5 (1)
		4.9. Shell content in coarse aggregates	БДС EN 933-7 (1)
		4.10. Sand equivalent	БДС EN 933-8+A1 (1)
		4.11. Methylene blue	БДС EN 933-9 (1)
		4.12. Grain length	БДС EN 13450+AC, cl. 6.7 (1)
		4.13. Resistance to freezing (weight loss)	БДС EN 1367-1 (1) БДС EN 13055 (1) БДС EN 12371 (2)
		4.14. Resistance in a magnesium sulphate solution	БДС EN 1367-2 (1)
		4.15. Loose Bulk density	БДС EN 1097-3 (1)
		4.16. Voids percentage	БДС EN 1097-3 (1)
		4.17. Specific (bulk) density of fine filler in kerosene	БДС EN 1097-3 Annex A cl. A1 to cl. A6) (1)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		4.18. Particles bulk density of fine filler. Pycnometer method	БДС EN 1097-7 (1)
		4.19. Particle density: - specific ρ_a, - at dry condition ρ_{rd}, - saturated and surface dry grain sρssd	БДС EN 1097-6 cl. 7, cl. 8, cl. 9 (1)
		4.20. Bulk density	БДС EN ISO 17892-2 (2)
		4.21. Specific density	БДС EN ISO 17892-3 (2)
		4.22. Pore volume	БДС EN ISO 17892-2 (2)
		4.23. Voids radio	БДС EN ISO 17892-2 (2)
		4.24. Water absorbing capacity till constant mass	БДС 12159 (2)
		4.25. Water absorption	БДС EN 1097-6 cl. 7, cl. 8, cl. 9) (1)
		4.26. Water absorption in atmospheric pressure	БДС EN 13755 (2)
		4.27. Resistance to wear (micro- Deval)	БДС EN 1097-1 (Annex A) (1)
		4.28. Resistance to fragmentation	БДС EN 1097-2, cl. 5, Annex A, cl. A.1.2 (1)
		4.29. Uniaxial compressive strength: 4.29.1. in dry condition 4.29.2. in water saturated condition 4.29.3. after freeze / thaw cycles	БДС EN 1926 (2) ASTM D 7012 (Method C) (2)
		4.30. Triaxial compressive strength: - cohesion c - angle of internal friction φ	ASTM D 7012 (Method A) (2)
		4.31. Static elastic module	БДС EN 14580 (2)
		4.32. Elastic modulus at uniaxial compression E	ASTM D 7012 (Method D) (2)
		4.33 Elastic module at triaxial compression E	ASTM D 7012 (Method B) (2)
		4.34. Poisson's ratio v	ASTM D 7012 (Method D) (2)
		4.35. Monoplane shear with pressure in inclined matrices - angle of internal friction φ - cohesion c	ETC 7.2.1-30/2010 (2)
		4.36. Direct Shear strength at constant normal load: - angle of internal friction φ - cohesion c	ASTM D 5607 (2)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		4.37. Splitting Tensile Strength diametral line compression method /Brazilian method/ - in dry condition - in water saturated condition	ASTM D 3967 (2)
		4.38. Point Load Strength Index of Rock	ASTM D 5731 (2)
		4.39. California bearing ratio (CBR) - penetration 2.5 mm - penetration 5.0 mm	БДС EN 13286-47 (1,2)
		4.40. Proctor compaction test: - optimal water content - maximum skeletal density	БДС EN 13286-2 (1,2)
		4.41. Aluminium/Al - expressed as Al_2O_3	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-18/2017 (1,2)
		4.42. Antimony/Sb	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.43. Arsenic/As	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.44. Barium/Ba	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.45. Beryllium/Be	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.46. Bismuth/Bi	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.47. Boron/B	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.48. Vanadium/V	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.49. Tungsten/W	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.50. Total carbon (TC)	ETC 7.3-2/2016 (2)
		4.51. Total organic carbon (TOC)	ETC 7.3-2/2016 (2)
		4.52. Total inorganic carbon (TIC)	ETC 7.3-2/2016 (2)
		4.53. Gallium/Ga	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.54. Iron/Fe - expressed as Fe_2O_3	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-18/2017 (1,2)
		4.55. Mercury/Hg	ETC 7.1-16/2014 (1,2)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		4.56. Gold/Au	ETC 7.1-4/2017, cl. 8.2.2 (2) ETC 7.1-4/2017, cl. 8.2.1 (2) ETC 7.1-42/2016, cl. 8.2.4.1 (2) ETC 7.1-42/2016, cl. 8.2.4.2 (2) ETC 7.1-42/2016, cl. 8.2.5 (2)
		4.57. Yttrium/Y	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.58. Cadmium/Cd	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.59. Tin/Sn	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.60. Potassium/K - expressed as K_2O	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-18/2017 (1,2)
		4.61. Calcium/Ca - expressed as CaO	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-18/2017 (1,2)
		4.62. Cobalt/Co	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.63. Lanthanum/La	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.64. Lithium/Li	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.65. Magnesium/Mg - expressed as MgO	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-18/2017 (1,2)
		4.66. Manganese/Mn - expressed as MnO	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-18/2017 (1,2)
		4.67. Copper/Cu	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-10/2017 (2)
		4.68. Molybdenum/Mo	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.69. Sodium/Na - expressed as Na_2O	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-18/2017 (1,2)
		4.70. Nickel/Ni	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		4.71. Lead/Pb	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.72. Palladium/Pd	ETC 7.1-42/2016, cl. 8.2.5 (2)
		4.73. Platinum/Pt	ETC 7.1-42/2016, cl. 8.2.5 (2)
		4.74. Silicon/Si - expressed as SiO_2	ETC 7.1-18/2017 (1,2)
		4.75. Silver/Ag	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-13/2016 (2)
		4.76. Strontium/Sr	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.77. Sulphur (total)	ETC 7.3-7/2018 (2) БДС EN 1744-1+A1, cl. 11 (1,2)
		4.78. Sulphur (sulphide)	ETC 7.1-25/2017 (1,2)
		4.79. Sulphur (sulphate)	ETC 7.1-25/2017 (1,2)
		4.80. Thallium/Tl	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.81. Tellurium/Te	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.82. Titanium/Ti - expressed as TiO_2	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-18/2017 (1,2)
		4.83. Phosphorus/P - expressed as P_2O_5	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2) ETC 7.1-18/2017 (1,2)
		4.84. Chromium/Cr	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.85. Zinc/Zn	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.86. Zirconium/Zr	ETC 7.1-29/2019 (1,2) EPA 6010D (1,2)
		4.87. X-ray fluorescence analysis of elements/oxides 4.87.1. Silicon (Si)/ Silicon dioxide (SiO2) 4.87.2. Aluminum (Al)/ Aluminium oxide (Al_2O_3) 4.87.3. Magnesium (Mg)/ Magnesium Oxide (MgO) 4.87.4. Sodium (Na)/Sodium oxide (Na_2O) 4.87.5. Titanium (Ti)/ Titanium Dioxide (TiO_2)	ETC 7.1-3/2022 (1,2)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		4.87.6. Iron (Fe)/ Ferric oxide (Fe_2O_3) 4.87.7. Potassium (K)/ Potassium oxide (K_2O) 4.87.8. Calcium (Ca)/ Calcium Oxide (CaO) 4.87.9. Manganese (Mn)/ Manganese oxide (MnO) 4.87.10. Phosphorus (P)/ Phosphorus pentoxide (P_2O_5) 4.87.11. Barium (Ba)/ Barium Oxide (BaO) 4.87.12. Chromium (Cr)/ Chromium Oxide (Cr_2O_3) 4.87.13. Sulfur (S)/ Sulfur trioxide (SO3) 4.87.14. Strontium (Sr) / Strontium oxide (SrO) 4.87.15. Vanadium (V)/ Vanadium pentoxide (V_2O_5)	
		4.88. Alkaline reactive ability	БДС 14851, cl. 8 (1)
		4.89. Substances content insoluble in hydrochloric acid	БДС 5668 (2)
		4.90. Water-soluble chlorides	БДС EN 1744-1+A1, cl. 9 (1)
		4.91. Water-soluble sulphates - expressed as SO_3 / expressed as SO_4 - expressed as SO_4	БДС EN 1744-1+A1, cl. 10.1 (1) БДС EN 1744-1+A1, cl. 10.2 (1)
		4.92. Acid soluble sulphates - expressed as SO_3 / expressed as SO_4	БДС EN 1744-1+A1, cl. 12 (1)
		4.93. Low weight contamination	БДС EN 1744-1+A1, cl. 14.2 (1)
		4.94. Organic components /humus/	БДС EN 1744-1+A1, cl. 15.1 (1)
		4.95. Water solubility	БДС EN 1744-1+A1, cl. 16 (1)
5.	Ores and products from processing thereof	5.1. Moisture	БДС ISO 10251 БДС 14831 БДС ISO 9599 ETC 7.1-3/2022 ETC 7.1-18/2017
		5.2. Loss on ignition	ETC 7.1-3/2022 ETC 7.1-18/2017
		5.3. Particle size distribution composition	БДС 15443 БДС ISO 2591-1
		5.4. Chemical elements from Na to U	БДС 17389 ISO 22309

