



*Signatory to the EA Multilateral Agreement in this field*

**ORDER**

**№ A 37**

**Sofia, 29.01.2025**

Pursuant to Art. 10, para. 1, item 3 and 4, Art. 28, para. 1, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, item 6 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 145/86 ЛИ/ПА/РО/07.06.2024, assessment report reg. № 145/86 ЛИ/6/В/07.10.2024, annex reg. № 145/86 ЛИ/11/В/19.12.2024 and statement of the Accreditation Commission reg. № 145/86 ЛИ/ПА/РО/2/В/24.01.2025, I hereby

**RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION**

**SGS BULGARIA EOOD  
LABORATORY OF SGS BULGARIA EOOD**

**Management address:**

1784 Sofia, 115G Tsarigradsko shosse Blvd, MEGAPARK Business Center, office C, floor 6

**Laboratory address:**

9003 Varna, 1 William Froude Str, Institute of Hydro- and Aerodynamics

**To perform testing of:**

<b>Type of the scope: flexible for part of the scope</b>			
<b>№</b>	<b>Tested Products</b>	<b>Type of Test/Characteristic</b>	<b>Testing methods (standard / validated method)</b>
1	2	3	4
I.	Cereals	1. Moisture	БДС EN ISO 712 (ISO 712) БДС EN ISO 6540 (ISO 6540) EBC 3.2; EBC 4.2
		2. Impurities	БДС 13380, ISO 7970 ICC 102/1, БДС 14717 ICC 103/1, ISO 7301 БДС EN 15587 БДС EN 16378 ISO 19942+A1 ISO 11051
		Unwanted materials Harmful botanical impurities Inert materials Foreign bodies Ingredients of animal origin	VLM 154:2020

**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
		Impurities of animal origin (Filth)	
		3. Infestation	БДC 15335
		4. Bulk density, mass per hectoliter, test weight	БДC EN ISO 7971-3 (ISO 7971-3) VLM 15:2004
		5. Mass of 1000 grains	БДC EN ISO 520 (ISO 520) EBC 3.4; EBC 4.4
		6. Colour, odour	VLM 03:2012
		7. Crude fibre	БДC ISO 5498 (ISO 5498)
		8. Vitreousness	БДC 13378 ICC 129
		9. Total nitrogen Crude protein Nitrogen	ISO 16634-2
		Crude protein	БДC ISO 1871 (ISO 1871)
		Nitrogen	ICC 105/2
		Crude protein	БДC EN ISO 20483 (ISO 20483)
		Total nitrogen Protein	EBC 3.3.1; EBC 4.3.1
		Total nitrogen	EBC 3.3.2; EBC 4.3.2
		10. Wet gluten yield Gluten slackening Dry gluten yield Gluten index Wet gluten	БДC 13375
		Dry gluten Water content of the wet gluten	ICC 155, ICC 158 БДC EN ISO 21415-1 (ISO 21415-1) БДC EN ISO 21415-2 (ISO 21415-2)
		11. Ash	БДC EN ISO 21415-3 (ISO 21415-3) БДC EN ISO 21415-4 (ISO 21415-4)
		12. Falling number	БДC EN ISO 2171 (ISO 2171) БДC 13491
		13. Sedimentation Index (Zeleny test)	БДC EN ISO 3093 (ISO 3093) ICC 107/1
		14. Alveograph properties: W – Deformation energy P/L – Curve configuration ratio G – Index of swelling P – Maximum pressure L – Rupture Ie – Elasticity index	БДC EN ISO 5529 (ISO 5529) ICC 116/1 ISO 27971
		15. Floury endosperm	БДC 14717

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
		16. Uniformity of size Above sieve 2.8x20.0 mm; Above sieve 2.5x20.0 mm; Above sieve 2.2x20.0 mm; Below sieve 2.2x20.0 mm	БДС 13380
		17. Genetically modified organisms**	БДС EN ISO 21569+A1 (ISO 21569+A1), БДС EN ISO 21570+A1 (ISO 21570+A1), VLM 99:2013
		18. Pesticides**	БДС EN 15662 VLM 146:2015
		Dithiocarbamates	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		Biocides, quaternary ammonium compounds	VLM 81:2020
		19. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B БДС EN 16215 VLM 133:2013
		20. Polychlorinated biphenyls	EPA 1668C БДС EN 16215 VLM 133:2013
		21. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		Calcium	ISO 6490-1
		Phosphorus	ISO 6491
		Iodine	БДС EN 17050
		22. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol 15- acetyldeoxynivalenol Deoxynivalenol-3-glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1, Fumonisin B2, Fumonisin B3 Fumonisin (B1+B2)	VLM 16:2005 VLM 92:2010

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
		Fumonisin (B1+B2+B3) Ergot alkaloids (alkaloids of Claviceps purpurea)	
		23. Enterobacteriaceae	БДC EN ISO 21528-1 (ISO 21528-1), БДC EN ISO 21528-2 (ISO 21528-2)
		24. Yeasts and moulds	БДC ISO 21527-2 (ISO 21527-2)
		25. Coliforms	ISO 4831 ISO 4832
		26. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДC EN ISO 6888-1 (ISO 6888-1)
		27. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДC EN ISO 15213-2 (ISO 15213-2)
		28. Presumptive E. coli	ISO 7251
		$\beta$ -glucuronidase-positive E. coli	БДC ISO 16649-2 (ISO 16649-2)
		29. Salmonella spp.	БДC EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		30. Total viable count	БДC EN ISO 4833-1 (ISO 4833-1), БДC EN ISO 4833-2 (ISO 4833-2)
		31. Presumptive Bacillus cereus	БДC EN ISO 7932 (ISO 7932)
		32. Polyaromatic hydrocarbons	VLM 76:2009
		33. Amylase-treated neutral detergent fibres (aNDF)	БДC EN ISO 16472
		34. Acid detergent fibres (ADF)	БДC EN ISO 13906
		35. Acid detergent lignin (ADL)	БДC EN ISO 13906
		36. Nitrogen free extract (NFE)	VLM 108:2010
		37. Energy/nutritional value of fodders: - Gross energy - Digestible energy - Metabolic energy - Net energy - Nitrogen free extract - Non-structural carbohydrates (NSC) - Acid detergent insoluble nitrogen - Crude protein of acid detergent fibres / Unavailable crude protein - Adjusted crude protein (Available crude protein) - Organic matter - Coefficient of energy digestibility - ME/DE ratio - Utilization coefficient of ME - Digestible crude protein - Digestible organic matter - Digestibility of the dry organic matter	VLM 107:2010

**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
		<ul style="list-style-type: none"> <li>- Total digestible nutrients</li> <li>- Dry matter digestibility</li> <li>- Daily dry matter intaken</li> <li>- Relative feed value</li> <li>- Feed unit for milk production</li> <li>- Feed unit for meat production</li> </ul>	
		38. Fat acidity	VLM 164:2020
		39. Ash insoluble in hydrochloric acid	БДС ISO 5985 (ISO 5985)
		40. Total fat	ICC 136
		Crude fat, Total fat	ISO 11085
		Fat	БДС ISO 6492 ISO 6492
		Crude fat	БДС 11374
		41. Fatty acids composition	VLM 171:2020
		42. Fat content and fatty acids: - Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; - Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		43. Starch	Commission Implementing Regulation (EU) № 2024/771, Annex III, K ISO 6493
		44. Listeria spp. and Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1)
		45. Shigella spp.	БДС EN ISO 21567 (ISO 21567)
		46. Pathogens	VLM 91:2015
		47. Energy and calorific value	VLM 77:2009
		48. Total dietary fibres	AOAC 985.29
		49. Nitrites, nitrates	VLM 79:2012
		50. Fluorine (measured as fluoride)	БДС EN 16279
		51. Carbohydrates	VLM 106:2012
		52. Enterococcus spp.	VLM 85:2015
		53. Water-soluble chlorides, Sodium chloride	ISO 6495-1
		54. Sugar (total and reducing)	Commission Implementing Regulation (EU) № 2024/771, Annex III, I
		55. Water activity	ISO 18787
		56. Hydrocyanic acid, Hydrogen cyanide, Prussic acid	AOAC 970.11
		57. Polybrominated Diphenyl Ethers	EPA 1614A
		58. Acrylamide	БДС EN 16618
		59. Cronobacter spp.	БДС EN ISO 22964 (ISO 22964)
		60. Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДС EN ISO 21872-1 (ISO 21872-1)

**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
		61. Yellow pigments	VLM 169:2020
		62. Tannin	ISO 9648
		63. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		64. Tropane alkaloids	VLM 36:2020
		65. Biometric characteristics	БДC EN ISO 11746 (ISO 11746)
		66. Pyrrolizidine alkaloids	VLM 50:2019
		67. Vitamines <u>Water-soluble vitamines:</u> Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6) Folate, folic acid (Vitamin B9) Niacinamide=nicotineamide, Niacin=nicotinic acid (Vitamin B3, vitamin PP) Biotin (Vitamin B7) Calcium pantothenate, pantothenic acid (Vitamin B5) Cianocobalamine (Vitamin B12)  <u>Fat-soluble vitamines:</u> Vitamin A Retinol (Vitamin A alcohol ); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	VLM 80:2019
		68. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
II.	Pulses	1. Moisture	ISO 24557
		Moisture and volatile matter	БДC EN ISO 665 (ISO 665)
		2. Foreign odours	БДC ISO 605 (ISO 605)
		3. Evident infestation of insects Live insects found Dead insects found Cobwebs	БДC ISO 605 (ISO 605)
		4. Mass of 1000 grains	БДC EN ISO 520 (ISO 520)
		5. Impurities Unwanted materials Harmful botanical impurities Inert materials Foreign bodies Ingredients of animal origin Impurities of animal origin (Filth)	БДC ISO 605 (ISO 605) VLM 154:2020
		6. Nitrogen, Crude protein	БДC EN ISO 5983-2 (ISO 5983-2)
		Nitrogen	БДC EN ISO 20483
		Crude protein	(ISO 20483)
		Total nitrogen	ISO 16634-2

**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
		Crude protein	
		Nitrogen	БДC ISO 1871 (ISO 1871)
		Proteins soluble in potassium hydroxide	БДC EN ISO 14244 (ISO 14244)
		Protein Dispersibility Index (PDI)	AOCS Ba 10b-09
		Nitrogen / Protein Solubility Index (NSI)	AOCS Ba 11-65
		Soluble nitrogen	БДC ISO 6655
		Soluble crude protein	(ISO 6655)
		7. Genetically modified organisms **	БДC EN ISO 21569+A1 (ISO 21569+A1) БДC EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		8. Pesticides**	БДC EN 15662 VLM 146:2015
		Dithiocarbamate	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		Biocides, quaternary ammonium compounds	VLM 81:2019
		9. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B БДC EN 16215 VLM 133:2013
		10. Polychlorinated biphenyls	EPA 1668 C БДC EN 16215 VLM 133:2013
		11. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		Calcium	ISO 6490-1
		Phosphorus	ISO 6491
		Iodine	БДC EN 17050
		12. Mycotoxins	VLM 16:2005 VLM 92:2010
		- Aflatoxin B1	
		- Aflatoxin B2	
		- Aflatoxin G1	
		- Aflatoxin G2	
		- Aflatoxins (B1+B2+G1+G2)	
		- Ochratoxin A	
		- T-2 toxin	
		- HT-2 toxin	
		- Deoxynivalenol	
		- Diacetoxyscirpenol	
		- Nivalenol	
		- 3-acetyldeoxynivalenol	
		- 15-acetyldeoxynivalenol	
		- Deoxynivalenol-3- glucoside	
		- Fusarenon X	
		- Zearalenon	

**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
		<ul style="list-style-type: none"> <li>- Fumonisin</li> <li>- Fumonisin B1</li> <li>- Fumonisin B2</li> <li>- Fumonisin B3</li> <li>- Fumonisin (B1+B2)</li> <li>- Fumonisin (B1+B2+B3)</li> </ul>	
		13. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		14. Yeasts and moulds	БДС ISO 21527-2 (ISO 21527-2)
		15. Coliforms	ISO 4831 ISO 4832
		16. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)
		17. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		18. Presumptive E. coli	ISO 7251
		$\beta$ -glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		19. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		20. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		21. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		22. Polyaromatic hydrocarbons	VLM 76:2009
		23. Ash	БДС EN ISO 2171 (ISO 2171)
		24. Oil content	БДС EN ISO 659 (ISO 659)
		Fat	БДС ISO 6492 (ISO 6492)
		Crude fat	БДС 11374
		25. Fatty acids composition	VLM 171:2020
		26. Fat content and fatty acids: - Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; - Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		27. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1)
		28. Shigella spp.	БДС EN ISO 21567 (ISO 21567)
		29. Crude fibre	БДС ISO 5498 (ISO 5498) БДС 11374

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
			БДС EN ISO 6865 (ISO 6865)
		30. Energy and calorific value	VLM 77:2009
		31. Total dietary fibres	AOAC 985.29
		32. Nitrites, nitrates	VLM 79:2012
		33. Pathogens	VLM 91:2010
		34. Fluorine (measured as fluoride)	БДС EN 16279
		35. Acidity, free fatty acids / acid value	БДС ISO 729 (ISO 729)
		36. Carbohydrates	VLM 106:2012
		37. Enterococcus spp.	VLM 85:2015
		38. Water-soluble chlorides, Sodium chlorides	ISO 6495-1
		39. Sugar	VLM 163:2020
		40. Water activity	ISO 18787
		41. Trypsin inhibitor activity	БДС EN ISO 14902 (ISO 14902)
		42. Hydrocyanic acid, Hydrogen cyanide, Prussic acid, Cyanide	AOAC 970.11 AOAC 915.03 ISO 2164
		43. Polybrominated Diphenyl Ethers	EPA 1614A
		44. Cronobacter spp.	БДС EN ISO 22964 (ISO 22964)
		45. Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДС EN ISO 21872-1 (ISO 21872-1)
		46. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		47. Tropane alkaloids	VLM 36:2020
		48. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
		49. Pyrrolizidine alkaloids	VLM 50:2019
		50. Vitamines <u>Water-soluble vitamins:</u> Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6) Folate, folic acid (Vitamin B9) Niacinamide=nicotineamide, Niacin=nicotinic acid (Vitamin B3, vitamin PP) Biotin (Vitamin B7) Calcium pantothenate, pantothenic acid (Vitamin B5) Cianocobalamine (Vitamin B12) <u>Fat-soluble vitamins:</u> Vitamin A Retinol (Vitamin A alcohol ); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	VLM 80:2019
III.	Oilseeds	1. Moisture and volatile matter	БДС EN ISO 665 (ISO 665)

**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
		Moisture	БДС 601
		Water	ISO 10565
		2. Acidity, free fatty acids /acid value	БДС ISO 729 (ISO 729)
		3. Oil content	БДС EN ISO 659 (ISO 659) ISO 10565
		4. Impurities	БДС EN ISO 658 (ISO 658) БДС 1775*** БДС 4772***
		Unwanted materials Harmful botanical impurities Inert materials Foreign bodies Ingredients of animal origin Impurities of animal origin (Filtch)	VLM 154:2020
		5. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013 IWA 32
		6. Pesticides**	БДС EN 15662 VLM 146:2015
		Dithiocarbamate	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		Biocides, quaternary ammonium compounds	VLM 81:2019
		7. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B БДС EN 16215 VLM 133:2013
		8. Polychlorinated biphenyls	EPA 1668C БДС EN 16215 VLM 133:2013
		9. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		Iodine	БДС EN 17050
		10. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol	БДС EN 17050 VLM 16:2005 VLM 92:2010

**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-acetyldeoxynivalenol 15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1, Fumonisin B2, Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3)	
		11. Enterobacteriaceae	БДC EN ISO 21528-1 (ISO 21528-1) БДC EN ISO 21528-2 (ISO 21528-2)
		12. Yeasts and moulds	БДC ISO 21527-2 (ISO 21527-2)
		13. Coliforms	ISO 4831 ISO 4832
		14. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДC EN ISO 6888-1 (ISO 6888-1)
		15. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДC EN ISO 15213-2 (ISO 15213-2)
		16. Presumptive E. coli	ISO 7251
		$\beta$ -glucuronidase-positive E. coli	БДC ISO 16649-2 (ISO 16649-2)
		17. Salmonella spp.	БДC EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		18. Total viable count	БДC EN ISO 4833-1 (ISO 4833-1) БДC EN ISO 4833-2 (ISO 4833-2)
		19. Presumptive Bacillus cereus	БДC EN ISO 7932 (ISO 7932)
		20. Fatty acids composition, Erucic acid	VLM 171:2020
		21. Glucosinolates	VLM 78:2009
		22. Polyaromatic hydrocarbons	VLM 76:2009
		23. Nitrogen	БДC ISO 1871 (ISO 1871)
		Total nitrogen Crude protein	ISO 16634-1
		Nitrogen, Crude protein	БДC EN ISO 5983-2 (ISO 5983-2) БДC EN ISO 20483 (ISO 20483)
		Proteins soluble in potassium hydroxide	БДC EN ISO 14244 (ISO 14244)
		Protein Dispersibility Index (PDI)	AOCS Ba 10b-09
		Nitrogen Solubility Index (NSI)	AOCS Ba 11-65
		Soluble nitrogen Soluble crude protein	БДC ISO 6655 ISO 6655
		24. Fat content and fatty acids:	VLM 132:2013

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
		Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	
		25. Total Ash	VLM 160:2020
		26. Energy and calorific value	VLM 77:2009
		27. Carbohydrates	VLM 106:2012
		28. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1)
		29. Shigella spp.	БДС EN ISO 21567 (ISO 21567)
		30. Nitrites, nitrates	VLM 79:2012
		31. Pathogens	VLM 91:2015
		32. Fluorine (measured as fluoride)	БДС EN 16279
		33. Total dietary fibres	AOAC 985.29
		34. Enterococcus spp.	VLM 85:2015
		35. Water-soluble chlorides, Sodium chlorides	ISO 6495-1
		36. Sugar	Commission Implementing Regulation (EC) 2024/771, Annex III, I
		37. Chlorophyll	ISO 10519
		38. Trypsin inhibitor activity	БДС EN ISO 14902 (ISO 14902)
		39. Hydrocyanic acid, Hydrogen cyanide, Cyanide, Prussic acid	VLM 168:2020
		40. Water activity	ISO 18787
		41. Mineral oil	VLM 48:2008
		42. Polybrominated Diphenyl Ethers	EPA 1614A
		43. Cronobacter spp.	БДС EN ISO 22964 (ISO 22964)
		44. Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДС EN ISO 21872-1 (ISO 21872-1)
		45. Crude fibre - in the product, as received - to dry substance	БДС ISO 5498 (ISO 5498)
		46. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		47. Vitamines Water-soluble vitamins: Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6) Folate, folic acid (Vitamin B9) Niacinamide=nicotinic acid, Niacin=nicotinic acid (Vitamin B3, vitamin PP) Biotin (Vitamin B7) Calcium pantothenate, pantothenic acid (Vitamin B5)	VLM 80:2019

**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
		Cianocobalamine (Vitamin B12)  Fat-soluble vitamins: Vitamin A Retinol (Vitamin A alcohol ); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	
		48. Pyrrolizidine alkaloids	VLM 50:2019
		49. Free gossypol; total gossypol	ISO 6866
IV.	Flours and milling products	1. Moisture  2.Total Ash Ash  3. Ash insoluble in 10% HCl  4. Acidity as per Neumann  5. Dry gluten Water content of the wet gluten  6. Wet gluten yield, gluten slackening  7. Wet gluten, gluten index  8. Falling number  9. Nitrogen Crude protein Nitrogen Crude protein Total nitrogen Crude protein  10. Sedimentation Index (Zeleny test)  11. Alveograph properties: W – Deformation energy P/L – Curve configuration ratio G – Index of swelling P – Maximum pressure L – Rupture Ie – Elasticity index  12. Metal admixtures  13. Genetically modified organisms **  14. Pesticides**	БДС 754 + Amd.4 БДС EN ISO 712 (ISO 712)  БДС 754 + Amd.4  БДС EN ISO 2171 (ISO 2171)  БДС 754 + Amd.4  БДС 754 + Amd.4  БДС EN ISO 21415-3 (ISO 21415-3) БДС EN ISO 21415-4 (ISO 21415-4)  БДС 754 + Amd.4  БДС EN ISO 21415-1 (ISO 21415-1) БДС EN ISO 21415-2 (ISO 21415-2) ICC 137/1 ICC 155  ICC 107/1  БДС ISO 1871 (ISO 1871)  ICC 105/2  БДС EN ISO 20483 (ISO 20483)  ISO 16634-2  ICC 116/1  ISO 27971        БДС 754 + Amd.4  БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013  БДС EN 15662

**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
			VLM 146:2015
		Dithiocarbamate	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		Biocides, quaternary ammonium compounds	VLM 81:2019
		15. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B БДС EN 16215 VLM 133:2013
		16. Polychlorinated biphenyls	EPA 1668 C БДС EN 16215 VLM 133:2013
		17. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		Iodine	БДС EN 17050
		18. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol 15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1 Fumonisin B2 Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3) Ergot alkaloids (Claviceps purpurea alkaloids)	БДС EN 17050 VLM 16:2005 VLM 92:2010
		19. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		20. Yeasts and moulds	БДС ISO 21527-2 (ISO 21527-2)
		21. Coliforms	ISO 4831 ISO 4832
		22. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)

**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
		23. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		24. Presumptive E. coli β-glucuronidase-positive E. coli	ISO 7251 БДС ISO 16649-2 (ISO 16649-2)
		25. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		26. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		27. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		28. Melamine, cyanuric acid	VLM 70:2009
		29. Polyaromatic hydrocarbons	VLM 76:2009
		30. Crude fibre	БДС ISO 5498 (ISO 5498) БДС ISO 6541 (ISO 6541)
		31. Dietary Fibres – total, soluble, and insoluble	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		32. Sulfites, sulfur dioxide	AOAC 990.28
		33. Fat acidity	БДС ISO 7305 (ISO 7305)
		34. Identity of ingredients	VLM 95:2013
		35. Fatty acids composition	VLM 171:2020
		36. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		37. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1)
		38. Shigella spp.	БДС EN ISO 21567 (ISO 21567)
		39. Enterococcus spp.	VLM 85:2015
		40. Total fat	ICC 136
		Crude fat. Total fat	ISO 11085
		Fat	БДС ISO 6492 (ISO 6492)
		Crude fat	БДС 11374
		41. Energy and calorific value	VLM 77:2009
		42. Carbohydrates	VLM 106:2012
		43. Water-soluble chlorides, Sodium chlorides	ISO 6495-1
		Chlorides, sodium chloride (table salt)	VLM 161:2020
		44. Sugar (total and reducing)	Commission Implementing

**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
			Regulation (EC) 2024/771, Annex III, I VLM 163:2020
		45. Water activity	ISO 18787
		46. Hydrocyanic acid	AOAC 970.11
		Hydrocyanic acid, Hydrogen cyanide, Cyanide Prussic acid,	VLM 168:2020
		47. Allergens: egg allergen; gluten / gliadin; soya allergen; milk allergen	VLM 110:2022
		48. Yellow pigments	ISO 11052
		49. Polybrominated diphenyl ethers	EPA 1614A
		50. Acrylamide	БДС EN 16618
		51. Cronobacter spp.	БДС EN ISO 22964 (ISO 22964)
		52. Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДС EN ISO 21872-1 (ISO 21872-1)
		53. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		54. Tropane alkaloids	VLM 36:2020
		55. 2-monochloropropane-1,2-diol (2-MCPD); 3- monochloropropane -1,2-diol (3-MCPD); 2- and 3-MCPD esthers of fatty acids; Glycidyl esthers of fatty acids;	AOAC 2018.03
		56. Pyrrolizidine alkaloids	VLM 50:2019
		57. Vitamines Water-soluble vitamins: Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6) Folate, Folic acid (Vitamin B9) Niacin=nicotinic acid, Nicotinic acid, Niacin, Niacinamide, nicotineamide, (Vitamin B3), Biotin (Vitamin B7) Calcium pantothenate, pantothenic acid (Vitamin B5) Cianocobalamine (Vitamin B12) Fat-soluble vitamins: Vitamin A Retinol (Vitamin A alcohol); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	VLM 80:2019
		58. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
		59. Unwanted materials	VLM 154:2020

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
		Harmful botanical impurities Inert materials Foreign bodies Ingredients of animal origin Impurities of animal origin (Filth)	
V.	Starch	1. Moisture 2. Total ash Ash 3. Ash insoluble in 10% HCl 4. Acidity 5. Fat content Total fat 6. Nitrogen 7. Genetically modified organisms ** 8. Pesticides** 9. Polychlorinated dibenzodioxins and dibenzofurans 10. Polychlorinated biphenyls 11. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc 12. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol 15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin	БДС 8380 БДС EN ISO 1666 (ISO 1666) БДС 8380 БДС EN ISO 3593 (ISO 3593) БДС 8380 БДС 8380 БДС 8380 БДС EN ISO 3947 (ISO 3947) БДС EN ISO 3188 (ISO 3188) БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013 БДС EN 15662 VLM 146:2015 EPA 1613B VLM 133:2013 EPA 1668C VLM 133:2013 VLM 40:2009 VLM 16:2005 VLM 92:2010

**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
		Fumonisin B1 Fumonisin B2 Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3)	
		13. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		14. Yeasts and moulds	БДС ISO 21527-2 (ISO 21527-2)
		15. Coliforms	ISO 4831 ISO 4832
		16. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)
		17. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		18. Presumptive E. coli	ISO 7251
		β-glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		19. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		20. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		21. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		22. Melamine, cyanuric acid	VLM 70:2009
		23. Polyaromatic hydrocarbons	VLM 76:2009
		24. Dietary Fibres - total, soluble, and insoluble	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		25. Allergens Milk allergens Egg allergens Soya allergens Gluten/ Gliadin	VLM 110:2022
		26. Sulfites, sulfur dioxide	AOAC 990.28
		27. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1)
		28. Energy and calorific value	VLM 77:2009
		29. Carbohydrates	VLM 106:2012
		30. Chlorides, sodium chloride (table salt)	VLM 161:2020
		31. Sugar	VLM 163:2020
		32. Water activity	ISO 18787
		33. Cronobacter spp.	БДС EN ISO 22964 (ISO 22964)
		34. Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДС EN ISO 21872-1 (ISO 21872-1)
		35. Perfluoroalkyl substances (PFAS)	VLM 35:2019

**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
		36. Tropane alkaloids	VLM 36:2020
		37. 2-monochloropropane-1,2-diol (2-MCPD); 3- monochloropropane -1,2-diol (3-MCPD); 2- and 3-MCPD esthers of fatty acids; Glycidyl esthers of fatty acids;	AOAC 2018.03
		38. Pyrrolizidine alkaloids	VLM 50:2019
		39. Vitamines Water-soluble vitamines: Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6) Folate, (Vitamin B9) Nicotinic acid, niacin (Vitamin B3), Niacinamide, nicotineamide (Vitamin B3) Biotin (Vitamin B7) Folic acid (Vitamin B9) Calcium pantothenate, pantothenic acid (Vitamin B5) Niacin=nicotinic acid Cianocobalamine (Vitamin B12) Fat-soluble vitamines: Vitamin A Retinol (Vitamin A alcohol); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	VLM 80:2019
		40. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
VI.	Pasta	1. Colour, smell, taste	БДС 5***
		2. Size	БДС 5***
		3. Volume increase	БДС 5***
		4. Moisture	БДС 5*** БДС 754 + Amd.4 БДС EN ISO 712, (ISO 712)
		5. Nitrogen	БДС ISO 1871 (ISO 1871)
		Total protein	БДС 5***;
		6. Acidity as per Neumann	БДС 5***; БДС 754 + Amd.4
		7. Dry matter loss	БДС 5***
		8. Cracked pasta and broken pieces	БДС 5***
		9. Live insects	БДС 5***; БДС 754 + Amd.4
		10. Crude fibre	БДС ISO 5498 (ISO 5498) БДС 5***
		11. Genetically modified organisms**	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1

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
			(ISO 21570+A1) VLM 99:2013
		12. Pesticides**	БДС EN 15662 VLM 146:2015
		13. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		14. Polychlorinated biphenyls	EPA 1668 C VLM 133:2013
		15. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		16. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol 15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1 Fumonisin B2 Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3)	VLM 16:2005 VLM 92:2010
		17. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		18. Yeasts and moulds	БДС ISO 21527-2 (ISO 21527-2)
		19. Coliforms	ISO 4831 ISO 4832
		20. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)
		21. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		22. Presumptive E. coli	ISO 7251
		β-glucuronidase-positive E. coli	БДС ISO 16649-2

**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
			(ISO 16649-2)
		23. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		24. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		25. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		26. Polyaromatic hydrocarbons	VLM 76:2009
		27. Energy and calorific value	VLM 77:2009
		28. Total, Soluble, and Insoluble Dietary Fibres	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		29. Allergens Milk allergens Egg allergens Gluten/ Gliadin	VLM 110:2022
		30. Sulfites, sulfur dioxide	AOAC 990.28
		31. Identity of ingredients	VLM 95:2013
		32. Fatty acids composition	VLM 171:2020
		33. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		34. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1)
		35. Carbohydrates	VLM 106:2012
		36. Fats	VLM 159:2020
		37. Chlorides, sodium chloride (table salt)	VLM 161:2020
		38. Sugar	VLM 163:2020
		39. Total Ash	VLM 160:2020
		40. Water activity	ISO 18787
		41. Acrylamide	БДС EN 16618
		42. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		43. Tropane alkaloids	VLM 36:2020
		44. 2-monochloropropane-1,2-diol (2-MCPD); 3- monochloropropane -1,2-diol (3-MCPD); 2- and 3-MCPD esthers of fatty acids; Glycidyl esthers of fatty acids;	AOAC 2018.03
		45. Pyrrolizidine alkaloids	VLM 50:2019
		46. Vitamines Water-soluble vitamines: Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6)	VLM 80:2019

**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
		Folate, Folic acid (Vitamin B9) Niacin=nicotinic acid, Nicotinic acid, niacin, Niacinamide, nicotineamide, (Vitamin B3, Biotin (Vitamin B7) Calcium pantothenate, pantothenic acid (Vitamin B5) Cianocobalamine (Vitamin B12) Fat-soluble vitamins: Vitamin A Retinol (Vitamin A alcohol); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	
		47. Furans	VLM 72:2019
		48. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
VII.	Fats, oils and derivatives	1. Moisture and volatile matter Water Moisture 2. Acid value; Acidity (Free Fatty Acids) Acid value 3. Peroxide value 4. Iodine value 5. Unsaponifiable matter 6. Insoluble impurities 7. Refractive index 8. Conventional mass per volume (litre weight in air) 9. Genetically modified organisms ** 10. Flashpoint limit 11. Pesticides**	БДС EN ISO 662 (ISO 662) БДС EN ISO 8534 (ISO 8534) БДС ISO 934 (ISO 934) AOCS Ja 2a-46 AOCS Ja 2b-87 БДС EN ISO 660 (ISO 660) AOCS Ja 6-55 БДС EN ISO 3960 (ISO 3960) AOCS Ja 8-87 БДС EN ISO 3961 (ISO 3961) AOCS Ja 14-91 БДС EN ISO 3596 (ISO 3596) БДС EN ISO 18609 (ISO 18609) БДС EN ISO 663 (ISO 663) БДС EN ISO 6320 (ISO 6320) БДС EN ISO 6883 (ISO 6883) БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013 БДС ISO 15267 (ISO 15267) VLM 28:2007 БДС EN 15662 VLM 146:2015

**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
		Dithiocarbamate	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		Biocides, quaternary ammonium compounds	VLM 81:2019
		12. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B БДС EN 16215 VLM 133:2013
		13. Polychlorinated biphenyls	EPA 1668 C БДС EN 16215 VLM 133:2013
		14. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		Phosphorous	ISO 10540-1
		15. Fatty acids composition	БДС EN ISO 12966-1 (ISO 12966-1) БДС EN ISO 12966-4 (ISO 12966-4)
		16. Aliphatic hydrocarbons: saturated aliphatic hydrocarbons; mineral oil, hydrocarbons attributed to mineral origin; diesel oil; saturated n-alkanes (in a certain range)	VLM 48:2008 ISO 17780
		17. Polyaromatic hydrocarbons	VLM 76:2009
		18. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		19. Yeasts and moulds	БДС ISO 21527-2 (ISO 21527-2)
		20. Coliforms	ISO 4831 ISO 4832
		21. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)
		22. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		23. Presumptive E. coli	ISO 7251
		$\beta$ -glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		24. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		25. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)

**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
		26. Presumptive <i>Bacillus cereus</i>	БДС EN ISO 7932 (ISO 7932)
		27. Saponification value	БДС EN ISO 3657 (ISO 3657)
		28. Anisidine value	БДС EN ISO 6885 (ISO 6885)
		29. <i>Listeria spp.</i> и <i>Listeria monocytogenes</i>	БДС EN ISO 11290-1 (ISO 11290-1)
		30. Identity of ingredients	VLM 95:2013
		31. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		32. K-indicators	COI/T.20/Doc. № 19 ISO 3656
		33. Lovibond colour	ISO 15305
		34. Individual and total sterols	ISO 12228-1
		Individual and total sterols and triterpene dialcohols	ISO 12228-2
		35. Residual technical hexane	ISO 9832
		36. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol Fusarenon X Zearalenon Fumonisin Fumonisin B1 Fumonisin B2 Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3)	VLM 92:2010
		37. Phthalates	VLM 135:2013
		38. Alkalinity (soaps)	БДС EN ISO 10539 (ISO 10539)
		39. Melting point (slip point)	ISO 6321
		40. Colour additives - Annatto (Bixin, Norbixin)	VLM 149:2016
		41. Cold test	AOCS Cc 11-53 AOAC 929.08
		42. Water activity	ISO 18787
		43. Sediments	БДС EN ISO 15301 (ISO 15301)

**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
		44. Polybrominated Diphenyl Ethers	EPA 1614A
		45. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		46. 2-monochloropropane-1,2-diol (2-MCPD); 3- monochloropropane -1,2-diol (3-MCPD); 2- and 3-MCPD esthers of fatty acids; Glycidyl esthers of fatty acids;	AOAC 2018.03
		2-monochloropropane-1,2-diol (3-MCPD) Glycidyl esthers of fatty acids;	AOCS Cd 29c-13 БДС ISO 18363-1 (ISO 18363-1)
		47. Pyrrolizidine alkaloids	VLM 50:2019
		48. Vitamines Fat-soluble vitamines: Vitamin A Retinol (Vitamin A alcohol ); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	VLM 80:2019
		49. Furans	VLM 72:2019
		50. Unwanted materials Harmful botanical impurities Inert materials Foreign bodies Ingredients of animal origin Impurities of animal origin (Filth)	VLM 154:2020
		51. Ash	БДС ISO 6884 (ISO 6884)
		52. Oxidative stability	БДС EN ISO 6886 (ISO 6886)
		53. Toluene-insoluble matter	ISO 28198
		54. Hexane-insoluble matter	AOCS Ja 3-87
		55. Acetone-insoluble matter	AOCS Ja 4-46
VIII.	Spices	1. Moisture	БДС 601 БДС ISO 939 (ISO 939)
		Moisture and volatile matter	ISO 3632-2
		2. Infestation and nest damage	БДС 15335
		3. Impurities	БДС 13380
		Extraneous matter and foreign matter	БДС EN ISO 927 (ISO 927)
		4. Pesticides**	БДС EN 15662 VLM 146:2015
		Dithiocarbamate	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		Biocides, quaternary ammonium compounds	VLM 81:2019
		5. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		6. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		7. Metals and non-metals	VLM 40:2009