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		5.5. Aluminium/Al - expressed as Al_2O_3	EPA 6010D ETC 7.1-29/2019
		5.6. Antimony/Sb	EPA 6010D ETC 7.1-29/2019
		5.7. Arsenic/As	EPA 6010D ETC 7.1-29/2019
		5.8. Barium/Ba	EPA 6010D ETC 7.1-29/2019
		5.9. Beryllium/Be	EPA 6010D ETC 7.1-29/2019
		5.10. Bismuth/Bi	EPA 6010D ETC 7.1-29/2019
		5.11. Boron/B	EPA 6010D ETC 7.1-29/2019
		5.12. Vanadium/V	EPA 6010D ETC 7.1-29/2019
		5.13. Tungsten/W	EPA 6010D ETC 7.1-29/2019
		5.14. Carbon	ETC 7.3-22/2010
		5.15. Gallium/Ga	EPA 6010D ETC 7.1-29/2019
		5.16. Iron/Fe - expressed as Fe_2O_3	EPA 6010D ETC 7.1-29/2019
		5.17. Mercury/Hg	ETC 7.1-16/2014
		5.18. Gold/Au	ETC 7.1-4/2017, cl. 8.2.2 ETC 7.1-4/2017, cl. 8.2.1 БДС ISO 10378 AS 3895.1 ETC 7.1-42/2016, cl. 8.2.5 ETC 7.1-42/2016, cl. 8.2.4.1 ETC 7.1-42/2016, cl. 8.2.4.2
		5.19. Yttrium/Y	EPA 6010D ETC 7.1-29/2019
		5.20. Cadmium/Cd	EPA 6010D ETC 7.1-29/2019
		5.21. Tin/Sn	EPA 6010D ETC 7.1-29/2019
		5.22. Potassium/K - expressed as K_2O	EPA 6010D ETC 7.1-29/2019
		5.23. Calcium/Ca - expressed as CaO	EPA 6010D ETC 7.1-29/2019
		5.24. Cobalt/Co	EPA 6010D

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
			ETC 7.1-29/2019
		5.25. Lanthanum/La	EPA 6010D ETC 7.1-29/2019
		5.26. Lithium/Li	EPA 6010D ETC 7.1-29/2019
		5.27. Magnesium/Mg - expressed as MgO	EPA 6010D ETC 7.1-29/2019
		5.28. Manganese/Mn - expressed as MnO	EPA 6010D ETC 7.1-29/2019
		5.29. Copper/Cu	EPA 6010D ETC 7.1-29/2019 ETC 7.1-10/2017 ETC 7.1-41/2016 БДС ISO 10258, cl. 7.4
		5.30. Molybdenum/Mo	EPA 6010D ETC 7.1-29/2019
		5.31. Sodium/Na - expressed as Na_2O	EPA 6010D ETC 7.1-29/2019
		5.32. Nickel/Ni	EPA 6010D ETC 7.1-29/2019
		5.33. Lead/Pb	EPA 6010D ETC 7.1-29/2019 БДС ISO 13545
		5.34. Palladium/Pd	ETC 7.1-42/2016, cl. 8.2.5
		5.35. Platinum/Pt	ETC 7.1-42/2016, cl. 8.2.5
		5.36. Silicon/Si - expressed as SiO_2	ETC 7.1-18/2017
		5.37. Silver/Ag	EPA 6010D ETC 7.1-29/2019 ETC 7.1-13/2016 БДС ISO 10378
		5.38. Strontium/Sr	EPA 6010D ETC 7.1-29/2019
		5.39. Sulphur/S	ETC 7.3-15/2010
		5.40. Thallium/Tl	EPA 6010D ETC 7.1-29/2019
		5.41. Tellurium/Te	EPA 6010D ETC 7.1-29/2019
		5.42. Titanium/Ti - expressed as TiO_2	EPA 6010D ETC 7.1-29/2019
		5.43. Phosphorus/P - expressed as P_2O_5	EPA 6010D ETC 7.1-29/2019

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		5.44. Chromium/Cr	EPA 6010D ETC 7.1-29/2019
		5.45. Zinc/Zn	EPA 6010D ETC 7.1-29/2019 БДС 6443
		5.46. Zirconium/Zr	EPA 6010D ETC 7.1-29/2019
		5.47. X-ray fluorescence analysis of elements/oxides 5.47.1. Silicon (Si)/ Silicon dioxide (SiO_2) 5.47.2. Aluminum (Al)/ Aluminium oxide (Al_2O_3) 5.47.3. Magnesium (Mg)/ Magnesium Oxide (MgO) 5.47.4. Sodium (Na)/Sodium oxide (Na2O) 5.47.5. Titanium (Ti)/ Titanium Dioxide (TiO_2) 5.47.6. Iron (Fe)/ Ferric oxide (Fe_2O_3) 5.47.7. Potassium (K)/ Potassium oxide (K_2O) 5.47.8. Calcium (Ca)/ Calcium Oxide (CaO) 5.47.9. Manganese (Mn)/ Manganese oxide (MnO) 5.47.10. Phosphorus (P)/ Phosphorus pentoxide (P_2O_5) 5.47.11. Sulphur (S)/ Sulfur trioxide (SO_3) 5.47.12. Copper/Cu 5.47.13. Molybdenum/Mo 5.47.14. Barium (Ba)/ Barium Oxide (BaO) 5.47.15. Chromium (Cr)/ Chromium Oxide (Cr_2O_3) 5.47.16. Strontium (Sr) / Strontium oxide (SrO) 5.47.17. Vanadium (V)/ Vanadium pentoxide (V_2O_5)	ETC 7.1-3/2022
6.	Cement	6.1. Chromium (hexavalent)	БДС EN 196-10, cl. 8.2
7.	Concretes	7.1. Density	БДС EN 12390-7 БДС EN 992
		7.2. Resistance to freezing - relative weight loss - relative loss of compressive strength	БДС EN 206+A2/NA
		7.3. Compressive strength	БДС EN 12390-3
		7.4. Depth of penetration of water under pressure (watertightness)	БДС EN 206+A2/NA (Annex NA.N) БДС EN 12390-8

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
8.	Petroleum products /gas oil (1), diesel (2) and heavy fuel oil (3)/	8.1. Density	БДС EN ISO 3675 (1÷3)
		8.2. Flash point /Pensky-Martens closed cup method /	БДС EN ISO 2719+ A1 (1,2)
		8.3. Ash	БДС EN ISO 6245 (1÷3)
		8.4. Water	БДС ISO 3733 (1,3) БДС EN ISO 12937 (2)
		8.5. Total impurities	БДС EN 12662-1 (1,2)
		8.6. Corrosiveness to copper – Copper strip test	БДС EN ISO 2160 (2)
		8.7. Kinematic viscosity	БДС EN ISO 3104, cl. 11 (1÷3)
		8.8. Distillation characteristics	БДС EN ISO 3405, cl. 9 (1,2)
		8.9. Cetane Index	БДС EN ISO 4264 (2)
		8.10. Cold filter plugging point	БДС EN 116 (2)
		8.11. Flash point and fire point – Cleveland open cup method	БДС EN ISO 2592 (3)
		8.12. Mechanical impurities	БДС 17411 (1,3)
		8.13. Freezing point	БДС 1751 (1,3)
		8.14. Cloud point	БДС EN ISO 3015 (1÷3)
		8.15. Pour point	БДС EN ISO 3016 (1÷3)
		8.16. Water-soluble acids and bases	БДС 5252 (3)
		8.17. Sulphur/S	БДС EN ISO 13032 (2) БДС EN ISO 8754 (1,3)
		8.18. Calorific value	БДС 17413 (1,3)
9.	Biodiesel	9.1. Esters (total)	БДС EN 14103
		9.2. Methyl ester of linoleic acid	
		9.3. Kinematic viscosity	БДС EN ISO 3104, cl. 11
		9.4. Flash point /Pensky-Martens closed cup method /	БДС EN ISO 2719+A1
		9.5. Cold filter plugging point	БДС EN 116
		9.6. Water	БДС EN ISO 12937
		9.7. Acid value	БДС EN 14104
		9.8. Iodine value	БДС EN 14111
		9.9. Methanol	БДС EN 14110
		9.10. Monoglycerides	БДС EN 14105
		9.11. Diglycerides	
		9.12. Triglycerides	
		9.13. Free glycerol	