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
		Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	
		8 Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol 15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1 Fumonisin B2 Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3)	VLM 16:2005 VLM 92:2010
		9. Enterobacteriaceae	БДC EN ISO 21528-1 (ISO 21528-1) БДC EN ISO 21528-2 (ISO 21528-2)
		10. Yeasts and moulds	БДC ISO 21527-2 (ISO 21527-2)
		11. Coliforms	ISO 4831 ISO 4832
		12. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДC EN ISO 6888-1 (ISO 6888-1)
		13. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДC EN ISO 15213-2 (ISO 15213-2)
		14. Presumptive E. coli	ISO 7251
		β-glucuronidase-positive E. coli	БДC ISO 16649-2 (ISO 16649-2)
		15. Salmonella spp.	БДC EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		16. Total viable count	БДC EN ISO 4833-1 (ISO 4833-1) БДC EN ISO 4833-2 (ISO 4833-2)

**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
		17. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		18. Polyaromatic hydrocarbons	VLM 76:2009
		19. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		20. Total, Soluble, and Insoluble Dietary Fibres	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		21. Allergens Gluten/ Gliadin Soya allergens	VLM 110:2022
		22. Total sulphur dioxide	VLM 174:2020
		23. Total ash	БДС ISO 928 (ISO 928)
		24. Acid-insoluble ash	БДС ISO 930 (ISO 930)
		25. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1)
		26. Colour additives – Annatto (Bixin, Norbixin)	VLM 149:2016
		27. Piperine	ISO 5564
		28. Cold water-soluble extract	БДС ISO 941 (ISO 941)
		29. Saffron main characteristics: Flavour strength (picrocrocine) Aroma strength (safranal) Colouring strength (crocine)	ISO 3632-2
		30. Extractable colour (ASTA)	БДС EN ISO 7541 (ISO 7541) AOAC 971.26
		31. Non-volatile ether extract	БДС ISO 1108 (ISO 1108)
		32. Volatile oil content	БДС EN ISO 6571 (ISO 6571)
		33. Water activity	ISO 18787
		34. Cronobacter spp.	БДС EN ISO 22964 (ISO 22964)
		35. Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДС EN ISO 21872-1 (ISO 21872-1)
		36. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		37. Pyrrolizidine alkaloids	VLM 50:2019
		38. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
IX.	Feedingstuffs and materials for their production	1. Moisture	БДС EN ISO 712 (ISO 712), БДС EN ISO 6540 (ISO 6540) AOAC 920.36
		Moisture and volatile matter	БДС ISO 771 (ISO 771) БДС ISO 6496 (ISO 6496) БДС EN ISO 665 (ISO 665)
		Water	БДС ISO 760 (ISO 760)
		2. Nitrogen, Crude protein	БДС EN ISO 5983-1

**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
			(ISO 5983-1) БДC EN ISO 5983-2 (ISO 5983-2)
		Total nitrogen; Crude protein	ISO 16634-1
		Soluble proteins in potassium hydroxide	БДC EN ISO 14244 (ISO 14244)
		Protein Dispersibility Index (PDI)	AOCS Ba 10b-09
		Nitrogen Solubility Index (NSI)	AOCS Ba 11-65
		Soluble nitrogen, Soluble crude protein	БДC ISO 6655 (ISO 6655)
		3. Total ash	БДC ISO 749 (ISO 749)
		Crude ash	ISO 5984
		Ash	БДC 11374
		4. Crude fibres	ISO 6884 (ISO 6884)
		Crude fibres	БДC ISO 5498 (ISO 5498)
		Crude fibres	БДC 11374 БДC EN ISO 6865 (ISO 6865)
		5. Oil content	БДC EN ISO 734 (ISO 734)
		Crude fat, Total fat	ISO 11085
		Fat	БДC ISO 6492 (ISO 6492)
		Crude fat	БДC 11374
		6. Acidity as per Neumann	БДC 11374
		7. Ash insoluble in hydrochloric acid	БДC ISO 5985 (ISO 5985)
		Ash insoluble in HCl	БДC ISO 735
		8. Urease activity	БДC ISO 5506 (ISO 5506)
		9. Enterobacteriaceae	БДC EN ISO 21528-1 (ISO 21528-1) БДC EN ISO 21528-2 (ISO 21528-2)
		10. Yeasts and moulds	БДC ISO 21527-1 (ISO 21527-1) БДC ISO 21527-2 (ISO 21527-2)
		11. Coliforms (lactose fermenting bacteria)	ISO 4831 ISO 4832
		12. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДC EN ISO 6888-1 (ISO 6888-1)
		13. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДC EN ISO 15213-2 (ISO 15213-2)
		14. Presumptive E. coli	ISO 7251
		β-glucuronidase-positive E. coli	БДC ISO 16649-2 (ISO 16649-2)
		15. Salmonella spp.	БДC EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3

**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
		16. Total viable count (mesophilic aerobes and facultative anaerobes)	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		17. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		18. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		19. Pesticides**	БДС EN 15662 VLM 146:2015 VLM 28:2007
		Dithiocarbamate	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		Biocides, quaternary ammonium compounds	VLM 81:2019
		20. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B БДС EN 16215 VLM 133:2013
		21. Polychlorinated biphenyls	EPA 1668C БДС EN 16215 VLM 133:2013
		22. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		Calcium	ISO 6490-1
		Phosphorus	ISO 6491
		Iodine	БДС EN 17050
		23. Mycotoxins Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol 15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1, Fumonisin B2,	VLM 16:2005 VLM 92:2010

**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
		Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3) Ergot alkaloids (Claviceps purpurea alkaloids)	
		24. Melamine, cyanuric acid	VLM 70:2009
		25. Polyaromatic hydrocarbons	VLM 76:2009
		26. Amylase-treated neutral detergent fibres (ANDF)	БДС EN ISO 16472
		27. Acid detergent fibres (ADF)	БДС EN ISO 13906
		28. Acid detergent lignin (ADL)	БДС EN ISO 13906
		29. Nitrogen free extract (NFE)	VLM 108:2010
		30. Energy / Nutritional information: Gross energy Digestible energy Metabolic energy Net energy Nitrogen free extract Non-structural carbohydrates (NSC) Acid detergent insoluble nitrogen Crude protein of acid detergent fibres / Unavailable crude protein Adjusted crude protein (Available crude protein) Organic matter Coefficient of energy digestibility ME/DE ratio Utilization coefficient of ME Digestible crude protein Digestible organic matter Digestibility of the dry organic matter Total digestible nutrients Dry matter digestibility Daily dry matter intaken Relative feed value Feed unit for milk production Feed unit for meat production	VLM 107:2010
		31. Veterinary drug residues: Veterinary drugs with anabolic effect (steroids, $\beta$ -agonists) Veterinary drugs with drug-induced effect (sulfonamides, anticoccidial drugs, quinolones, fluoroquinolones, streptomycin, chloramphenicol, nonsteroidal anti-inflammatory drug, tetracycline, nitrofurans)	VLM 98:2010 VLM 100:2010
		32. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		33. Fatty acids	VLM 171:2020 СД CEN ISO/TS 17764-1 (ISO/TS 17764-1) СД CEN ISO/TS 17764-2

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
			(ISO/TS 17764-2)
		34. Glucosinolates	VLM 78:2009
		35. Identity of ingredients	VLM 95:2013
		36. Starch	Commission Implementing Regulation (EC) 2024/771, Annex III, K ISO 6493
		37. Free and total gossypol	ISO 6866
		38. Water-soluble chlorides, Sodium chlorides	ISO 6495-1
		39. Sugar	Commission Implementing Regulation (EC) 2024/771, Annex III, I
		40. Lactose	Commission Implementing Regulation (EC) 2024/771, Annex III, J
		41. Urea	ISO 6654
		42. Volatile nitrogenous bases	VLM 14:2020
		43. Pathogens	VLM 91:2015
		44. Shigella spp.	БДC EN ISO 21567 (ISO 21567)
		45. Theobromine	VLM 139:2015
		46. Nitrites, nitrates	VLM 79:2012
		47. Fluorine (measured as fluoride)	БДC EN 16279
		48. Enterococcus spp.	VLM 85:2015
		49. Volatile mustard oil	GAFTA 16:0
		50. Water activity	ISO 18787
		51. Trypsin inhibitor activity	БДC EN ISO 14902 (ISO 14902)
		52. Hydrocyanic acid	AOAC 970.11
		Hydrocyanic acid, Hydrogen cyanide, Cyanide, Prussic acid,	VLM 168:2020
		53. Polybrominated Diphenyl Ethers	EPA 1614A
		54. Cronobacter spp.	БДC EN ISO 22964 (ISO 22964)
		55. Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДC EN ISO 21872-1 (ISO 21872-1)
		56. Tannin	ISO 9648
		57. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		58. Tropane alkaloids	VLM 36:2020
		59. 2-monochloropropane-1,2-diol (2- MCPD); 3- monochloropropane -1,2-diol (3- MCPD); 2- and 3-MCPD esthers of fatty acids; Glycidyl esthers of fatty acids;	AOAC 2018.03
		60. Pyrrolizidine alkaloids	VLM 50:2019
		61. Vitamines Water-soluble vitamines:	VLM 80:2019

**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
		Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6) Folate, folic acid (Vitamin B9) Niacin=nicotinic acid, Nicotinic acid, niacin, Niacinamide, nicotineamide (Vitamin B3) Biotin (Vitamin B7) Calcium pantothenate, pantothenic acid (Vitamin B5) Cianocobalamine (Vitamin B12) Fat-soluble vitamins: Vitamin A Retinol (Vitamin A alcohol ); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	
		62. Furans	VLM 72:2019
		63. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
		64. Unwanted materials Harmful botanical impurities Inert materials Foreign bodies Ingredients of animal origin Impurities of animal origin (Filth)	VLM 154:2020
		65. Plastics, Microplastics	VLM 214:2023
X.	Meat, meat preparations, meat products, meat food, prepared meat dishes, lard	1. Total viable count (mesophilic aerobes and facultative anaerobes)  2. Coliforms (lactose fermenting bacteria)  3. Yeasts and moulds  4. Salmonella spp.  5. Enterobacteriaceae  6. Presumptive Bacillus cereus  7. Presumptive E. coli β-glucuronidase-positive E. coli  8. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)  ISO 4831 ISO 4832  БДС ISO 21527-1 (ISO 21527-1) БДС ISO 21527-2 (ISO 21527-2)  БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3  БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)  БДС EN ISO 7932 (ISO 7932)  ISO 7251  БДС ISO 16649-2 (ISO 16649-2)  БДС EN ISO 15213-2 (ISO 15213-2)

**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
		9. Pseudomonas spp.	БДС EN ISO 13720 (ISO 13720)
		10. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1) БДС EN ISO 6888-2 (ISO 6888-2) БДС EN ISO 6888-3 (ISO 6888-3)
		11. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		12. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		13. Moisture	БДС 5712 ISO 1442
		14. Fats: free; total;	БДС 8549 ISO 1444
		Total fat	ISO 1443
		15. Total ash	ISO 936
		Ash	БДС 9373
		16. pH	БДС 1323 ISO 2917
		17. Protein/ Nitrogen content	БДС 9374 ISO 937
		18. Meat freshness appearance colour consistency smell marrow tendons and joints bouillon after boiling fat bacterioscopic test	БДС 1323
		19. Pesticides**	VLM 28:2007 VLM 146:2015
		20. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		21. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		22. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009

**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
		23. Polyaromatic hydrocarbons	VLM 76:2009
		24. Energy and calorific value	VLM 77:2009
		25. Total, Soluble, and Insoluble Dietary Fibres	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		26. Allergens: egg allergen; gluten / gliadin; soya allergen; milk allergen	VLM 110:2022
		27. Veterinary drug residues: Veterinary drugs with anabolic effect (steroids, $\beta$ -agonists)	VLM 98:2010
		Veterinary drugs with drug-induced effect (sulfonamides, anticoccidial drugs, quinolones, fluoroquinolones, streptomycin, chloramphenicol, nonsteroidal anti-inflammatory drug, tetracycline, nitrofurans)	VLM 100:2010
		28. Chlorides, sodium chloride	ISO 1841-1
		Chlorides	БДС 7168
		29. Carbohydrates	VLM 106:2012
		30. Hydroxyproline	ISO 3496
		31. Identity of ingredients	VLM 95:2013
		32. Fatty acids composition	VLM 171:2020
		33. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		34. Starch	ISO 5554
		35. Nitrites	ISO 2918 БДС EN 12014-3
		36. Water activity	ISO 18787
		37. Enterococcus spp.	VLM 85:2015
		38. Mesophilic lactic acid bacteria	БДС ISO 15214 (ISO 15214)
		39. Polybrominated Diphenyl Ethers	EPA 1614A
		40. Lactose, galactose	VLM 124:2018
		41. Vibrio spp., Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДС EN ISO 21872-1 (ISO 21872-1)
		42. Perfluoroalkyl substances (PFAS)	VLM 35:2019
XI.	Fish, fish preparations, fish products, aquaculture, mollusk, crustacean, prepared fish products and dishes	1. Total viable count (mesophilic aerobes and facultative anaerobes)	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		2. Coliforms (lactose fermenting bacteria)	ISO 4831 ISO 4832
		3. Yeasts and moulds	БДС ISO 21527-1 (ISO 21527-1) БДС ISO 21527-2 (ISO 21527-2)

**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. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		5. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		6. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		7. Presumptive E. coli	ISO 7251
		$\beta$ -glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		8. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		9. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1) БДС EN ISO 6888-3 (ISO 6888-3)
		10. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 ISO 11290-2
		11. Moisture content/dry matter	БДС 9368
		12. Fats: free; total;	БДС 8549 ISO 1444
		Total fats	ISO 1443
		13. Total acidity of filling and musculature Total acidity of musculature Total acidity in fish musculature Total acidity of the filling Acetic acid in the marinade / filling	БДС 9368
		14. Protein / Nitrogen content	VLM 162:2020
		15. Exuded tissue liquid	БДС 9368
		16. Pesticides**	VLM 28:2007 VLM 146:2015
		17. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		18. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		19. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		20. Polyaromatic hydrocarbons	VLM 76:2009
		21. Energy and calorific value	VLM 77:2009

<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>
1	2	3	4
		22. Total, Soluble, and Insoluble Dietary Fibres	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		23. Allergens Peanut allergens Milk allergens Egg allergens Gluten/ Gliadin Soya allergens	VLM 110:2022
		24. Total Ash	VLM 160:2020
		25. pH	БДС 9368
		26. Chlorides, sodium chloride (table salt)	VLM 161:2020
		Chlorides	БДС 7168
		27. Carbohydrates	VLM 106:2012
		28. Identity of ingredients	VLM 95:2013
		29. Fatty acids composition	VLM 171:2020
		30. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		31. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		32. Starch	VLM 165:2020
		33. Nitrites	VLM 166:2020
		34. Water activity	ISO 18787
		35. Enterococcus spp.	VLM 85:2015
		36. Polybrominated Diphenyl Ethers	EPA 1614A
		37. Veterinary drug residues: Veterinary drugs with anabolic effect (steroids, $\beta$ -agonists) Veterinary drugs with drug-induced effect (sulfonamides, anticoccidial drugs, quinolones, fluoroquinolones, streptomycin, chloramphenicol, nonsteroidal anti-inflammatory drug, tetracycline, nitrofurans)	VLM 100:2010
		38. Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДС EN ISO 21872-1 (ISO 21872-1)
		39. Pseudomonas spp.	VLM 170:2020
		40. Perfluoroalkyl substances (PFAS)	VLM 35:2019
XII.	Food. Canned food	1. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2) БДС 6877
		Mesophilic aerobes and facultative anaerobes	БДС 6916

**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. Coliforms (lactose fermenting bacteria)	ISO 4831 ISO 4832
		3. Yeasts and moulds	БДС ISO 21527-1 (ISO 21527-1) БДС ISO 21527-2 (ISO 21527-2)
		4. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		5. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		6. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		Bacillus cereus	БДС 13807
		7. Presumptive E. coli	ISO 7251
		$\beta$ -glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		8. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		9. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1) БДС EN ISO 6888-3 (ISO 6888-3)
		10. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		11. Pseudomonas spp.	БДС EN ISO 13720
		12. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1), БДС EN ISO 21570+A1 (ISO 21570+A1), VLM 99:2013
		13. Net weight and proportion of components	БДС 7181 БДС 1035
		Net weight and weight of components: fish in percents net weight of liquid components net weight of melted grease	БДС 15572
		Net mass and proportion of composites: weight of fish in % other solids except fish/components liquid phase/sauce and filling/ water content in liquid phase	БДС 15359
		14. Moisture	БДС 15437
		Moisture	ISO 1442
		Solid matter	БДС 16612
		15. Free fat	БДС 6997
		Fats: free total	БДС 8549 ISO 1444

**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 fat	ISO 1443
		16. Chlorides	БДС 7168
		17. Total acidity of juice and musculature Total acidity of musculature Total acidity in fish musculature Total acidity of the filling Acetic acid in the marinade / filling	БДС 9368
		Titratable acidity	БДС 6996 ISO 750
		18. Ash	БДС 9373
		Total ash	ISO 936
		19. pH	БДС 11688 ISO 2917
		20. Protein/ Nitrogen content	БДС 15438 БДС 14431 БДС 9374 ISO 937
		21. Pesticides**	VLM 28:2007 БДС EN 15662 VLM 146:2015
		22. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		23. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		24. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium	VLM 40:2009
		25. Polyaromatic hydrocarbons	VLM 76:2009
		26. Energy and calorific value	VLM 77:2009
		27. Total, Soluble, and Insoluble Dietary Fibres	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		28. Allergens Peanut allergens Milk allergens Egg allergens Gluten/ Gliadin Soya allergens	VLM 110:2022
		29. Sulfites, sulfur dioxide	AOAC 990.28
		Total sulphur dioxide	ISO 5522
		Total, free sulphur dioxide	БДС 11709
		30. Carbohydrates	VLM 106:2012
		31. Identity of ingredients	VLM 95:2013
		32. Fatty acids composition	VLM 171:2020
		33. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids;	VLM 132:2013