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		9.14. Total glycerol	
		9.15. Total impurities	БДС EN 12662-2
		9.16. Density	БДС EN ISO 3675
		9.17. Corrosiveness to copper – Copper strip test	БДС EN ISO 2160
10.	Oils	10.1. Density	БДС EN ISO 3675
		10.2. Kinematic viscosity	БДС EN ISO 3104, cl. 11
		10.3 Viscosity index	БДС ISO 2909
		10.4. Flash point /Pensky-Martens closed cup method /	БДС EN ISO 2719+A1
		10.5. Flash and fire points - Cleveland open cup method	БДС EN ISO 2592
		10.6. Mechanical impurities	БДС 17411
		10.7. Water	БДС ISO 3733 БДС EN ISO 12937
		10.8. Ash	БДС EN ISO 6245
		10.9. Acid value	БДС ISO 6618 БДС 1752
		10.10. Sulphur/S	БДС EN ISO 8754
		10.11. Water-soluble acids and bases	БДС 5252
		10.12. Corrosiveness to copper – Copper strip test	БДС EN ISO 2160
		10.13. Pour point	БДС EN ISO 3016
		10.14. Cloud point	БДС EN ISO 3015
		10.15. Freezing point	БДС 1751
11.	Natural gas (1), liquefied hydrocarbons (2)	11.1. Component composition	БДС EN 27941 (2) СТ СМЕА 2103 (1) БДС EN ISO 6974-6 (1)
		11.2. Hydrogen sulphide	БДС 7926 (2) БДС EN ISO 8819 (2) БДС 16027 (1)
		11.3. Mercaptan sulphur	БДС 16027 (1)
		11.4. Density	БДС EN ISO 6976 (1) БДС EN ISO 8973+A1 (2)
		11.5. Relative density	
		11.6. Calorific value	БДС EN ISO 6976 (1)
		11.7. Saturated vapour pressure	БДС EN 589 (2) БДС EN ISO 8973+A1 (2)
		11.8. Motor octane number	БДС EN 589 (2)
		11.9. Wobbe index	БДС EN ISO 6976 (1)
12.	Solid fuels 12.1. Coal: anthracite (1)	12.1.1. Particle size distribution	БДС ISO 1953 (1,2)
		12.1.2. Moisture (total)	БДС ISO 589 (1,2) БДС ISO 579 (5)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
	black (2), brown and lignite (3), briquettes (4), coke (5)		БДС ISO 5068-1 (3,4)
		12.1.3. Moisture (analytical)	БДС ISO 11722 (1,2) БДС ISO 5068-2 (3,4) БДС ISO 687 (5)
		12.1.4. Ash	БДС ISO 1171 (1÷5)
		12.1.5. Volatile matter	БДС ISO 562 (1,2,5) БДС ISO 5071-1 (3,4)
		12.1.6. Calorific value	БДС ISO 1928 (1÷5)
		12.1.7. Carbon	БДС ISO 29541 (1÷5)
		12.1.8. Sulphur/S	БДС ISO 334 (1÷5) БДС ISO 19579 (1÷5) ASTM D 4239 (1÷5)
		12.1.9. Chlorine/Cl	БДС ISO 587, cl. 8.2.2 (1÷5)
		12.1.10. Nitrogen/N	БДС ISO 29541 (1÷5)
		12.1.11. Hydrogen/H	БДС ISO 29541 (1÷5)
	12.2. Solid recovered fuels	12.2.1. Particle size distribution	БДС EN 15415-1
		12.2.2. Moisture (total)	CEN/TS 15414-2
		12.2.3. Moisture (analytical)	БДС EN ISO 21660-3
		12.2.4. Ash	БДС EN ISO 21656
		12.2.5. Volatile matter	БДС EN ISO 22167
		12.2.6. Calorific value / Heat of combustion	БДС EN ISO 21654
		12.2.7. Aluminium/Al	БДС EN 15410, cl. 6.4
		12.2.8. Antimony/Sb	БДС EN 15411, cl. 6.4
		12.2.9. Arsenic/As	БДС EN 15411, cl. 6.4
		12.2.10. Barium/Ba	БДС EN 15411, cl. 6.4
		12.2.11. Beryllium/Be	БДС EN 15411, cl. 6.4
		12.2.12. Bromine/Br	БДС EN 15408
		12.2.13. Vanadium/V	БДС EN 15411, cl. 6.4
		12.2.14. Carbon/C	БДС EN ISO 21663
		12.2.15. Iron/Fe	БДС EN 15410, cl. 6.4
		12.2.16. Mercury/Hg	БДС EN 15411, cl. 6.5
		12.2.17. Cadmium/Cd	БДС EN 15411, cl. 6.4
		12.2.18. Potassium/K	БДС EN 15410, cl. 6.4
		12.2.19. Calcium/Ca	БДС EN 15410, cl. 6.4
		12.2.20. Cobalt/Co	БДС EN 15411, cl. 6.4
		12.2.21. Magnesium/Mg	БДС EN 15410, cl. 6.4
		12.2.22. Manganese/Mn	БДС EN 15411, cl. 6.4
		12.2.23. Copper/Cu	БДС EN 15411, cl. 6.4
		12.2.24. Molybdenum/Mo	БДС EN 15411, cl. 6.4

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		12.2.25. Sodium/Na	БДС EN 15410, cl. 6.4
		12.2.26. Nickel/Ni	БДС EN 15411, cl. 6.4
		12.2.27. Lead/Pb	БДС EN 15411, cl. 6.4
		12.2.28. Selenium/Se	БДС EN 15411, cl. 6.4
		12.2.29. Silicon/Si	БДС EN 15410, cl. 6.4
		12.2.30. Sulphur/S	БДС EN 15408
		12.2.31. Thallium/Tl	БДС EN 15411, cl. 6.4
		12.2.32. Titanium/Ti	БДС EN 15410, cl. 6.4
		12.2.33. Phosphorus/P	БДС EN 15410, cl. 6.4
		12.2.34. Fluorine/F	БДС EN 15408
		12.2.35. Chlorine/Cl	БДС EN 15408
		12.2.36. Chromium/Cr	БДС EN 15411, cl. 6.4
		12.2.37. Zinc/Zn	БДС EN 15411, cl. 6.4
		12.2.38. Polychlorinated biphenyls**	БДС EN 17322
		12.2.39. Nitrogen/N	БДС EN ISO 21663
	12.3 Biofuels: biomass (1), pellets (2), briquettes (3). Charcoal (4)	12.3.1. Particle size distribution	БДС EN ISO 5370 (2) БДС EN ISO 17827-2 (1)
		12.3.2. Length	БДС EN ISO 17829 (2)
		12.3.3. Diameter	БДС EN ISO 17829 (2)
		12.3.4. Bulk density	БДС EN ISO 17828 (2)
		12.3.5. Moisture (total)	БДС EN ISO 18134-2 (1÷4) БДС ISO 579 (4)
		12.3.6. Moisture (analytical)	БДС EN ISO 18134-3 (1÷4) БДС ISO 687 (4)
		12.3.7. Ash	БДС EN ISO 18122 (1÷4) БДС ISO 1171 (4)
		12.3.8. Volatile substances	БДС ISO 562 (4) БДС EN ISO 18123 (1÷4)
		12.3.9. Fixed carbon	БДС EN 1860-2 (4)
		12.3.10. Calorific value / Heat of combustion	БДС ISO 1928 (4) БДС EN ISO 18125 (1÷4)
		12.3.11. Antimony/Sb	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.12. Arsenic/As	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.13. Barium/Ba	ETC 7.1-37/2014 (1÷3)
		12.3.14. Beryllium/Be	ETC 7.1-37/2014 (1÷3)
		12.3.15. Vanadium/V	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.16. Carbon/C	БДС EN ISO 16948 (1÷4)
		12.3.17. Iron/Fe	ETC 7.1-37/2014 (1÷3)
		12.3.18. Mercury/Hg	БДС EN ISO 16968 (1÷3)

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		12.3.19. Cadmium/Cd	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.20. Potassium/K	ETC 7.1-37/2014 (1÷3)
		12.3.21. Calcium/Ca	ETC 7.1-37/2014 (1÷3)
		12.3.22. Cobalt/Co	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.23. Magnesium/Mg	ETC 7.1-37/2014 (1÷3)
		12.3.24. Manganese/Mn	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.25. Copper/Cu	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.26. Molybdenum/Mo	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.27. Sodium/Na	ETC 7.1-37/2014 (1÷3)
		12.3.28. Nickel/Ni	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.29. Lead/Pb	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.30. Sulphur/S	ETC 7.3-4/2014 (1÷4) БДС EN ISO 16994 cl. 8.1.1 and cl. 8.2.1 (1÷3)
		12.3.31. Thallium/Tl	ETC 7.1-37/2014 (1÷3)
		12.3.32. Titanium/Ti	ETC 7.1-37/2014 (1÷3)
		12.3.33. Phosphorus/P	ETC 7.1-37/2014 (1÷3)
		12.3.34. Chlorine/Cl	БДС EN ISO 16994 cl. 8.1.1 and cl. 8.2.1 (1÷3)
		12.3.35. Chromium/Cr	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.36. Zinc/Zn	ETC 7.1-37/2014 (1÷3) БДС EN ISO 16968 (1÷3)
		12.3.37. Nitrogen/N	БДС EN ISO 16948 (1÷3)
		12.3.38. Hydrogen/H	БДС EN ISO 16948 (1÷3)
13.	Metals, alloys, articles, jewelry alloys	13.1. Chemical elements from Na to U	ETC 7.2.1-28/2010 ISO 22309
		13.2. Carbon	ETC 7.3-22/2010
14.	Wastes	14.1. pH	БДС EN ISO 10523 БДС EN ISO 10390
		14.2. Electrical conductivity	БДС EN 27888, cl. 7.2 CEN/TS 15937
		14.3. Dry matter/Dry residue	БДС EN 15934 (Method A) БДС EN 12880
		14.4. Dissolved solids (TDS)/ Total dissolved solids (TDS)	БДС 17.1.4.04 БДС EN 15216
		14.5. Moisture - (total)	БДС EN 12880 CEN/TS 15414-2

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		- (analytical)	БДС EN ISO 21660-3
		14.6. Loss on ignition	БДС EN 15935 ETC 7.1-3/2022
		14.7. Particle size distribution	БДС ISO 2591-1 БДС EN 15428 CEN/TS 16202
		14.8. Alkalinity	ETC 7.1.3-6/2014
		14.9. Nitrogen/N	БДС EN ISO 21663
		14.10. Kjeldahl Nitrogen	БДС EN 16169
		14.11. Ammonium (NH_4+)	ETC 7.1.3-18/2010
		14.12. Nitrogen ammonium (N-NH_4+)	ETC 7.1.3-18/2010 ISO/TS 14256-1
		14.13. Nitrites	БДС EN ISO 10304-1
		14.14. Nitrite nitrogen (N-NO_2-)	БДС EN ISO 10304-1
		14.15. Nitrates	БДС EN ISO 10304-1
		14.16. Nitrate nitrogen (N-NO_3-)	БДС EN ISO 10304-1 ISO/TS 14256-1
		14.17. Chlorine/Cl	БДС EN 15408
		14.18. Chlorides	БДС EN ISO 10304-1
		14.19. Sulphates	БДС EN ISO 10304-1
		14.20. Phosphorus/P - expressed as P_2O_5	БДС EN ISO 11885, cl. 9.5.1 БДС EN 15309 БДС EN ISO 22036 EPA 6010D
		14.21. Phosphates/ Orthophosphates	ETC 7.1.3-21/2021, cl. 8.2.1 БДС EN ISO 10304-1
		14.22. Phosphates such as Phosphorus (PO_4^{3-}-P)	ETC 7.1.3-21/2021, cl. 8.2.1 БДС EN ISO 10304-1
		14.23. Fluorine /F	БДС EN 15408
		14.24. Fluorides	БДС EN ISO 10304-1
		14.25. Bromine/Br	БДС EN 15408
		14.26. Bromides	БДС EN ISO 10304-1
		14.27. Cyanides (free)	ETC 7.1.3-41/2021 cl. 8.2.1
		14.29. Cyanides (easily liberatable)	ISO 6703-2 (Section 2)
		14.30. Cyanides (total)	БДС ISO 6703-1 (Section 2) ISO 11262, cl. 9