**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
		Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	
		34. Starch	ISO 5554
		35. Sugar	БДС 7169
		36. Nitrites	ISO 2918 БДС EN 12014-3
		37. Water activity	ISO 18787 AOAC 978.18
		38. Polybrominated Diphenyl Ethers	EPA 1614A
		39. Lactose, galactose	VLM 124:2018
		40. Cronobacter spp.	БДС EN ISO 22964 (ISO 22964)
		41. Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДС EN ISO 21872-1 (ISO 21872-1)
		42. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		43. Vitamines  Water-soluble vitamins: Ascorbic acid (Vitamin C);  Fat-soluble vitamins: Vitamin A Retinol (Vitamin A alcohol); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	VLM 80:2019
		44. Furans	VLM 72:2019
		45. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
XIII.	Food. Milk and dairy products, fruit milk, ice cream, dairy cans, dairy paste, milk salads, edible oil emulsions and spreadable fats	1. Total viable count (mesophilic aerobes and facultative anaerobes)	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		2. Coliforms (lactose fermenting bacteria)	ISO 4831 ISO 4832
		3. Yeasts and moulds	БДС ISO 6611 (ISO 6611) БДС ISO 21527-1 (ISO 21527-1) БДС ISO 21527-2 (ISO 21527-2)
		4. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		5. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		6. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		7. Presumptive E. coli	ISO 7251

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
		β-glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		8. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		9. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1) БДС EN ISO 6888-3 (ISO 6888-3)
		10. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		11. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		12. Nitrogen, protein	БДС EN ISO 8968-1 VLM 22:2007
		Nitrogen	БДС ISO 1871 (ISO 1871)
		13. Fat content	БДС ISO 19662 БДС EN ISO 17189 (ISO 17189)
		Fat	БДС EN ISO 1211 БДС EN ISO 1736 ISO 23318 БДС EN ISO 23319 (ISO 23319) БДС EN ISO 3727-3 (ISO 3727-3)
		14. Sugar lactose invert sugar	БДС 6191
		15. Inhibitors (antibiotics and sulfonamides)	Commission Regulation 91/180/EEC, Annex II, par. VIII*
		16. Total solids	БДС EN ISO 5534 (ISO 5534)
		Moisture	БДС EN ISO 3727-1 (ISO 3727-1)
		Water content	БДС 1109
		Total solids content	ISO 6731
		17. Acidity	БДС 1111
		18. Sodium chloride	БДС 8274
		19. Pesticides**	VLM 28:2007 БДС EN 15662 VLM 146:2015
		Biocides, quaternary ammonium compounds	VLM 81:2019
		20. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013

**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
		21. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		22. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		23. Mycotoxins Aflatoxin M1	VLM 16:2005 VLM 92:2010
		25. Individual and total sterols	VLM 13:2023
		26. Melamine, cyanuric acid	VLM 70:2009 БДС EN 16858
		27. Polyaromatic hydrocarbons	VLM 76:2009
		28. Energy and calorific value	VLM 77:2009
		29. Total, Soluble, and Insoluble Dietary Fibres	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		30. Allergens Peanut allergens Milk allergens Egg allergens Gluten/ Gliadin Soya allergens	VLM 110:2022
		31. Non-fat solids and fat contents	БДС EN ISO 3727-2 (ISO 3727-2)
		32. Ash	БДС 6154
		33. Carbohydrates	VLM 106:2012
		34. Casein. Casein nitrogen	ISO 17997-1 ISO 17997-2
		35. Sulfites, sulfur dioxide	AOAC 990.28
		36. Identity of ingredients	VLM 95:2013
		37. Fatty acids composition	ISO 16958
		38. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		39. Colour additives – Annatto (Bixin, Norbixin)	VLM 149:2016
		40. Preservatives natamycin	БДС EN ISO 9233-1 (ISO 9233-1); БДС EN ISO 9233-2 (ISO 9233-2)
		41. Water activity	ISO 18787
		42. Mesophilic lactic acid bacteria	БДС ISO 15214 (ISO 15214)
		43. Polybrominated Diphenyl Ethers	EPA 1614A
		44. Cronobacter spp.	БДС EN ISO 22964 (ISO 22964)

**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
		45. <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> , <i>Vibrio vulnificus</i>	БДС EN ISO 21872-1 (ISO 21872-1)
		46. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		47. Vitamines  Water-soluble vitamins: Ascorbic acid (Vitamin C);  Fat-soluble vitamins: Vitamin A Retinol (Vitamin A alcohol); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	VLM 80:2019
XIV.	Raw milk	48. Furans	VLM 72:2019
		1. Total viable count (mesophilic aerobes and facultative anaerobes)	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		2. Coliforms (lactose fermenting bacteria)	ISO 4831 ISO 4832
		3. Yeasts and moulds	БДС ISO 6611 (ISO 6611) БДС ISO 21527-1 (ISO 21527-1)
		4. <i>Salmonella</i> spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		5. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		6. Presumptive <i>Bacillus cereus</i>	БДС EN ISO 7932 (ISO 7932)
		7. Presumptive <i>E. coli</i>	ISO 7251 ISO 11866-1
		β-glucuronidase-positive <i>E. coli</i>	БДС ISO 16649-2 (ISO 16649-2)
		8. <i>Clostridium perfringens</i> Spores of <i>C. perfringens</i> , Human pathogenic <i>C. perfringens</i>	БДС EN ISO 15213-2 (ISO 15213-2)
		9. Coagulase-positive staphylococcus (incl. <i>Staphylococcus aureus</i> )	БДС EN ISO 6888-1 (ISO 6888-1) БДС EN ISO 6888-3 (ISO 6888-3)
		10. <i>Listeria</i> spp. и <i>Listeria monocytogenes</i>	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		11. Somatic cells count	БДС EN ISO 13366-1 (ISO 13366-1)
		12. Nitrogen, protein	БДС EN ISO 8968-1

**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
			VLM 22:2007
		Nitrogen	БДС ISO 1871 (ISO 1871)
		13. Fat content	БДС ISO 19662
		Fat content	БДС EN ISO 1211 BS EN ISO 1211 БДС EN ISO 19662 (ISO 19662)
		14. Freezing point	ISO 5764
		15. Inhibitors (antibiotics and sulfonamides)	Commission Decision 91/180/EEC, Annex II, par. VIII*
		16. Pesticides**	VLM 28:2007 VLM 146:2015
		17. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		18. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		19. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		20. Mycotoxins Aflatoxin M1	VLM 16:2005 VLM 92:2010
		21. Veterinary drug residues: Veterinary drugs with drug-induced effect (sulfonamides, anticoccidial drugs, quinolones, fluoroquinolones, streptomycin, chloramphenicol, nonsteroidal anti-inflammatory drug, tetracycline)	VLM 100:2010
XV.	Foods. Bee honey	1. Organoleptic properties Colour Clearness	БДС 2673
		2. Water content	БДС 3050
		3. Reducing sugars (invert sugar)	БДС 3050
		4. Sucrose	БДС 3050
		5. Water insoluble matter	БДС 3050
		6. Mineral matter (ash)	БДС 3050
		7. Total acidity	БДС 3050
		8. Test for manic honey	БДС 3050
		9. Commercial glucose admixture	БДС 3050
		10. Diastase activity	БДС 3050
		11. Hydroxymethylfurfural	БДС 3050
		12. Veterinary drug residues: Veterinary drugs with drug-induced effect (sulfonamides, anticoccidial drugs, quinolones, fluoroquinolones, streptomycin, chloramphenicol,	VLM 100:2010

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
		nonsteroidal anti-inflammatory drug, tetracycline, nitrofurans)	
		13. Pesticides**	VLM 115:2011
		14. Polychlorinated biphenyls	VLM 115:2011
		15. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		16. Electrical conductivity	Ordinance № 2 / 27.03.2024 MAF, Annex 9 to Art. 45, p. 5
		17. Genetically modified organisms **	БДC EN ISO 21569+A1 (ISO 21569+A1) VLM 99:2013
		18. Water activity	ISO 18787
		19. Pyrrolizidine alkaloids	VLM 50:2019
		20. Yeasts and moulds, osmophilic yeasts	БДC EN ISO 21527-2 (ISO 21527-2)
		21. Total viable count	БДC EN ISO 4833-1 (ISO 4833-1) БДC EN ISO 4833-2 (ISO 4833-2)
		22. $\beta$ -glucuronidase-positive E. coli	БДC ISO 16649-2 (ISO 16649-2)
		23. Salmonella spp.	БДC EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		24. Sulfite-reducing Clostridium spp.	БДC EN ISO 15213-1 (ISO 15213-1)
XVI.	Fruits, vegetables and products of processing	1. Total viable count	БДC EN ISO 4833-1 (ISO 4833-1) БДC EN ISO 4833-2 (ISO 4833-2)
		Mesophilic aerobes and facultative anaerobes	БДC 6916
		2. Coliforms (lactose fermenting bacteria)	ISO 4831 ISO 4832
		3. Yeasts and moulds	БДC ISO 21527-1 (ISO 21527-1) БДC ISO 21527-2 (ISO 21527-2)
		4. Salmonella spp.	БДC EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		5. Enterobacteriaceae	БДC EN ISO 21528-1 (ISO 21528-1) БДC EN ISO 21528-2 (ISO 21528-2)
		6. Presumptive Bacillus cereus	БДC EN ISO 7932 (ISO 7932)

**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
		7. Presumptive E. coli	ISO 7251
		$\beta$ -glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		8. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		9. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1) БДС EN ISO 6888-3 (ISO 6888-3)
		10. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		11. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		12. Net weight. Proportion of components	БДС 7181
		13. Soluble solid residue	ISO 2173 БДС 17257
		Soluble solids content	БДС EN 12143
		Dry matter, water content	ISO 1026
		Moisture (loss of mass on drying)	AOAC 984.25 VLM 158:2020
		Dry matter	БДС 7133***
		14. Titratable acidity	ISO 750 БДС EN 12147
		15. Total ash, ash alkalinity	БДС 7646
		16. pH	БДС EN 1132 ISO 1842
		17. Total nitrogen / Protein	БДС 14431
		Nitrogen	БДС ISO 1871 (ISO 1871)
		Protein	VLM 162:2020
		18. Sugar	БДС 7169
		19. Pesticides**	БДС EN 15662 VLM 146:2015
		Dithiocarbamate	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		Biocides, quaternary ammonium compounds	VLM 81:2019
		20. Polychlorinated dibenzodioxins and dibenzofurans.	EPA 1613B VLM 133:2013
		21. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		22. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium,	VLM 40:2009

**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
		Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	
		23. Polyaromatic hydrocarbons	VLM 76:2009
		24. Energy and calorific value	VLM 77:2009
		25. Total, Soluble, and Insoluble Dietary Fibres	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		26. Free fats	БДС 6997
		27. Chlorides, sodium chloride	ISO 3634
		Chlorides	БДС 7168
		28. Total sulphur dioxide	ISO 5522
		Total, free sulphur dioxide	БДС 11709
		29. Carbohydrates	VLM 106:2012
		30. Mycotoxins	VLM 16:2005 VLM 92:2010
		Aflatoxin B1	
		Aflatoxin B2	
		Aflatoxin G1	
		Aflatoxin G2,	
		Aflatoxins (B1+B2+G1+G2)	
		Ochratoxin A	
		T-2 toxin	
		HT-2 toxin	
		Deoxynivalenol	
		Diacetoxyscirpenol	
		Nivalenol	
		3-acetyldeoxynivalenol	
		15-acetyldeoxynivalenol	
		Deoxynivalenol-3- glucoside	
		Patulin	
		Fusarenon X	
		Zearalenon	
		Fumonisin	
		Fumonisin B1	
		Fumonisin B2	
		Fumonisin B3	
		Fumonisin (B1+B2)	
		Fumonisin (B1+B2+B3)	
		31. Sweeteners: acesulfame-K, aspartame, saccharin, cyclamate	БДС EN 12856 БДС EN 12857
		32. Preservatives: sorbic acid (sorbate) benzoic acid (benzoate) ethyl para-hydroxybenzoate methyl para-hydroxybenzoate	VLM 137:2014
		33. Colour additives: Tartrazine quinoline yellow sunset yellow azorubine ponceau 4R allura red brilliant blue indigo carmine	VLM 134:2014

<b>Type of the scope: flexible for part of the scope</b>			
<b>№</b>	<b>Tested Products</b>	<b>Type of Test/Characteristic</b>	<b>Testing methods (standard / validated method)</b>
1	2	3	4
		34. Nitrites, nitrates <sup>6</sup>	VLM 79:2012
		35. Water activity	ISO 18787
		36. Acrylamide	БДС EN 16618
		37. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		38. Vitamines  Water-soluble vitamins: Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6) Folate, Folic acid (Vitamin B9) Nicotinic acid, niacin (Vitamin B3) Niacinamide, nicotineamide (Vitamin B3) Biotin (Vitamin B7) Calcium pantothenate, pantothenic acid (Vitamin B5) Cianocobalamine (Vitamin B12)  Fat-soluble vitamins: Vitamin A Retinol (Vitamin A alcohol); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	VLM 80:2019
		39. Furans	VLM 72:2019
		40. Fatty acids composition	VLM 171:2020
		41. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
XVII.	Grain-based food (germs, musli and others), kernels	1. Moisture	БДС EN ISO 712 (ISO 712) ISO 6540 VLM 158:2020
		Moisture and volatile matter	БДС EN ISO 665 (ISO 665)
		2. Crude fibre	БДС ISO 5498
		3. Nitrogen	БДС ISO 1871 (ISO 1871)
		Crude protein	ICC 105/2
		Crude protein, protein	VLM 162:2020
		4. Total Ash	VLM 160:2020
		5. Total fat	ICC 136 VLM 159:2020
		Oil content	БДС EN ISO 659 (ISO 659)
		6. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1)

<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>
1	2	3	4
			БДC EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		7. Pesticides**	БДC EN 15662 VLM 146:2015
		Dithiocarbamate	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		Biocides, quaternary ammonium compounds	VLM 81:2019
		8. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		9. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		10. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		11. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol 15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1 Fumonisin B2 Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3)	VLM 16:2005 VLM 92:2010
		12. Enterobacteriaceae	БДC EN ISO 21528-1 (ISO 21528-1) БДC EN ISO 21528-2 (ISO 21528-2)
		13. Yeasts and moulds	БДC ISO 21527-1 (ISO 21527-1) БДC ISO 21527-2 (ISO 21527-2)
		14. Coliforms	ISO 4831 ISO 4832

**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
		15. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)
		16. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		17. Presumptive E. coli	ISO 7251
		β-glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		18. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		19. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		20. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		21. Polyaromatic hydrocarbons	VLM 76:2009
		22. Energy and calorific value	VLM 77:2009
		23. Total, Soluble, and Insoluble Dietary Fibres	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		24. Allergens: Peanut allergens Milk allergens Egg allergens Gluten/ Gliadin Soya allergens	VLM 110:2022
		25. Sulfites, sulfur dioxide	AOAC 990.28
		Total sulphur dioxide	VLM 174:2020
		26. Carbohydrates	VLM 106:2012
		27. Identity of ingredients	VLM 95:2013
		28. Fatty acids composition	VLM 171:2020
		29. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		30. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		31. Chlorides, sodium chloride (table salt)	VLM 161:2020
		32. Sugar	VLM 163:2020
		33. Water activity	ISO 18787
		34. Colour additives – Annatto (Bixin, Norbixin)	VLM 149:2016
		35. Acrylamide	БДС EN 16618
		36. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		37. Tropane alkaloids	VLM 36:2019
		38.	AOAC 2018.03

**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-monochloropropane-1,2-diol (2-MCPD); 3- monochloropropane -1,2-diol (3-MCPD); 2- and 3-MCPD esthers of fatty acids; Glycidyl esthers of fatty acids;	
		39. Pyrrolizidine alkaloids	VLM 50:2019
		40. Vitamines Water-soluble vitamines: Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6) Folate, Folic acid (Vitamin B9) Niacin = nicotinic acid; Nicotinic acid, niaci, Niacinamide, nicotineamide (Vitamin B3) Biotin (Vitamin B7) Calcium pantothenate, pantothenic acid (Vitamin B5) Cianocobalamine (Vitamin B12) Fat-soluble vitamines: Vitamin A Retinol (Vitamin A alcohol); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	VLM 80:2019
		41. Furans	VLM 72:2019
		42. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
		43. Hydrocyanic acid, Hydrogen cyanide, Cyanide	VLM 168:2020
		44. Oxidative stability	VLM 187:2023
XVIII.	Surface water (a), underground water (b), drinking water – for drinking and household purposes, mineral water from the source, bottled, natural, mineral, spring and table water (c), waste/treated water (d) and sea water (e)	1. Colony count	БДС EN ISO 6222 ISO 6222 (a, b, c, d, e)
		2. Coliforms, faecal coliforms and E. coli	БДС EN ISO 9308-1 +A1 (ISO 9308-1 +A1) (b, c, treated), ISO 9308-2 (a, b, c, d, e), БДС 17336 (a, b, c), VLM 145:2012 (d, e)
		3. Enterococcus	БДС EN ISO 7899-2 (ISO 7899-2) (a, b, c, d)
		4. Pseudomonas aeruginosa	БДС EN ISO 16266 (a, b, c)
		5. Spores of sulphite-reducing anaerobs (clostridia)	ISO 6461-2 (a, b, c, d, e), ISO 6461-1 (a, b, c, d, e)