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		14.31. Absorbable organic halogens (AOX)	ETC 7.1.3-26/2010
		14.32. Aluminium/Al	БДС EN ISO 11885, cl. 9.5.1) БДС EN ISO 22036 EPA 6010D БДС EN 15309
		14.33. Antimony/Sb	БДС EN ISO 11885, cl. 9.5.1) ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4
		14.34. Arsenic/As	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4
		14.35. Barium/Ba	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4)
		14.36. Beryllium/Be	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4)
		14.37. Bismuth/Bi	БДС EN ISO 11885, cl. 9.5.1 EPA 6010D
		14.38. Boron/B	БДС EN ISO 11885, cl. 9.5.1 БДС EN ISO 22036 EPA 6010D
		14.39. Vanadium/V	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4
		14.40. Tungsten/W	БДС EN ISO 11885, cl. 9.5.1 EPA 6010D
		14.41. Carbon/C	БДС EN ISO 21663 ETC 7.3-2/2016 БДС EN 15936 (Method B)
		- Total carbon (TC)	

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		- Total organic carbon (TOC)	ETC 7.1.3-27/2010 БДС EN 1484 ETC 7.3-2/2016 БДС EN 15936 (Method B)
		- Dissolved organic Carbon (DOC)	ETC 7.1.3-27/2010 БДС EN 1484 ETC 7.3-2/2016
		- Total inorganic carbon (TIC)	
		14.42. Gallium/Ga	БДС EN ISO 11885, cl. 9.5.1 БДС EN ISO 22036 EPA 6010D
		14.43. Iron/Fe	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15309
		14.44. Mercury/Hg	ETC 7.1-40/2016 БДС EN ISO 17852 БДС EN 16175-2 ETC 7.1-16/2014 БДС EN 15411, cl. 6.5
		14.45. Gold	ETC 7.1-42/2016, cl. 8.2.5 ETC 7.1-42/2016, cl. 8.2.4.1 ETC 7.1-42/2016, cl. 8.2.4.2 ETC 7.1-4/2017, cl. 8.2.2 ETC 7.1-4/2017, cl. 8.2.1
		14.46. Yttrium /Y	EPA 6010D
		14.47. Cadmium/Cd	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4)
		14.48. Tin/Sn	БДС EN ISO 11885, cl. 9.5.1 БДС EN ISO 22036 EPA 6010D
		14.49. Potassium/K - expressed as K_2O	БДС EN ISO 11885, cl. 9.5.1 БДС EN 15309 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D
		14.50. Calcium/Ca	БДС EN ISO 11885, cl. 9.5.1 БДС EN 15309 ETC 7.1-38/2014 БДС EN ISO 22036

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		- expressed as CaO	EPA 6010D
		14.51. Cobalt/Co	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4
		14.52. Lanthanum/La	EPA 6010D БДС EN ISO 22036
		14.53. Lithium/Li	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D
		14.54. Magnesium/Mg - expressed as MgO	БДС EN ISO 11885, cl. 9.5.1 БДС EN 15309 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D
		14.55. Manganese/Mn	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4 БДС EN 15309
		14.56. Copper/Cu	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 EPA 6010D БДС EN ISO 22036 БДС EN 15411, cl. 6.4 ETC 7.1-10/2017 БДС EN 15309
		14.57. Molybdenum/Mo	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4 БДС EN 15309
		14.58. Sodium/Na	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15309
		14.59. Nickel/Ni	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
			EPA 6010D БДС EN 15411, cl. 6.4
		14.60. Lead/Pb	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4
		14.61. Palladium/Pd	ETC 7.1-42/2016, cl. 8.2.5
		14.62. Platinum/Pt	ETC 7.1-42/2016, cl. 8.2.5
		14.63. Selenium/Se	БДС EN ISO 11885, cl. 9.5.1 БДС EN 15411, cl. 6.4 БДС EN ISO 22036
		14.64. Silicon/Si	БДС EN ISO 11885, cl. 9.5.1 БДС EN 15309
		14.65. Silver/Ag	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D ETC 7.1-13/2016
		14.66. Strontium/Sr	БДС EN ISO 11885, cl. 9.5.1 БДС EN ISO 22036 EPA 6010D
		14.67. Sulphur/S - (total) - (sulphide) - (sulphate)	БДС EN ISO 11885, cl. 9.5.1 БДС EN 15408 ETC 7.3-7/2018 ETC 7.1-25/2017 ETC 7.1-25/2017
		14.68. Thallium/Tl	БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4
		14.69. Tellurium/Te	БДС EN ISO 22036 EPA 6010D
		14.70. Titanium/Ti	БДС EN ISO 11885, cl. 9.5.1 БДС EN ISO 22036 EPA 6010D БДС EN 15309
		14.71. Chromium (total) /Cr	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		14.72. Chromium (hexavalent)	ISO 11083, cl. 7.1)
		14.73. Zinc/Zn	БДС EN ISO 11885, cl. 9.5.1 ETC 7.1-38/2014 БДС EN ISO 22036 EPA 6010D БДС EN 15411, cl. 6.4
		14.74. Zirconium/Zr	БДС EN ISO 11885, cl. 9.5.1 БДС EN ISO 22036 EPA 6010D
		14.75. X-ray fluorescence analysis of elements/oxides 14.75.1. Silicon (Si)/ Silicon dioxide (SiO_2) 14.75.2. Aluminum (Al)/ Aluminium oxide (Al_2O_3) 14.75.3. Magnesium (Mg)/ Magnesium Oxide (MgO) 14.75.4. Sodium (Na)/Sodium oxide (Na_2O) 14.75.5. Titanium (Ti)/ Titanium Dioxide (TiO_2) 14.75.6. Iron (Fe)/ Ferric oxide (Fe_2O_3) 14.75.7. Potassium (K)/ Potassium oxide (K_2O) 14.75.8. Calcium (Ca)/ Calcium Oxide (CaO) 14.75.9. Manganese (Mn)/ Manganese oxide (MnO) 14.75.10. Phosphorus (P)/ Phosphorus pentoxide (P_2O_5) 14.75.11. Barium (Ba)/ Barium Oxide (BaO) 14.75.12. Chromium (Cr)/ Chromium Oxide (Cr_2O_3) 14.75.13. Sulfur (S)/ Sulfur trioxide (SO_3) 14.75.14. Strontium (Sr) / Strontium oxide (SrO) 14.75.15. Vanadium (V)/ Vanadium pentoxide (V_2O_5)	ETC 7.1-3/2022
		14.76. Chemical elements from Na to U	ETC 7.2.1-28/2010 ISO 22309
		14.77. Phenol index	БДС ISO 6439 (Method A, Method B) ETC 7.3-10/2021
		14.78. Petroleum products /non-polar hydrocarbons C10-C40/	БДС EN 14039

Type of the scope: *flexible for part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		14.79. Volatile Organic Compounds (VOC)**	EPA 5021A
		14.80. Polycyclic aromatic hydrocarbons (PAH)	БДС EN 17503
		14.81. Polychlorinated biphenyls**	БДС EN 17322 ETC 7.3-6/2023
		14.82. Pesticides**	ETC 7.3-6/2023
		14.83. Fats (vegetable oils and animal fats)	ETC 7.3-31/2012
		14.84. Calorific value / Heat of combustion	CEN/TS 16023 БДС EN ISO 21654
		14.85. Neutralization Potential Ratio (NPR)	БДС EN 15875
		14.86. Acid neutralization capacity (ANC)	CEN/TS 15364
		14.87. Ash	БДС EN ISO 21656
		14.88. Volatile matter	БДС EN ISO 22167
15.	Thin layers (including picturesque) (1), glasses (2), micro-particles with sizes from 0.1μm to 100 μm (3)	15.1. Chemical elements from Na to U	ETC 7.2.1-28/2010 (1÷3) ISO 22309 (1÷3)
16.	Xanthogenate	16.1. Water	ETC 7.3-30/2012
		16.2. Purity (Xanthogenate content)	ETC 7.1.3-42/2012
17.	Adhesives	17.1. Tensile adhesion strength: - Initial - after water immersion - after heat ageing - after freeze/thaw cycles	БДС EN 12004-2, cl. 8.3
		17.2. Shear adhesion strength: - Initial - after water immersion - after hear ageing - after thermal shock - at elevated temperature	БДС EN 12004-2, cl. 8.4 and cl. 8.5
		17.3. Open time, by using tensile strength	БДС EN 12004-2, cl. 8.1
		17.4. Slip	БДС EN 12004-2, cl. 8.2
18.	Building lime	18.1. Calcium oxide/CaO	БДС EN 459-2, cl. 5.2
		18.2. Magnesium oxide/MgO	БДС EN 459-2, cl. 5.2
		18.3. Total CaO and MgO content	БДС EN 459-2, cl. 5.2

To perform sampling of:

Scope type: *flexible for part of the scope**		
№	**Poducts**	**Sampling methods (standard/validated method)**
1	2	3
1.	Water: drinking (1), mineral (2), surface (3), ground (4), from swimming pools (5), waste (6)	БДС ISO 5667-4 (3, 5) БДС ISO 5667-5 (1, 2) БДС EN ISO 5667-6 (3) БДС ISO 5667-10 (6) БДС ISO 5667-11 (4) БДС EN ISO 19458 (1÷4)
2.	Soils (1), sludge and sediments (2)	БДС 17.4.5.01 (1) БДС ISO 18400-102 (1) БДС ISO 5667-12 (2) БДС EN ISO 5667-13 (2)
3.	Ores and ore processing products	БДС ISO 12743
4.	Petroleum products	БДС EN ISO 3170
5.	Natural gas	БДС EN ISO 10715
6.	Solid biofuels	БДС EN ISO 18135
7.	Waste	CEN/TR 15310-2 БДС EN 12579
8.	Concrete	БДС EN 12350-1
9.	Rocks and aggregates	БДС EN 932-1 БДС EN 13286-1
10.	Cement	БДС EN 196-7

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 marked test methods (column 4) belonging to the product group (column 2) after verification/validation, CRM/RM presence and calibrated technical equipment. 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 reference:**

ETC 7.3-1/2020	Water. Determination of Volatile Organic Compounds (VOC)
ETC 7.3-27/2023	Water. Determination of haloacetic acids
ETC 7.3-28/2021	Water. Determination of pesticides
ETC 7.3-6/2023	Soils, waste, sludge and sediments. Determination of pesticides.

Fixed scope reference:

ETC 7.1.3-1/2021	Water. Determination of metasilicic acid and silicon dioxide content.
ETC 7.1.3-10/2014	Water. Determination of free carbon dioxide (CO_2) and acidity content.
ETC 7.1.3-11/2010	Soils, sludge and sediments. Determination of humus content by I.V.Turin method.
ETC 7.1.3-13/2010	Soils. Determination of the content of mobile forms of potassium and phosphorus. Acetate-lactate method.