**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
		Clostridium perfringens, incl. spores	ISO 14189 (a, b, c, d, e)
		6. Legionella spp.	БДС EN ISO 11731 (ISO 11731) (a, b, c, d, e)
		7. Salmonella spp.	ISO 19250 (a, b, c, d, e)
		8. Total chlorine	БДС EN ISO 7393-3 (c) ISO 7393-3 (c)
		Total chlorine, free chlorine	VLM 60:2009 (a, b, c, d)
		Residual chlorine	БДС 3560 (c)
		9. Chlorides	БДС 17.1.4.24 (a, b, d), ISO 9297 (a, b, c, d, e)
		10. pH	БДС 17.1.4.27 (a, b, d) БДС 3424 (c) ISO 10523 (a, b, c, d) VLM 203:2022 (e)
		11. Specific electrical conductivity	БДС EN 27888 (a, b, c, d, e)
		12. Sulphates	БДС 3588 (c) БДС 17.1.4.03 (a, b, d) VLM 61:2009 (a, b, c, d, e)
		13. Dry residue	БДС 3546 (c)
		Dry residue, undissolved, dissolved solids	БДС 17.1.4.04 (a, b, d)
		Suspended solids	БДС EN 872 (a, b, c, d, e)
		14. Pesticides**	VLM 25:2011 (a, b, c, d, e)
		Organochlorine pesticides	БДС EN ISO 6468 (a, b, c, d)
		15. Polychlorinated dibenzodioxins and dibenzofurans	ISO 18073 (a, b, c, d, e), EPA 8290 A (a, b, c, d, e)
		16. Polychlorinated biphenyls	БДС EN ISO 6468 (a, b, c, d) EPA 1668C (a, b, c, d) VLM 204:2022 (e)
		17. Chemical elements: Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Tungsten, Iron, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Strontium, Sulphur, Titanium, Phosphorus, Chromium, Zinc, Zirconium, Uranium	БДС EN ISO 11885 (a, b, c, d, e)
		Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Tungsten, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper,	БДС EN ISO 17294-2 (ISO 17294-2) (a, b, c, d)

**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
		Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Strontium, Sulphur, Titanium, Phosphorus, Chromium, Zinc, Zirconium, Uranium	
		Mercury	БДС EN ISO 12846 (a, b, c, d, e)
		Chromium VI	БДС EN ISO 18412 (c)
		Chromium VI, Chromium III	БДС 17.1.4.17 (a, b, d),
		18. Petroleum products	БДС EN ISO 9377-2 (a, b, d, e)
		19. Polycyclic aromatic hydrocarbons	ISO 28540 (a, b, c, d, e)
		20. Ammonium ions, ammonium nitrogen	VLM 52:2009 (a, b, c, d, e)
		Ammonia, ammonium ions, ammonium nitrogen	БДС ISO 7150-1 (a, b, c, d, e)
		21. Nitrates, nitrate nitrogen	VLM 53:2009 (a, b, c, d, e), БДС ISO 7890-3 (a, b, c, e)
		22. Nitrites, nitrite nitrogen	VLM 54:2009 (a, b, c, d, e), БДС EN 26777 (a, b, c, d, e)
		23. Kjeldahl nitrogen	БДС EN 25663 (a, b, c, d)
		24. Total nitrogen	VLM 55:2009 (a, b, c, d)
		25. Total phosphorus	VLM 56:2009 (a, b, c, d, e), БДС EN ISO 6878, p. 7 (a, b, c, d, e)
		26. Phosphates (orthophosphates)	VLM 57:2009 (a, b, c, d, e), БДС EN ISO 6878, p. 4 (a, b, c, d, e)
		27. Total hardness	VLM 58:2009 (a, b, c, d)
		Total hardness, sum of calcium and magnesium concentrations	БДС ISO 6059 (a, b, c)
		28. Permanganate index, permanganate oxidizability.	БДС EN ISO 8467 (a, b, c, d)
		29. Sulfides	VLM 62:2012 (a, b, c, d), БДС 17.1.4.09 (a, b, c, d, e)
		30. Phenol. Phenol index	VLM 63:2009 (a, d)
		31. Cyanides (free, readily liberated, total)	VLM 64:2009 (a, b, c, d)
		32. Total organic carbon. Dissolved organic carbon	VLM 59:2009 (a, b, c, d)
		33. Chemical oxygen demand (COD)	VLM 65:2009 (a, b, c, d, e), БДС ISO 6060 (a, b, c, d, e)

**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
		Oxidizability, oxygen equivalent (COD)	БДС 17.1.4.02 (a, b, c, d)
		34. Biochemical oxygen demand (BOD5)	VLM 66:2009 (a, b, c, d, e), БДС EN ISO 5815-1 (a, b, c, d, e) БДС EN 1899-2 (a, b, c, d, e)
		35. Dissolved oxygen	БДС EN 25813 (a, b, c, d, e) ISO 17289 (a, b, c, d, e)
		36. Fluorides	VLM 67:2009 (a, b, c, d, e), ISO 10539-1 (a, b, c)
		37. Colour	БДС EN ISO 7887 (a, b, c, d, e)
		38. Odour	БДС 8451 (c) VLM 205:2022 (a, b)
		39. Taste	БДС 8451 (c)
		40. Temperature	БДС 8451 (c) VLM 205:2022 (a, b, d)
		41. Alkalinity (total, composite)	БДС EN ISO 9963-1 (a, b, c, d)
		Carbonate alkalinity	БДС EN ISO 9963-2 (a, b, c) VLM 206:2022 (d)
		42. Bromates	VLM 89:2012 (c) VLM 189:2021 (c)
		43. Organic nitrogen	VLM 88:2010 (a, b, c, d, e)
		44. Volatile organic compounds	EPA 5021A (a, b, c, d), EPA 8260 D (a, b, c, d) VLM 93:2010 (a, b, c, d)
		45. Chloroform-extractable matter	VLM 94:2012 (a, b, c, d)
		46. Anionic surfactants	VLM 103:2012 (a, b, c, d)
		Anionic synthetic surfactants	БДС 17.1.4.25 (a, b, d),
		47. Hydrogen sulfide	VLM 62:2012 (a, b, c, d), БДС 17.1.4.09 (a, b, c, d)
		48. Vegetable and animal fats	VLM 113:2012 (a, b, c, d)
		49. Turbidity	VLM 84:2012 (a, b, c, d) БДС EN ISO 7027-1 (a, b, c, d, e)
		Transparency	БДС EN ISO 7027-2 (a, b, c, d, e)
		50. Salinity	VLM 117:2011 (a, b, c, d, e)
		51. Hydrogen carbonates	VLM 120:2012 (a, b, c, d)
		52. Faecal Streptococci	VLM 128:2012 (a, b, c, d, e)

**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
		53. Dissolved or emulsified hydrocarbons (after extraction with petroleum ether)	VLM 130:2013 (a, b, c, d, e)
		54. Adsorbable organic halogens	VLM 127:2013 (a, b, c, d, e)
		56. Bisphenol A	VLM 82:2020 (a, b, c, d, e)
		57. Nonilfenol	VLM 82:2020 (a, b, c, d, e)
		58. Microcystin-LR	VLM 82:2020 (a, b, c, d, e)
		59. Haloacetic acids	БДС EN ISO 23631 (a, b, c, d, e) VLM 83:2020 (a, b, c, d, e)
		60. Perfluoroalkyl and polyfluoroalkyl substances (PFAS)	ISO 21675 (a, b, c, d, e)
		61. Acrylamide	VLM 153:2020 (a, b, c, d, e)
		62. Chlorites	VLM 189:2021 (c)
		63. Chlorates	VLM 189:2021 (c)
		64. Activity concentration of gamma-emitting radionuclides	БДС EN ISO 10703 (ISO 10703) (a, b, c)
		65. Radium-226 activity concentration	БДС EN ISO 13165-1 (ISO 13165-1) (a, b, c)
		66. Radon-222 activity concentration	БДС EN ISO 13164-4 (ISO 13164-4) (a, b, c)
		67. Gross activity of alfa-emitting radionuclides. Gross alfa activity;	БДС EN ISO 9696 (ISO 9696) (a, b, c)
		68. Gross activity of beta-emitting radionuclides. Gross beta activity;	БДС EN ISO 9697 (ISO 9697) (a, b, c)
		69. Tritium activity concentration	БДС EN ISO 9698 (ISO 9698) (a, b, c)
		70. Strontium-90 activity concentration	VLM 212:2023 (a, b, c)
		71. Plastics, microplastics	VLM 214:2023 (a, b, c, d, e)
XIX.	Swimming pool water	1. Total viable count	БДС 17335
		Enumeration of culturable micro-organisms	БДС EN ISO 6222 (ISO 6222)
		2. Coliforms, faecal coliforms and E. coli	БДС 17335
		Coliform bacteria, Escherichia coli,	БДС EN ISO 9308-1 +A1 (ISO 9308-1 +A1) ISO 9308-2
		3. Enterococcus	БДС 17335
		Intestinal enterococci	БДС EN ISO 7899-2 (ISO 7899-2)
		4. Staphylococcus and S. aureus	БДС 17335
		5. Pseudomonas aeruginosa	БДС 17335
			БДС EN ISO 16266
		6. Faecal streptococcus	VLM 128:2012
		7. Free (residual) chlorine	БДС 3560
		8. Total chlorine	БДС EN ISO 7393-3
		9. Ammonia, ammonium ions, ammonium nitrogen	БДС ISO 7150-1

**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
		10. Nitrites	БДС EN 26777
		11. Oxidizability (permanganate oxidizability)	БДС 3413
		12. pH	ISO 10523
		13. Transparency	БДС 8451
		14. Chemical elements – iron, manganese	БДС EN ISO 11885
		15. Colour	БДС EN ISO 7887
		16. Temperature	БДС 8451
		17. Suspended solids	БДС EN 872
		18. Legionella spp.	БДС EN ISO 11731 (ISO 11731)
XX.	Hygiene of working environment. Washouts and swabs	1. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		2. Coliforms	ISO 4832
		Presumptive E. coli	ISO 7251
		β-glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		3. Yeasts and moulds	БДС ISO 21527-1 (ISO 21527-1)
		4. Enterobacteriaceae	БДС EN ISO 21528-2 (ISO 21528-2)
		5. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		6. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1) БДС EN ISO 6888-3 (ISO 6888-3)
		7. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		8. Cronobacter spp.	БДС EN ISO 22964 (ISO 22964)
		9. Allergens:	VLM 110:2022
		- peanut allergens;	
		- milk allergens;	
		- egg allergens;	
		- gluten / gliadin;	
		- soy allergens;	
		1. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		2. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		3. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		4. Yeasts and moulds	БДС ISO 21527-1 (ISO 21527-1) БДС ISO 21527-2 (ISO 21527-2)

**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
		5. Coliforms	ISO 4831 ISO 4832
		6. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)
		7. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		8. Presumptive E. coli	ISO 7251
		$\beta$ -glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		9. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		10. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		11. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		12. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		13. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		14. Water content	БДС 4336
		15. Ash	GB 5009.4
		16. Fats	БДС 4336
		Free fat	БДС 6997
		17. Nitrogen	БДС ISO 1871 (ISO 1871)
		18. Energy and calorific value	VLM 77:2009
		19. Total dietary fibres	AOAC 985.29
		20. Chlorides	БДС 7168 VLM 161:2020
		21. pH	БДС 4336
		22. Titratable acidity	БДС 6996
		23. Sulfites, sulfur dioxide	AOAC 990.28
		24. Pesticides**	VLM 28:2007 VLM 146:2015
		25. Identity of ingredients	VLM 95:2013
		26. Fatty acids composition	VLM 171:2020
		27. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids;	VLM 132:2013

**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
		Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	
		28. Carbohydrates	VLM 106:2012
		29. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		30. Water activity	ISO 18787
		31. Polybrominated Diphenyl Ethers	EPA 1614A
		32. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		33. Furans	VLM 72:2019
XXII.	Bread, pastry, confectionery, desserts and semi-finished products	1. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		2. Pesticides**	БДС EN 15662 VLM 146:2015
		3. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		4. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		5. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		6. Moisture, dry material	БДС 5313
		Moisture of the crumb Moisture Total moisture Total dry matter	БДС 3412
		7. Total ash; Ash soluble and insoluble in water; Ash insoluble in hydrochloric acid; Alcalinity of ash soluble and insoluble in water	БДС 5313
		8. Acidity	БДС 3412 БДС 5879
		9. Sodium chloride, table salt	БДС 3412
		10. Sugar (reducing and total sugars)	БДС 3412 БДС 5439
		11. Fats	БДС 3412 БДС 5439
		12. Nitrogen	БДС ISO 1871 (ISO 1871)
	Protein	VLM 162:2020	
	13. Energy and calorific value	VLM 77:2009	

**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. Dietary Fibres - total, soluble, and insoluble	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		15. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		16. Yeasts and moulds	БДС ISO 21527-1 (ISO 21527-1) БДС ISO 21527-2 (ISO 21527-2)
		17. Coliforms	ISO 4831 ISO 4832
		18. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)
		19. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		20. Presumptive E. coli	ISO 7251
		$\beta$ -glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		21. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		22. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		23. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		24. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		25. Allergens: Peanut allergens Milk allergens Egg allergens Gluten/ Gliadin Soya allergens	VLM 110: 2022
		26. Sulfites, sulfur dioxide	AOAC 990.28
		27. Carbohydrates	VLM 106:2012
		28. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2, Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol	VLM 16:2005 VLM 92:2010

**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
		15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1 Fumonisin B2 Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3)	
		29. Identity of ingredients	VLM 95:2013
		30. Fatty acids composition	VLM 171:2020
		31. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		32. Sweeteners: acesulfame-K, aspartame, saccharin cyclamate	БДС EN 12856 БДС EN 12857
		33. Preservatives: sorbic acid (sorbate) benzoic acid (benzoate) ethyl para-hydroxybenzoate methyl para-hydroxybenzoate	VLM 137:2014
		34. Colour additives: Tartrazine quinoline yellow sunset yellow azorubine ponceau 4R allura red AC brilliant blue indigo carmine	VLM 134:2014
		Annatto (Bixin, Norbixin)	VLM 149:2016
		35. Water activity	ISO 18787
		36. Acrylamide	БДС EN 16618
		37. Peroxide value	БДС 10386
		38. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		39. Tropane alkaloids	VLM 36:2020
		40. 2-monochloropropane-1,2-diol (2-MCPD); 3- monochloropropane -1,2-diol (3-MCPD); 2- and 3-MCPD esthers of fatty acids; Glycidyl esthers of fatty acids;	AOAC 2018.03
		41. Pyrrolizidine alkaloids	VLM 50:2019
		42. Vitamines Water-soluble vitamins: Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6)	VLM 80:2019

<b>Type of the scope:</b> <i>flexible for part of the scope</i>			
<b>Nº</b>	<b>Tested Products</b>	<b>Type of Test/Characteristic</b>	<b>Testing methods (standard / validated method)</b>
1	2	3	4
		Folate, folic acid (Vitamin B9) Niacin=nicotinic acid; Nicotinic acid, niacin, Niacinamide nicotineamide (Vitamin B3), Biotin (Vitamin B7) Calcium pantothenate, pantothenic acid (Vitamin B5) Cianocobalamine (Vitamin B12) Fat-soluble vitamins: Vitamin A Retinol (Vitamin A alcohol); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	
		43. Furans	VLM 72:2019
		44. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
		45. Oxidative stability	VLM 187:2023
		46. Individual and total sterols	VLM 13:2023
XXIII.	Soils (a), soil improvers (compost, bio fertilizer, fermentation product, organic soil improvers, stabilized organic fraction from MBT, treated bio-waste) (b)	1. E. coli	VLM 17:2010 (a, b), CД CEN/TR 16193 (a, b)
		2. Clostridium perfringens	VLM 18:2010 (a, b), VLM 147:2016 (a, b)
		3. Salmonella spp.	VLM 19:2010(a, b), CД CEN/TR 15215-3 (a, b)
		4. Dry matter, water content	ISO 11465 (a)
		Dry matter (dry residue), moisture	БДC EN 15934 p.6 (Method A) (a, b)
		5. Total nitrogen	БДC ISO 11261 (ISO 11261) (a)
		6. Total soluble nitrogen	VLM 69:2009 (a, b)
		7. Kjeldahl nitrogen	VLM 69:2009 (a, b), БДC EN 16169 (a, b)
		8. Phosphorus	БДC ISO 11263 (a),
		Phosphorus, phosphates	VLM 47:2008 (a, b)
		9. Sulphates (water-soluble)	БДC ISO 11048 (a) VLM 175:2020 (b)
		10. Specific electrical conductivity	БДC ISO 11265 (a), CД CEN/TS 15937 (a, b)
		11. Humus	VLM 24:2007 (a)
		12. pH	БДC EN ISO (ISO 10390) (a, b)
		13. Chlorides	VLM 41:2007 (a, b)
		14. Pesticides** Organochlorine; Organophosphorus	VLM 26:2007 (a, b)
		Nitrogen-containing Pyrethroid Carbamate	VLM 74:2009 (a, b)
		15. Polychlorinated dibenzodioxins and dibenzofurans	EPA 8290 A (a, b)

**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
		16. Polychlorinated biphenyls	VLM 26:2007(a, b) EPA 1668 B (a, b) БДС EN 17322 (a, b)
		17. Chemical elements: Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Strontium, Sulphur, Thallium, Titanium, Phosphorus, Chromium, Zinc	VLM 38:2007 (a, b) БДС EN ISO 22036 (ISO 22036) (a, b) БДС EN 16171 (a, b)
		Rubidium	VLM 38:2007 (a, b) БДС EN 16171 (a, b)
		Mercury	БДС EN 16175-1 (a, b)
		Soluble, extractable, available, exchangeable, movable forms of chemical elements: Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Strontium, Sulphur, Thallium, Titan, Phosphorus, Chromium, Zinc	БДС EN ISO 22036 (ISO 22036) (a) VLM 38:2007 (a, b)
		Rubidium	VLM 38:2007 (a, b)
		18. Polycyclic aromatic hydrocarbons	ISO 18287 (a), БДС EN 17503 (a, b)
		19. Hydrocarbon (C10 to C40)	ISO 16703 (a)
		20. Organic carbon	БДС ISO 14235*** (ISO 14235***) (a) VLM 176:2020 (b)
		21. Nitrates, nitrate nitrogen	VLM 45:2008 (a, b)
		22. Nitrites, nitrite nitrogen	VLM 44:2008 (a, b) ISO/TS 14256-1 (a)
		23. Ammonium, ammonium nitrogen	VLM 46:2008 (a, b), ISO/TS 14256-1 (a)
		24. Carbonates, carbonate alkalinity	VLM 49:2008 (a, b)
		25. Hydrogen carbonates	VLM 49:2008 (a, b)
		26. Harmful acidity	БДС 17.4.4.07 (a)
		27. Organic matter	VLM 109:2010 (a)
		Loss on ignition, organic matter	БДС EN 15935 (a, b)
		28. Volatile aromatic and halogenated hydrocarbons	БДС EN ISO 22155 (a) VLM 177:2020 (b)
		29. Pathogens	VLM 91:2015 (a, b)
		30. Mechanic structure (texture of soil)	VLM 138:2015 (a)
		31. Total water-soluble salts content	БДС 11301 (a)
		32. Distribution of particles by size	БДС EN 15428 (b)
		33. Impurities	СД CEN/TS 16202 (a, b)
		34. Plastics, microplastics	VLM 214:2023

<b>Type of the scope: flexible for part of the scope</b>			
<b>№</b>	<b>Tested Products</b>	<b>Type of Test/Characteristic</b>	<b>Testing methods (standard / validated method)</b>
1	2	3	4
		35. Activity concentration of natural and technogenic radionuclides measured by gamma-spectrometry	VLM 209:2023
XXIV.	Wastes (a), treated bio-waste (b), sludge (c), sediments (d), waste after preparation of eluates (e)	1. pH	БДС EN ISO 10390 (ISO 10390) (a, b, c, d)
		2. Dry residue, water	БДС EN 12880 (c)
		Dry matter (dry residue), moisture	БДС EN 15934 (a, b, c, d)
		3. Kjeldahl nitrogen	БДС EN 13342 (c), БДС EN 16169 (b, c, d) VLM 202 :2022 (a)
		4. E. coli	VLM 17:2010 (a, c, d) СД CEN/TR 16193 (b, c, d)
		5. Clostridium perfringens	VLM 18:2010 (c, d), VLM 147:2016 (c, d)
		6. Salmonella spp.	VLM 19:2010 (a, c, d), СД CEN/TR 15215-3 (b, c, d)
		7. Pesticides** Organochlorine; Organophosphorus	VLM 26:2007 (a, b, c, d)
		Nitrogen-containing Pyrethroid Carbamate	VLM 74:2009 (a, b, c, d)
		8. Polychlorinated dibenzodioxins and dibenzofurans	EPA 8290 A (a, b, c, d)
		9. Polychlorinated biphenyls	VLM 26:2007 (a, b, c, d), EPA 1668C (b, c, d), БДС EN 17322 (a, b, c, d)
		10. Chemical elements Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Strontium, Sulphur, Thallium, Titanium, Phosphorus, Chromium, Zinc	VLM 38:2007 (a, b, c, d), БДС EN ISO 22036 (ISO 22036) (a, b, c, d)
		Chemical elements: Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Rubidium, Selenium, Silver, Strontium, Thallium, Phosphorus, Chromium, Zinc	БДС EN 16171 (b, c, d)
		Rubidium	VLM 38:2007 (a, b, c, d)
Chemical elements (exchange forms): Potassium, Calcium, Magnesium, Phosphorus	VLM 38:2007 (c)		

<b>Type of the scope: flexible for part of the scope</b>			
<b>№</b>	<b>Tested Products</b>	<b>Type of Test/Characteristic</b>	<b>Testing methods (standard / validated method)</b>
1	2	3	4
		Mercury	БДС EN 16175-1 (b, c, d)
		11. Polycyclic aromatic hydrocarbons	БДС EN 17503 (a, b, c, d)
		12. Hydrocarbon (C10 to C40)	БДС EN 14039 (a, b, c, d)
		13. Total organic carbon	VLM 176:2020 (a, b, c, d)
		14. Ammonium, ammonium nitrogen	VLM 46:2008 (a, b, c, d)
		15. Nitrates, nitrate nitrogen	VLM 45:2008 (a, b, c, d)
		16. Sulphates (water-soluble)	VLM 175:2020 (a, b, c, d)
		17.1. pH	ISO 10523 (e) БДС 17.1.4.27 (e)
		17.2. Chlorides	ISO 9297 (e) БДС 17.1.4.24 (e)
		17.3. Sulphates	VLM 61:2009 (e) БДС 17.1.4.03 (e)
		17.4. Fluorides	VLM 67:2009 (e) ISO 10539-1 (e)
		17.5. Soluble organic carbon	VLM 59:2009 (e)
		17.6. Chemical elements: Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Tungsten, Iron, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Strontium, Sulphur, Titanium, Phosphorus, Chromium, Zinc	БДС EN ISO 11885 (e)
		Chemical elements: Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Tungsten, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Strontium, Sulphur, Titanium, Phosphorus, Chromium, Zinc	БДС EN ISO 17294-2 (ISO 17294-2) (e)
		Mercury	БДС EN ISO 12846 (e)
		Chromium VI, Chromium III	БДС 17.1.4.17 (e)
		17.7. Specific electrical conductivity	БДС EN 27888 (e)
		17.8. Phenol, phenol index	VLM 63:2009 (e)
		18. Organic matter, loss on ignition	БДС EN 15935 (a, b, c, d)
		19. Total dissolved solids (TDS)	БДС EN 15216 (e)
		20. Nitrites, nitrite nitrogen	VLM 44:2008 (a, b, c, d)
		21. Acid and base neutralization capacity	СД CEN/TS 15364 (a)
		22. Volatile aromatic and halogenated hydrocarbons	VLM 177:2020 (a, b, c, d)
		23. Specific electrical conductivity	СД CEN/TS 15937 (b, c, d)

**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
XXV.	Plant mass	24. Impurities  1. Pesticides** Dithiocarbamate Highly polar pesticides Biocides, quaternary ammonium compounds  2. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc  3. Genetically modified organisms **	СД CEN/TS 16202 (b, c, d)  БДC EN 15662 VLM 146:2015  VLM 101:2012  VLM 102:2012  VLM 81:2019  VLM 40:2009  БДC EN ISO 21569+A1 (ISO 21569+A1) IWA 32
XXVI.	Coffee and coffee substitutes	1. Loss in mass at drying  Moisture (loss in mass)  2. Defect beans count; Foreign matter Proportion of insect-damaged beans  Foreign matter and defects  3. Fineness of grinding 4. Water-soluble matter in coffee 5. Total ash 6. Ash insoluble in 10% HCl 7. Appearance and state, colour, taste, odour 8. Furans 9. Caffeine 10. Acrylamide 11. Foreign plant matter 12. Bulk density, free-flow density Bulk density 13. Polyaromatic hydrocarbons 14. Pesticides**  15. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium,	ISO 6673; БДC ISO 3726 (ISO 3726)  БДC ISO 11294 (ISO 11294) БДC 8999  БДC 8999  БДC ISO 6667 (ISO 6667)  ISO 4149 ISO 10470  БДC 8999  БДC 8999  БДC 8999  БДC 8999  БДC EN 16620  БДC ISO 20481 (ISO 20481)  БДC ISO 18862 (ISO 18862)  БДC 8999  ISO 6669  БДC ISO 8460 (ISO 8460)  VLM 76:2009  БДC EN 15662 VLM 146:2015  VLM 40:2009

**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
		Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	
		16. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol 15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1 Fumonisin B2 Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3) Ergot alkaloids ( <i>Claviceps purpurea</i> alkaloids)	VLM 92:2010
		17. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		18. Yeasts and moulds	БДС ISO 21527-2 (ISO 21527-2)
		19. Coliforms	ISO 4831 ISO 4832
		20. Coagulase-positive staphylococcus (incl. <i>Staphylococcus aureus</i> )	БДС EN ISO 6888-1 (ISO 6888-1)
		21. <i>Clostridium perfringens</i> Spores of <i>C. perfringens</i> , Human pathogenic <i>C. perfringens</i>	БДС EN ISO 15213-2 (ISO 15213-2)
		22. Presumptive <i>E. coli</i> $\beta$ -glucuronidase-positive <i>E. coli</i>	ISO 7251 БДС ISO 16649-2 (ISO 16649-2)
		23. <i>Salmonella</i> spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		24. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		25. Presumptive <i>Bacillus cereus</i>	БДС EN ISO 7932 (ISO 7932)
		26. <i>Enterococcus</i> spp.	VLM 85:2015

<b>Type of the scope: flexible for part of the scope</b>			
<b>№</b>	<b>Tested Products</b>	<b>Type of Test/Characteristic</b>	<b>Testing methods (standard / validated method)</b>
1	2	3	4
		27. Size (mass portion above specified sieve)	ISO 4150
XXVII.	Waste gases from stationary emission sources	1. Polychlorinated dibenzodioxins and dibenzofurans	VLM 34:2007 БДС EN 1948-2 БДС EN 1948-3
		2. Fluid stream parameters (pressure, velocity, flow rate)	ISO 10780 БДС EN ISO 16911-1
		3. Water vapor (moisture)	БДС EN 14790 VLM 71-3:2020
		4. Dust, temperature	БДС ISO 9096 ISO 12141 БДС EN 13284-1
		5. Oxygen	ISO 12039 VLM 71-1:2020 VLM 71-2:2020 БДС EN 14789
		6. Sulphur dioxide	ISO 7935 VLM 71-1:2020 VLM 71-2:2020 БДС EN 14791
		7. Nitrogen oxides (nitrogen oxide, nitrogen dioxide) - NOx	ISO 10849 VLM 71-1:2020 VLM 71-2:2020 БДС EN 14792
		8. Total hydrocarbons - CxHy	VLM 71-1:2020
		9. Hydrogen sulphide	VLM 71-1:2020
		10. Volatile organic compounds – total organic carbon	БДС EN 12619
		11. Volatile organic compounds – individual organic compounds	СД CEN/TS 13649
		12. Gaseous fluorine expressed as hydrogen fluoride	БДС 17.2.4.12 ISO 15713
		13. Hydrogen chloride	БДС EN 1911
		15. Polycyclic aromatic hydrocarbons	ISO 11338-2
		16. Metals Antimony(1), Arsenic(1), Vanadium(1), Mercury(2), (3), Cadmium(1), Tin(2), Cobalt(1), Manganese(1), Copper(1), Nickel(1), Lead(1), Selenium(2), Thallium(1), Chromium(1), Zinc(2)	БДС EN 14385(1) VLM 75:2009(2) БДС EN 13211(3) БДС EN ISO 12846(3)
		17. Polychlorinated biphenyls	БДС EN 1948-4+A1
		18. Methane	VLM 71-1 :2020
		19. Hydrogen	VLM 71-1:2020
		20. Ammonia	БДС 17.2.4.05 VLM 71-1:2020
		21. PM 10 and PM 2,5 (PM10/PM2.5)	EPA 201 A ISO 25597
		22. Carbon dioxide	ISO 12039 VLM 71-1:2020 VLM 71-2:2020
		23. Carbon oxide	ISO 12039 VLM 71-1:2020 VLM 71-2:2020 БДС EN 15058

**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
XXVIII.	Textile fibers, fabrics and textile products (a), leather and leather products (b), applications on textiles, products of polymeric materials (c)	1. Free and hydrolysed formaldehyde	БДС EN ISO 14184-1 (a)
		Formaldehyde	БДС EN ISO 17226-2 (b)
		2. pH of water extract	БДС EN ISO 3071 (a), БДС EN ISO 4045 (b)
		3. Colour fastness (change in colour)	БДС EN ISO 105-C06 (a) БДС EN ISO 105-D01 (a) БДС EN ISO 105-E01 (a) БДС EN ISO 105-E04 (a) БДС EN ISO 105-X12 (a) БДС EN ISO 105-X18 (a) БДС EN ISO 105-E02 (a) БДС EN ISO 105-E03 (a) БДС EN ISO 105-C08 (a)
		4. Mass per unit area (for textile)	БДС EN 12127 (a)
		5. Dimensional change in washing and drying – shrinkage (for textile)	БДС EN ISO 6330 (a) БДС EN ISO 5077 (a)
		6. Surface fuzzing and pilling (for textile)	БДС EN ISO 12945-2 (a) ISO 12945-4(a)
		7. Metals: extractable arsenic, lead, cadmium, cobalt, nickel, chromium, copper, mercury, antimony	VLM 141:2015 (a, c)
		Nickel release	БДС EN 1811 (c)
		Cadmium	БДС EN 1122 (c)
		8. Dimethyl fumarate	VLM 142:2015 (a)
		9. Azo colorants	БДС EN ISO 14362-1 (ISO 14362-1) (a), БДС EN ISO 17234-1 (b)
		10. Phthalates	БДС EN ISO 14389 (a, c), VLM 143:2015 (c) VLM 144:2015 (c)
		11. Spirality after laundering and drying	ISO 16322-2 (a) ISO 16322-3 (a)
		12. Chromium (VI) in leather	БДС EN ISO 17075-1 (b)
		13. Disperse/cancerogenic dyestuffs	DIN 54231 (a)
		14. Pesticides**	VLM 136:2015 (a)
15. Antibacterial activity	БДС EN ISO 20645 (a)		
16. Genetically modified organisms	IWA 32 (a)		
17. Fiber composition	Regulation (EC) 1007/2011		

**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
XXIX.	Plastic products	1. Cadmium 2. Phthalates	VLM 217:2023 БДC EN 1122 VLM 143:2015 VLM 144:2015
XXX.	Industrial crops (fibre crops – seed and fibres; tobacco, hop, sugar beet, red beet, aromatic plants, medical plants and others)	1. Genetically modified organisms **  2. Pesticides** Dithiocarbamate Highly polar pesticides Biocides, quaternary ammonium compounds 3. Polychlorinated dibenzodioxins and dibenzofurans 4. Polychlorinated, biphenyls 5. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc 6. Fatty acids composition 7. Pathogens 8. Colour additives – Annatto (Bixin, Norbixin) 9. Volatile oil 10. Polybrominated Diphenyl Ethers 11. Polyaromatic hydrocarbons 12. Water activity 13. Enterobacteriaceae 14. Yeasts and moulds 15. Coliforms 16. Coagulase-positive staphylococcus (incl. Staphylococcus aureus) 17. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens 18. Presumptive E. coli β-glucuronidase-positive E. coli	БДC EN ISO 21569+A1 (ISO 21569+A1) БДC EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013 IWA 32 БДC EN 15662 VLM 146:2015 VLM 101:2012 VLM 102:2012 VLM 81:2019 EPA 1613B БДC EN 16215 VLM 133:2013 EPA 1668C БДC EN 16215 VLM 133:2013 VLM 40:2009 VLM 171:2020 VLM 91:2015 VLM 149:2016 ISO 6571 EPA 1614A VLM 76:2009 VLM 167:2020 БДC EN ISO 21528-1 (ISO 21528-1) БДC EN ISO 21528-2 (ISO 21528-2) БДC ISO 21527-2 (ISO 21527-2) ISO 4831 ISO 4832 БДC EN ISO 6888-1 (ISO 6888-1) БДC EN ISO 15213-2 (ISO 15213-2) ISO 7251 БДC ISO 16649-2

<b>Type of the scope: flexible for part of the scope</b>			
<b>№</b>	<b>Tested Products</b>	<b>Type of Test/Characteristic</b>	<b>Testing methods (standard / validated method)</b>
1	2	3	4
			(ISO 16649-2)
		19. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		20. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		21. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		22. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1)
		23. Shigella spp.	БДС EN ISO 21567 (ISO 21567)
		24. Enterococcus spp.	VLM 85:2015
		25. Cronobacter spp.	БДС EN ISO 22964 (ISO 22964)
		26. Vibrio parahaemolyticus, Vibrio cholerae, Vibrio vulnificus	БДС EN ISO 21872-1 (ISO 21872-1)
		27. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		28. Tropane alkaloids	VLM 36:2020
		29. Pyrrolizidine alkaloids	VLM 50:2019
		30. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
XXXI.	Products intended for direct and continuous contact with human skin	1. Nickel release	БДС EN 1811
		2. Phthalates	VLM 143:2015 VLM 144:2015
XXXII.	Drying agents	1. Dimethyl fumarate	VLM 142:2015
XXXIII.	Consumer goods (materials and items in contact with food)	1. Overall migration	БДС EN 1186-2 БДС EN 1186-3 БДС EN 1186-13
		2. Specific migration:	
		2.1. Chemical elements:	
		in paper and cardboard: cadmium, lead	БДС EN 12498
		in paper and cardboard: mercury	VLM 114:2010
		in toys: antimony, arsenic, barium, cadmium, chromium, lead, mercury, selenium	ISO 8124-3+A1
		in glass and ceramics: cadmium, lead	VLM 198:2022
		2.2. Formaldehyde and hexamethylenetetramine in plastics	СД CEN/TS 13130-23
		2.3. Phthalates in plastics	VLM 144:2015
		2.4. Formaldehyde in plastics/melamine-formaldehyde products	БДС EN ISO 4614
		2.5. Melamine in plastics/melamine formaldehyde products	VLM 118:2011
		2.6. Primary amines in plastic products	VLM 104:2010
		2.7. Bisphenol A in plastic products	СД CEN/TS 13130-13
		2.8. Terephthalic acid in plastic products	БДС EN 13130-2
		Pentachlorophenol in paper and cardboard	БДС EN ISO 15320
		Formaldehyde in paper and cardboard	БДС EN 1541
XXXIV.		1. Enterobacteriaceae	БДС EN ISO 21528-1