ETC 7.1.3-16/2021	Water, liquid waste and eluates, water extract from soils, sludge and sediments. Nitrite content determination method. Photometric method.
ETC 7.1.3-18/2010	Water, liquid waste and eluates, water extract from soils, sludge and sediments. Ammonium content determination method. Photometric method.
ETC 7.1.3-19/2010	Water, liquid waste and eluates. Total nitrogen content determination method. Photometric method.
ETC 7.1.3-20/2010	Water. Method for determining free and total chlorine content. Photometric method.
ETC 7.1.3-21/2021	Water, liquid waste and eluates, water extract from soils, sludge and sediments. Ortho-phosphates content determination method. Photometric method.
ETC 7.1.3-22/2010	Water, liquid waste and eluates. Hydrogen sulphides (HS^-) and sulphides (S^{2-}) content determination method. Photometric method.
ETC 7.1.3-26/2010	Water. AOH (absorbable organic halogens) content determination method. Photometric method.
ETC 7.1.3-27/2010	Water, liquid waste and eluates. TOC (Total organic carbon) and DOC (Dissolved Organic Carbon) content determination method. Photometric method.
ETC 7.1.3-30/2021	Water. Determination of natural uranium content. Spectrophotometric method.
ETC 7.1.3-31/2010	Water extract from soils, sludge and sediments. Titrimetric method for determination of calcium and magnesium.
ETC 7.1.3-35/2010	Water extract from soils, sludge and sediments. Determination of fluorides, chlorides, nitrites, nitrates, phosphates and sulphates by liquid chromatography.
ETC 7.1.3-41/2021	Water, liquid wastes and eluates. Determination of free cyanides. Spectrophotometric method.
ETC 7.1.3-42/2012	Xanthogenate. Determination of purity.
ETC 7.1.3-44/2014	Water. Determination of total mineralization.
ETC 7.1.3-45/2021	Water. Determination of Anionic surfactants.
ETC 7.1.3-49/2021	Water. Determination of bromates by spectrophotometric method.
ETC 7.1.3-5/2014	Water. Determination of metaboric acid content.
ETC 7.1.3-6/2014	Water, liquid waste and eluates, water extract from soils, sludge and sediments. Determination of the content of carbonates, hydrocarbons, alkalinity and carbonate hardness.
ETC 7.1-10/2017	Natural materials, soils, sludge, sediments and wastes. Determination of copper content by Atomic Absorption Spectrometry Method (AAS)
ETC 7.1-13/2016	Determination of the silver content in solid natural and industrial materials by Atomic Absorption Spectrometry Method (AAS).
ETC 7.1-16/2014	Natural materials, sludge and sediments, wastes. Determination of mercury by cold vapor atomic absorption spectrometry (CVAAS).
ETC 7.1-18/2017	Silicate analysis by inductively coupled plasma atomic emission spectrometry (ICP-AES). Determination of moisture and loss on ignition.
ETC 7.1-25/2017	Solid natural materials and products from technological processing. Combustion method for determining sulphide sulphur and sulphate sulphur.

ETC 7.1-28/2017	Determination of water-soluble, accessible and exchangeable forms of the elements by inductively coupled plasma atomic emission spectrometry (ICP-AES).
ETC 7.1-29/2019	Determination of elements content by inductively coupled plasma atomic emission spectrometry (ICP-AES).
ETC 7.1-3/2022	X-ray fluorescence analysis. Determination of elements and their oxides.
ETC 7.1-33/2010	Natural materials and soils. Determination of water soluble forms of mercury. Cold vapor atomic absorption spectrometry (CVAAS).
ETC 7.1-37/2014	Biofuels, biomass. Determination of elements content by inductively coupled plasma atomic emission spectrometry (ICP-AES).
ETC 7.1-38/2014	Solid waste. Determination of elements content by inductively coupled plasma atomic emission spectrometry (ICP-AES).
ETC 7.1-4/2017	Natural materials, soils, sludge and sediments. Determination of gold content by Atomic Absorption Spectrometry Method (AAS).
ETC 7.1-40/2016	Determination of mercury content in Water. Cold vapor atomic absorption spectrometry (CVAAS).
ETC 7.1-41/2016	Determination of copper content in solid natural and production industrial materials. Titrimetric method of analysis.
ETC 7.1-42/2016	Determination of elements in solid natural and industrial materials after fire assay method.
ETC 7.1-53/2018	Water. Determination of uranium content by inductively coupled plasma optic emission spectrometry (ICP-OES).
ETC 7.2.1-28/2010	Metals, alloys, ferroalloys, articles, jewelry alloys and articles made out of them, thin layers, glass, micro-particles with sizes from 0.1 μm to 100 μm. Determination of chemical composition by scanning electron microscopy and X-ray microanalysis.
ETC 7.2.1-30/2010	Rocks and minerals. Mono layer shear with pressure in inclined matrices (Fisenko shearing method).
ETC 7.3-10/2021	Water. Determination of phenols and phenol index. Photometry method.
ETC 7.3-15/2010	Ores and concentrates. Determination of sulphur content by element analyzers.
ETC 7.3-2/2016	Soils, rocks and minerals, sludge and sediments and solid wastes. Determination of total carbon, total organic carbon and total inorganic carbon.
ETC 7.3-22/2010	Ores and concentrates, metals and alloys. Determination of carbon content by element analyzers.
ETC 7.3-23/2016	Water. Determination of the content of total extractactable hydrocarbons by C_{10}-C_{40}/ by gas chromatography (GC-FID).
ETC 7.3-26/2010	Sludge and sediments. Determination of the content of petroleum products/non-polar hydrocarbons C_{10}-C_{40} /by gas chromatograph (GC-FID).
ETC 7.3-30/2012	Xanthogenate. Determination of water content according to Karl Fisher method by volume titration.
ETC 7.3-31/2012	Determination of fat content (vegetable and animal) in Water, soils and wastes.
ETC 7.3-4/2014	Coal, biofuels, solid recovered fuels. Determination of sulphur.
ETC 7.3-7/2018	Rocks and minerals, sludge and sediments, solid waste. Determination of sulphur.

I ORDER

To issue the certificate of accreditation reg. № 9 ЛИ/11.08.2025 valid until 29.05.2028 and this order enclosed as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the manager of Eurotest-Control EAD, the head of Testing Laboratory Directorate at Eurotest-Control EAD, 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. № 9 ЛИ/13.06.2025, valid until 29.05.2028 and an enclosure, EA BAS order reg. № А 189/13.06.2025.

This order shall be notified to the Testing Laboratory Directorate at Eurotest-Control EAD, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director
of Executive agency Bulgarian accreditation service