**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
	Cocoa semi-finished products and cocoa products		(ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		2. Yeasts and moulds	БДС ISO 21527-2 (ISO 21527-2)
		3. Coliforms	ISO 4831 ISO 4832
		4. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)
		5. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		6. Presumptive E. coli	ISO 7251
		β-glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		7. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		8. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		9. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		10. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		11. Pesticides**	БДС EN 15662 VLM 146:2015
		12. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		13. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		14. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
	15. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol	VLM 92:2010	

**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-acetyldeoxynivalenol 15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1 Fumonisin B2 Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3)	
		16. Genetically modified organisms **	БДС EN ISO 21569+A1 (ISO 21569+A1) БДС EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		17. Protein crude protein milk protein/casein and albumin	AOAC 939.02 VLM 162:2020
		Nitrogen	БДС ISO 1871 (ISO 1871)
		18. Moisture	БДС 8273
		Moisture, dry matter	БДС 5313
		19. Oil content	БДС 8273 БДС 5439
		Fats	AOAC 963.15
		20. Acidity	БДС 5879
		21. Total ash	БДС 8273 БДС 5313
		22. Ash insoluble in 10% hydrochloric acid	БДС 8273 БДС 5313
		23. Ash alkalinity	БДС 8273
		Alkalinity of ash, soluble and non-soluble in water	БДС 5313
		24. Total sugars, invert sugar	БДС 8273
		Sugar (reducing and invert sugar)	БДС 5439
		25. Cellulose	БДС 8273
		26. Sulfites, sulfur dioxide	AOAC 990.28
		Total sulphur dioxide	VLM 174:2020
		27. Energy and calorific value	VLM 77:2009
		28. Carbohydrates	VLM 106:2012
		29. Total dietary fibres	AOAC 985.29
		30. Fatty acids composition	VLM 171:2020
		31. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		32. Polyaromatic hydrocarbons	VLM 76:2009
		33. Chlorides, sodium chloride (table salt)	VLM 161:2020
		34. Water activity	ISO 18787
XXXV.	Soy products	1. Melamine, cyanuric acid	VLM 70:2009

**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
			БДC EN 16858
		2. Genetically modified organisms **	БДC EN ISO 21569+A1 (ISO 21569+A1) БДC EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		3. Identity of ingredients	VLM 95:2013
		4. Water activity	ISO 18787
		5. Moisture	VLM 158:2020
		6. Crude fibre	БДC ISO 5498
		7. Nitrogen	БДC ISO 1871 (ISO 1871)
		8. Ash	БДC EN ISO 2171 (ISO 2171)
		9. Oil content	VLM 159:2020
		10. Pesticides**	БДC EN 15662 VLM 146:2015
		Dithiocarbamates	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		11. Polychlorinated dibenzodioxins and dibenzofurans	EPA 1613B VLM 133:2013
		12. Polychlorinated biphenyls	EPA 1668C VLM 133:2013
		13. Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		14. Mycotoxins Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2, Aflatoxins (B1+B2+G1+G2) Ochratoxin A T-2 toxin HT-2 toxin Deoxynivalenol Diacetoxyscirpenol Nivalenol 3-acetyldeoxynivalenol 15-acetyldeoxynivalenol Deoxynivalenol-3- glucoside Fusarenon X Zearalenon Fumonisin Fumonisin B1 Fumonisin B2 Fumonisin B3 Fumonisin (B1+B2) Fumonisin (B1+B2+B3)	VLM 16:2005 VLM 92:2010
		15. Enterobacteriaceae	БДC EN ISO 21528-1

**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
			(ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		16. Yeasts and moulds	БДС ISO 21527-1 (ISO 21527-1) БДС ISO 21527-2 (ISO 21527-2)
		17. Coliforms	ISO 4831 ISO 4832
		18. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)
		19. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		20. Presumptive E. coli $\beta$ -glucuronidase-positive E. coli	ISO 7251 БДС ISO 16649-2 (ISO 16649-2)
		21. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3
		22. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		23. Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		24. Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1)
		25. Polyaromatic hydrocarbons	VLM 76:2009
		26. Energy and calorific value	VLM 77:2009
		27. Dietary Fibres, total, soluble, and insoluble	AOAC 991.43
		Total dietary fibres	AOAC 985.29
		28. Allergens Peanut allergens Milk allergens Egg allergens Gluten / Gliadin	VLM 110: 2022
		29. Sulfites, sulfur dioxide	AOAC 990.28
		Total sulphur dioxide	VLM 174:2020
		30. Carbohydrates	VLM 106:2012
		31. Identity of ingredients	VLM 95:2013
		32. Fatty acids composition	VLM 171:2020
		33. Fat content and fatty acids: Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013
		34. Chlorides, sodium chloride (table salt)	VLM 161:2020
		35. Sugar	БДС 7169
		35. Acrylamide	БДС EN 16618
		36. Perfluoroalkyl substances (PFAS)	VLM 35:2019

<b>Type of the scope: flexible for part of the scope</b>			
<b>№</b>	<b>Tested Products</b>	<b>Type of Test/Characteristic</b>	<b>Testing methods (standard / validated method)</b>
1	2	3	4
		37. Pyrrolizidine alkaloids	VLM 50:2019
		38. Furans	VLM 72:2019
		39. Quinolizidine alkaloids, lupin alkaloids	VLM 43:2019
XXXVI.	Noise	1. Equivalent sound pressure level	БДС ISO 8297 (ISO 8297)
		2. Average sound pressure level over the measurement contour	VLM 126:2015
		3. Sound power level	
		4. Sound pressure at the point of impact	VLM 126:2015
		5. Sound protection zone radius	
XXXVII.	Beverages	1. Sweeteners: acesulfame-K, aspartame, saccharin cyclamate	БДС EN 12856 БДС EN 12857
		2. Caffeine and theobromine	VLM 139:2015
		3. Preservatives: sorbic acid (sorbate) benzoic acid (benzoate) ethyl para-hydroxybenzoate methyl para-hydroxybenzoate	VLM 137:2014
		4. Colour additives: Tartrazine quinoline yellow sunset yellow azorubine ponceau 4R allura red AC brilliant blue indigo carmine	VLM 134:2014
		Colour additives - Annatto (Bixin, Norbixin)	VLM 149:2016
		5. Enterobacteriaceae	БДС EN ISO 21528-1 (ISO 21528-1) БДС EN ISO 21528-2 (ISO 21528-2)
		6. Yeasts and moulds	БДС ISO 21527-1 (ISO 21527-1)
		7. Coliforms	ISO 4831 ISO 4832
		8. Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДС EN ISO 6888-1 (ISO 6888-1)
		9. Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДС EN ISO 15213-2 (ISO 15213-2)
		10. Presumptive E. coli	ISO 7251
		$\beta$ -glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
11. Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1) ISO/TR 6579-3		
12. Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)		

**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
		13. Presumptive <i>Bacillus cereus</i>	БДС EN ISO 7932 (ISO 7932)
		14. <i>Listeria</i> spp. и <i>Listeria monocytogenes</i>	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		15. Dry matter	БДС 3485
		16. Sugars	БДС 3485
		17. Acidity	БДС 3485
		18. pH	БДС EN 1132
		19. Water activity	ISO 18787
		20. Essential oils	AOAC 955.27
		21. Perfluoroalkyl substances (PFAS)	VLM 35:2019
		22. Vitamines  Water-soluble vitamins: Ascorbic acid (Vitamin C); Thiamin (Vitamin B1) Riboflavin (Vitamin B2) Pyridoxine (Vitamin B6) Folate, folic acid (Vitamin B9) Niacin=nicotinic acid; Nicotinic acid, niacin, Niacinamide, nicotineamide (Vitamin B3), Biotin (Vitamin B7) Calcium pantothenate, pantothenic acid (Vitamin B5) Cianocobalamine (Vitamin B12)  Fat-soluble vitamins: Vitamin A Retinol (Vitamin A alcohol); Retinoic acid (Vitamin A acid); 9-cis-Retinal (Vitamin A aldehyde); Tretionin Vitamin E: Tocopherol (α; β; γ; Δ); Tocopherol (α);	VLM 80:2019
XXXVIII	Essential oils	1. Water content	БДС 9200
		2. Acid value	БДС ISO 1242 (ISO 1242)
		3. Peroxide value	БДС ISO 18321 (ISO 18321)
		4. Refractive index	БДС ISO 280 (ISO 280)
		5. Relative density	БДС ISO 279 (ISO 279)
		6. Flashpoint	ISO TR 11018
		7. Evaluation of residue on evaporation	БДС ISO 4715 (ISO 4715)
		8. Ester value	БДС ISO 709 (ISO 709)
		9. Solubility in ethanol	БДС ISO 875 (ISO 875)
		Solubility in other organic solvent	БДС 9200
		10. Chromatographic profiles	БДС ISO 7609 (ISO 7609) БДС ISO 11024-1 (ISO 11024-1)

**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
			БДС ISO 11024-2 (ISO 11024-2)
		11. Freezing point	БДС ISO 1041 (ISO 1041)
		12. Optical rotation	БДС ISO 592 (ISO 592)
		13. Aerobic mesophilic bacteria	БДС EN ISO 21149 (ISO 21149)
		14. E. coli	БДС EN ISO 21150 (ISO 21150)
		15. Pseudomonas aeruginosa	БДС EN ISO 22717 (ISO 22717)
		16. Staphylococcus aureus	БДС EN ISO 22718 (ISO 22718)
		17. Candida albicans	БДС EN ISO 18416 (ISO 18416)
		18. Yeast and mould	БДС EN ISO 16212 (ISO 16212)
		20. Aerobic mesophilic bacteria (bacteria, yeast and moulds)	БДС EN ISO 21149 (ISO 21149) БДС EN ISO 16212 (ISO 16212)
		21. Appearance, color, odor	БДС 9200
		Appearance, color, homogeneity, aroma	БДС 3741
		22. Chemical elements, heavy metals arsenic, lead, cadmium, mercury, chromium, cobalt, nickel)	СД ISO/TR 17276 (ISO/TR 17276)
		23. Essential oils	AOAC 942.08
		24. Pesticides**	VLM 73:2019
XXXIX a.	Cosmetic products (including personal care products) (a), including but not limited to: - shampoos (b); - hair products (c); - aromatic products (d); - cosmetic creams, incl. shaving cream and toilet milks (e); - toothpaste and oral hygiene products, incl. toothpaste (f); - aqueous solution containing surfactants (g); - soaps (h); - shaving cream (i); - toothpaste (j)	1. Aerobic mesophilic bacteria 2. E. coli 3. Pseudomonas aeruginosa 4. Staphylococcus aureus 5. Candida albicans 6. Yeasts and moulds 7. Total count of aerobic mesophilic microorganisms (bacteria, moulds and yeasts) 8. Specified and non-specified microorganisms 9. Preservation efficacy of cosmetic products. Antimicrobial protection of cosmetic product. Preservation efficacy. 10. Water activity 11. Free ammonia Total compounded ammonia 12. Hydrogen peroxide 13. Appearance, color, odor	БДС EN ISO 21149 (ISO 21149) (a) БДС EN ISO 21150 (ISO 21150) (a) БДС EN ISO 22717 (ISO 22717) (a) БДС EN ISO 22718 (ISO 22718) (a) БДС EN ISO 18416 (ISO 18416) (a) БДС EN ISO 16212 (ISO 16212) (a) БДС EN ISO 21149 (ISO 21149) (a) БДС EN ISO 16212 (ISO 16212) (a) ISO 18415 (a) БДС EN ISO 11930 (a) (ISO 11930) (a) VLM 152:2019 (a) БДС 10751 (b) 82/434/CEE, 1, B (c) БДС 9200 (d, k) БДС 10751 (b)

**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
		Appearance, color, homogeneity, aroma	БДС 3741 (e)
		14. Chemical elements, heavy metals arsenic, lead, cadmium, mercury, chromium, cobalt, nickel	СД ISO/TR 17276 (a)
		15. Fluorides	БДС EN ISO 11609 (ISO 11609) (f)
		16. pH	БДС 3741 (e) БДС 10751 (b) БДС EN ISO 11609 (ISO 11609) (f) БДС EN ISO 16408 (ISO 16408) (f) БДС ISO 4316 (ISO 4316) (g)
		17. Moisture and volatile matter content	БДС ISO 672 (ISO 672) (h)
		Volatile matter	БДС 3741 (e)
		Water content	БДС 9200 (d) БДС 3741 (e)
		Moisture	БДС 4412*** (i)
		18. Emulsion type	БДС 3741 (e)
		19. Emulsion stability	БДС 3741 (e)
		20. Thermal stability	БДС 3741 (e)
		21. Essential oils	BS-I-03 Part 1 (j)
		22. Plastics and microplastics	BS-II-02 (k)
			VLM 214:2023 (a)
XXXIX b.	Detergents, surfactants and preparations (a), including but not limited to: -shampoos (b); -toothpaste (c) -washing and cleaning preparations (d) - synthetic detergents (e), incl. washing powder (f), -soaps (g), -cosmetics for personal hygiene (h)	1. Total content of surfactants	БДС 10751 (b) БДС 9025 (d, e)
		2. Anionic surfactant content	БДС 10751 (b) ISO 2271 (d, e)
		3. Cationic surfactant content	БДС EN ISO 2871-1 (ISO 2871-1) (a) БДС EN ISO 2871-2 (ISO 2871-2) (a)
		4. Alkalinity	БДС ISO 4315 (ISO 4315) (a)
		5. Free alkalinity or free acidity	БДС ISO 4314 (ISO 4314) (a)
		6. Alkylphenol ethoxylates	ISO 21264 (a)
		7. Foaming power	ISO 696 (a) BS-I-03. Part 1 (c)
		8. Total silicon dioxide	ISO 8215 (f)
		Silicates	БДС 8857 (e)
		9. Inorganic sulfates	ISO 8214 (f)
		Mineral sulfates	ISO 6844 (a)
		10. Total phosphorus (V) oxide content	БДС ISO 4313 (ISO 4313) (f)
		11. Ethanol-insoluble matter	ISO 673 (g)
		12. Total active matter content	ISO 6842 (a)
		13. Active oxygen	БДС ISO 4321 (ISO 4321) (f)
14. Free alkali	БДС ISO 456 (ISO 456) (g) ISO 684 (g)		
15. Chlorides	БДС ISO 4323		

**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
			(ISO 4323) (g)
		16. Carbonates	БДC 8860 (e)
		17. Water content	БДC ISO 4318 (ISO 4318) (a)
		Moisture and volatile matter content	БДC ISO 672 (ISO 672) (g)
		18. Glycerol	БДC ISO 1066 (ISO 1066) (g)
		19. Appearance, colour, odour	БДC 10751 (b)
		20. Chemical elements, heavy metals: arsenic, lead, cadmium, mercury, chromium, cobalt, nickel	СД ISO/TR 17276 (h)
		21. pH	БДC ISO 4316 (ISO 4316) (a)
		22. Allergens	VLM 68:2019 (a)
		23. Plastics and microplastics	VLM 214:2023 (a)
XL.	Sugar	1. Polarisation	ICUMSA GS2/3-1 (GS2-1)
		2. Reducing sugars	ICUMSA GS2/3/9-5 (GS2-5)
		Reducing sugars Invert sugar	ICUMSA GS2/9-6 (GS2-6)
		3. Colour	ICUMSA GS2/3-9 (GS2-9) ICUMSA GS2/3-10 (GS2-10)
		4. Moisture (Loss on drying)	ICUMSA GS2/1/3/9-15 (GS2-15)
		5. Turbidity	ICUMSA GS2/3-18 (GS2-18)
		6. Insoluble Matter	ICUMSA GS2/3/9-19 (GS2-19)
		7. Sulphite	ICUMSA GS2/3-35 (GS2-35)
		8. Sulphite	ICUMSA GS2/1/7/9-33 (GS2-33)
		9. Formaldehyde	ICUMSA GS2-36
		10. Particle size distribution, particle size	ICUMSA GS2/9-37 (GS2-37)
		11. Conductivity ash	ICUMSA GS2/3/9-17 (GS2-17)
		12. Floc Test	ICUMSA GS2/3-40 ICUMSA GS2/3-44
		13. Specified Heavy Metals	ICUMSA GS2-51
		14. Genetically modified organisms **	БДC EN ISO 21569+A1 (ISO 21569+A1) БДC EN ISO 21570+A1 (ISO 21570+A1) VLM 99:2013
		15. Total mesophilic bacterial count	ICUMSA GS2/3-41 (GS2-41)
		16. Slime-forming bacterial count	ICUMSA GS2/3-45 (GS2-45)
		17. Yeasts and moulds	ICUMSA GS2/3-47 (GS2-47)

**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
		Osmotolerant yeasts and xerotolerant moulds	ICUMSA GS2/3-53 (GS2-53)
		18. Thermophilic spore-forming Bacteria	ICUMSA GS2/3-49 (GS2-49)
		19. Thermophilic Acidophilic Bacteria (TAB) and Guaiacol Producing TAB (GP-TAB)	ICUMSA GS2/3-50 (GS2-50)
		20. $\beta$ -Galactosidase-positive coliform Bacteria and $\beta$ -Glucuronidase-positive Escherichia coli	ICUMSA GS2/3-52 (GS2-52)
		21. Braunschweig colour	ICUMSA GS2-13
XLI.	Emissions from stationary sources - parallel measurements to ensure the quality of Automated Measurement Systems for continuous emission measurements	Quality Assurance - Level 2 (QAL2) of Automated Measurement Systems (AMS) and Annual Surveillance Test (AST) of (AMS)	БДC EN 14181, according to the requirements of SD CEN / TS 15675 and БДC EN 15259, for applicable characteristics to XXVII: (БДC EN ISO 16911-1; БДC EN 14790; БДC EN 13284-1; БДC EN 14789; БДC EN 14791; БДC EN 14792; БДC EN 12619; БДC EN 1911; БДC EN 15058)
XLII.	Biological tissues and products thereof (food, feed and materials for production of food and feed; cereals, pulses, oilseeds and milling products; plant mass, incl. seeds; plant, animal and microbial material and preparations)	Activity concentration of natural and technogenic radionuclides measured by gamma-spectrometry	VLM 209:2023
		2 Gross activity of alpha-emitting radionuclides; Gross alpha-activity	VLM 210:2023
		3 Gross activity of beta-emitting radionuclides; Gross beta-activity	VLM 210:2023
		4. Strontium-90 activity concentration	VLM 212:2023
		5. Plastics and microplastics	VLM 214:2023
XLIII.	Ready-to-eat and semi-prepared food, sauces	Enterobacteriaceae	БДC EN ISO 21528-1 (ISO 21528-1) БДC EN ISO 21528-2 (ISO 21528-2)
		Yeasts and moulds	БДC ISO 21527-1 (ISO 21527-1) БДC ISO 21527-2 (21527-2)
		Coliforms	ISO 4831 ISO 4832
		Coagulase-positive staphylococcus (incl. Staphylococcus aureus)	БДC EN ISO 6888-1 (ISO 6888-1) БДC EN ISO 6888-3 (ISO 6888-3)
		Clostridium perfringens Spores of C. perfringens, Human pathogenic C. perfringens	БДC EN ISO 15213-2 (ISO 15213-2)

**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
		Presumptive E. coli	ISO 7251
		β-glucuronidase-positive E. coli	БДС ISO 16649-2 (ISO 16649-2)
		Salmonella spp.	БДС EN ISO 6579-1 (ISO 6579-1)
		Total viable count	БДС EN ISO 4833-1 (ISO 4833-1) БДС EN ISO 4833-2 (ISO 4833-2)
		Presumptive Bacillus cereus	БДС EN ISO 7932 (ISO 7932)
		Listeria spp. и Listeria monocytogenes	БДС EN ISO 11290-1 (ISO 11290-1) БДС EN ISO 11290-2 (ISO 11290-2)
		Pseudomonas spp.	VLM 170:2020
		Mesophilic lactic acid bacteria	БДС ISO 15214 (ISO 15214)
		Moisture	VLM 158:2020
		Fat	VLM 159:2020
		Protein / Nitrogen content	VLM 162:2020
		Sugars	VLM 163:2020
		Total ash	VLM 160:2020
		Chlorides, sodium chloride (table salt)	VLM 161:2020
		Carbohydrates	VLM 106:2012
		Energy and calorific value	VLM 77:2009
		pH	VLM 178:2021
		Total dietary fibres	AOAC 985.29
		Metals and non-metals Aluminium, Antimony, Arsen, Barium, Beryllium, Bismuth, Boron, Vanadium, Iron, Mercury, Cadmium, Tin, Potassium, Calcium, Cobalt, Lithium, Magnesium, Manganese, Copper, Molybdenum, Sodium, Nickel, Lead, Selenium, Silicon, Silver, Sulphur, Titanium, Phosphorus, Chromium, Zinc	VLM 40:2009
		Pesticides**	VLM 146:2015
		Dithiocarbamate	VLM 101:2012
		Highly polar pesticides	VLM 102:2012
		Biocides, quaternary ammonium compounds	VLM 81:2019
		Veterinary drug residues: Veterinary drugs with anabolic effect (steroids, β-agonists) Veterinary drugs with drug-induced effect (sulfonamides, anticoccidial drugs, quinolones, fluoroquinolones, streptomycin, chloramphenicol, nonsteroidal anti-inflammatory drug, tetracycline, nitrofurans)	VLM 98:2010 VLM 100:2010
		Individual and total sterols	VLM 13:2023
		Polychlorinated dibenzodioxins and dibenzofurans	VLM 133:2013
		Fatty acids composition	VLM 171:2020

<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>
1	2	3	4
		Fat content and fatty acids Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fatty acids; Saturated, monounsaturated, polyunsaturated, omega 3, omega 6, omega 9 and trans fats	VLM 132:2013

<b>Type of the scope:</b> <i>flexible</i>		
<b>№</b>	<b>Product</b>	<b>Sampling methods (standardized / validated)</b>
1	2	3
1.	Waste gases from stationary emission sources	БДС EN 1911 ISO 15713 СД CEN/TS 13649 БДС ISO 9096 БДС EN 14790 ISO 11338-1 БДС EN 1948-1 ISO 12141 БДС EN 1948-4+A1 БДС EN 14385 EPA 201 A БДС 17.2.4.05 БДС EN 13284-1 БДС EN 14791 ISO 25597 БДС EN 13211
2.	Food. Meat and meat products	БДС ISO 3100-1 ***
3.	Food. Milk and dairy products	БДС EN ISO 707 (ISO 707)
4.	Food. Fruit, vegetables and products thereof	Regulation № 2 27.03.2024 MAF
5.	Hygiene of the working environment. Washouts and swabs from working surfaces, vessels and inventory	ISO 18593
6.	Surface water	БДС ISO 5667-4 БДС ISO 5667-6
	Drinking water	ISO 5667-5 БДС ISO 5667-21
	Sea water	БДС ISO 5667-9
	Waste water	БДС ISO 5667-10
	Ground water	БДС ISO 5667 -11 p. 5.3.2.7.
7.	Sludges	БДС EN ISO 5667-13
8.	Sediments	БДС ISO 5667-12 БДС ISO 5667-17 БДС EN ISO 5667-19
9.	Soils and compost	БДС ISO 18400-102 БДС EN 12579
10.	Waste	СД CEN/TR 15310-1 СД CEN/TR 15310-2
11.	Air	NIOSH 7400

**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 CAB.*

\*\* The laboratory is authorized, within its competence, to determine all characteristics (column 3), pertaining to the group of products (column 4), after verification/validation performed, Certified Comparison Materials/Comparison Materials (CCM/CM) and calibrated technical means provided. The laboratory maintains a detailed, dated list of the products and characteristics pertaining to the products referenced in the scope of accreditation.

\*\*\* A standard method cancelled without replacement

**Fixed scope – references:**

- VLM 03:2003 – Cereals. Determination of Color and Odor.
- VLM 13:2023 – Food and feed. Individual and total sterols.
- VLM 14:2020 – Food and feed. Total organic carbon.
- VLM 15:2004 – Maize. Mass per hectoliter.
- VLM 16:2005 – Immunological Methods of Analysis of Mycotoxins.
- VLM 17:2010 – Titre Test for E. coli in Sludge, Soils and Soil Fertilizers.
- VLM 18:2010 – Titre Test for Clostridium Perfringens in Sludge, Soils and Soil Fertilizers.
- VLM 19:2010 – Detection and Proving of Salmonella Spp. in Sludge, Soils and Soil Fertilizers.
- VLM 22:2007 – Ultrasonic Method of Analysis of Milk.
- VLM 24:2007 – Determination of Humus in Soils.
- VLM 25:2011 – Waters. Determination of Pesticide Residuals – Chromatographic Method after Liquid-Liquid Extraction.
- VLM 26:2007 – Soil and Sludge Quality – Determination of Pesticides and Polychlorinated Biphenyls - Chromatographic Method Using Mass Spectrometry Detector.
- VLM 28:2007 – Fat-containing Foods. Determination of the Content of Pesticides and Polychlorinated Biphenyls.
- VLM 34:2007 – Stationary Sources of Emissions. Determination of the Mass Concentration of Polychlorinated Dibenzodioxins / Polychlorinated Dibenzofurans.
- VLM 35:2019 – Food, Fodder and Products for their Production. Determination of the Content of Perfluoroalkyl Substances.
- VLM 36:2020 – Food, Fodder and Products for their Production. Determination of the Content of Tropane Alkaloids.
- VLM 38:2007 – Determination of Elemental Composition of Soils and Sludges.
- VLM 40:2009 – Food, Animal Food and Products for their Production. Determination of the Content of Chemical elements.
- VLM 41:2007 – Determination of Chlorides Content in Soils and Sediments.
- VLM 43:2019 – Food, Fodder and Products for their Production. Determination of the Content of Quinolizidine Alkaloids; Lupinus Alkaloids.
- VLM 44:2008 – Determination of Nitrites in Soils and Sediments.
- VLM 45:2008 - Determination of Nitrates in Soils and Sediments.
- VLM 46:2008 – Determination of Ammonium in Soils and Sediments.
- VLM 47:2008 - Determination of Available Phosphates in Soils and Sediments.
- VLM 48:2008 - Mineral Oil Content in Vegetable Oils.
- VLM 49:2008 – Determination of Carbonates and Hydrogencarbonates in Soils and Sediments.
- VLM 50:2019 – Food, Fodder and Products for their Production. Determination of the Content of Pyrrolizidine Alkaloids.
- VLM 52:2009 – Photometric Method of Determination of the Content of Ammonium Ions in Water.
- VLM 53:2009 - Photometric Method of Determination of the Content of Nitrates in Water.
- VLM 54:2009 - Photometric Method of Determination of Nitrites Content in Waters
- VLM 55:2009 - Photometric Method of Determination of the Content of Total Nitrogen in Water
- VLM 56:2009 - Photometric Method of Determination of the Content of Total Phosphorus in Water
- VLM 57:2009 - Photometric Method of Determination of the Content of Phosphates in Water
- VLM 58:2009 - Photometric Method of Determination of Total Hardness in Water
- VLM 59:2009 - Photometric Method of Determination of Total and Soluble Organic Carbon in Water

VLM 60:2009 - Photometric Method of Determination of Total and Free Chlorine in Water

VLM 61:2009 - Photometric Method of Determination of Sulphates in Water

VLM 62:2012 - Photometric Method of Determination of Sulfides and Hydrogen Sulphide in Water

VLM 63:2009 - Photometric Method of Determination of Phenol in Water

VLM 64:2009 - Photometric Method of Determination of Cyanides in Water

VLM 65:2009 - Photometric Method of Determination of COD in Water

VLM 66:2009 - Photometric Method of Determination of BOD in Water

VLM 67:2009 - Photometric Method of Determination of Fluorides in Water

VLM 68:2019 - Cosmetics, detergents. Content of allergens

VLM 69:2009 - Determination of Total Soluble Nitrogen and Kjeldahl Nitrogen in Soils and Sediments

VLM 70:2009 - Detection and Quantification of Melamine and Cyanuric Acid in Foods and Fodders

VLM 71-1:2020 - Methodology for Determination of Characteristics of Gas Flows with Automatic Measuring Equipment. Electrochemistry and IR

VLM 71-2:2020 - Methodology for Determination of Characteristics of Gas Flows with Automatic Measuring Equipment. Paramagnetism, Hemiluminescence, NDIR

VLM 71-3:2020 - Methodology for Determination of Concentration of Water Vapors in Gas Glows of Waste Gases from Stationary Sources of Emissions with Automatic Measuring Equipment

VLM 72:2019 - Food, Fodder and Products for their Production. Determination of the Content of Furans

VLM 73:2019 - Essential Oils and Volatile Compounds. Determination of the Content of Pesticides.

VLM 74:2009 - Content of Nitrogen-Containing Pesticides, Pyrethroids and Carbamates in Soils, Sediments, Sludge / Waste

VLM 75:2009 - Content of Metals in Stationary Sources of Emissions (Mercury, Tin, Selenium, Zinc)

VLM 76:2009 - Content of Polyaromatic Hydrocarbons in Foods

VLM 77:2009 - Determination of Energy Value, Calorific Value in Food Products

VLM 78:2009 - Content of Glucosinolates in Colza - Spectrophotometric Method

VLM 79:2012 - Vegetable Products. Content of Nitrites and Nitrates.

VLM 80:2019 - Food, Fodder and Products for their Production. Determination of the Content of Vitamins

VLM 81:2019 - Food, Fodder and Products for their Production. Determination of the Content of Quaternary Ammonium Compounds

VLM 82:2020 - Determination of Selected Priority Substances in Water.

VLM 83:2020 - Determination of Haloacetic Acids in Water

VLM 84:2012 - Photometric Determination of Turbidity

VLM 85:2015 - Detection and Count of Enterococcus spp. in Foods and Fodders

VLM 88:2010 - Waters. Content of Organic Nitrogen. Calculation Method Based on Predetermined Content of Total and Non-Organic Nitrogen

VLM 89:2012 - Photometric Method for Determination of Bromates in Water.

VLM 91:2015 - Pathogens in Soils and Biological Tissues

VLM 92:2010 - Foods and Fodders. Content of Mycotoxins - Determination by High-Performance Liquid Chromatography

VLM 93:2010 - Volatile Organic Compounds in Various Matrices Using Equilibrium Headspace Analysis

VLM 94:2012 - Water. Content of Chloroform-Extractable Substances

VLM 95:2013 - Foods and Fodders. Identity of Ingredients

VLM 98:2010 - Foods and Fodders. Veterinary Drug Residues. Content of Anabolic Action Substances.

VLM 99:2013 - Foods and Fodders. GMO Content. PCR Analysis in Real Time.

VLM 100:2010 - Foods and Fodders. Residues of Veterinary Drugs with Drug-Induced Effect.

VLM 101:2012 - Content of Dithiocarbamate Residues in Farming Products and Food of Vegetable Origin.

VLM 102:2012 – Content of Highly Polar Pesticides in Farming Products and Food of Vegetable Origin.

VLM 103:2012 – Photometric Method for Determination of Anionic Surfactants in Water.

VLM 104:2010 – Determination of Primary Amines in 3% Acetic Acid by HPLC/MS/MS.

VLM 106:2012 – Foods. Computing Method for Determination of the Content of Carbohydrates.

VLM 107:2010 – Fodders. Nutritional and Energy Characterization.

VLM 108:2010 – Fodders. Determination of Nitrogen Free Residue.

VLM 109:2010 – Soils and Sludge for Use in the Agriculture. Determination of the Content of Organic Matter

VLM 110:2022 – Foods. Allergens Content. ELISA Method.

VLM 113:2012 – Water. Content of Vegetable and Animal Fats

VLM 114:2010 – Paper and Cardboard. Paper and Cardboard Intended to be in Contact with Food Products. Determination of Mercury in Water Extract.

VLM 115:2011 – Honey. Determination of Residues of Pesticides and Polychlorinated Biphenyls by Gas Chromatography.

VLM 117:2011 – Potentiometric Determination of Water Salinity.

VLM 118:2011 – Plastics. Melamine Formaldehyde Moulded Products. Determination of Extractable Melamine.

VLM 120:2012 – Waters. Determination of the Content of Hydrogen Carbonates

VLM 124:2018 – Enzyme-based Method for Determination of the Content of Lactose and Galactose in Meat, Meat Products and Tinned Foods.

VLM 126:2015 – Methods for determination of the parameters of noise emitted to the environment by industrial sources of noise. Determination of the sound level at the place of impact. Determination of the radius of the sound protection area.

VLM 127:2013 – Water. Determination of Absorbable Organically Bound Halogens (OBH).

VLM 128:2012 – Water Quality. Detection and Count of Faecal Streptococci. Method of Membrane Filtration.

VLM 130:2013 – Water. Determination of Dissolved or Emulsified Carbohydrates (after extraction with petroleum ether).

VLM 132:2013 – Content of Fats and Fat Acids (Saturated, Monounsaturated, Polyunsaturated, Omega 3, Omega 6, Omega 9, and Trans-fats).

VLM 134:2014 – Foods. Determination of Colorants: Tartrazin, Quinoline Yellow, Sunset Yellow, Azorubine, Ponso 4R, Allura red, Brilliant blue, Indigocarmine.

VLM 135:2013 – Oils and Fats. Determination of the Content of Phthalates.

VLM 136:2015 – Textile. Content of Pesticides.

VLM 137:2014 – Foods. Determination of Preservatives: Sorbic Acid (Sorbates), Benzoic Acid (Benzoates), Ethyl p-hydroxybenzoate, Methyl- p-hydroxybenzoate.

VLM 138:2015 – Soil. Structural Analysis.

VLM 139:2015 – Foods, Beverages, Fodders. Content of Caffeine and Theobromine.

VLM 141:2015 – Content of Metals in Textile – Extraction with Artificial Acid Sweat and ICP-OES Determination.

VLM 142:2015 – Determination of Dimethyl Fumarate in Products of Leather, Polyurethane and Silica Gel Pellets.

VLM 143:2015 – Determination of the Content of Phthalates (DBP, BBP, DEHP, DNOP, DIPP, iPnPP, DPP, DMEP, DnHP, DIBP, DIHP, DINP, DIDP, DUDP, DHNUP) in Plastic Products by Liquid Extraction and Gas Chromatography / Mass Selective Detection.

VLM 144:2015 – Determination of the Content of Phthalates (DBP, BBP, DEHP, DNOP, DIPP, iPnPP, DPP, DMEP, DnHP, DIBP, DIHP, DINP, DIDP, DUDP, DHNUP) In Plastic Products by Ultrasound Extraction and Gas Chromatography / Mass Selective Detection.

VLM 145:2012 – Water. Determination of Coliforms, Faecal Coliforms and Escherichia coli. Method of the Most Probable Number.

VLM 146:2015 – Foods and Fodders. Determination of Pesticide Residues.

VLM 147:2016 – Detection and Quantitative Determination of Sulphite-reducing Anaerobes (Clostridia) and Clostridium Perfringens in Sludge, Soils and Substrates to be used in Agriculture. Technique of the Most Probable Number.

VLM 149:2016 – Products of Vegetable and Animal Origin. Colorants-anato (Bixin, Norbixin)

VLM 152:2019 – Determination of Water Activity in Cosmetic Products and Products for Personal Hygiene and Care.

VLM 153:2020 – Determination of Acrylamide in Water.

VLM 154:2020 – Undesirable Materials in Foods, Fodders and Products for their Production.

VLM 156:2020 – Fluorides.

VLM 158:2020 – Foods, Fodders and Products for their Production; Vegetable Materials and Industrial Crops. Determination of the Loss of Mass from Drying.

VLM 159:2020 – Foods, Fodders and Products for their Production; Vegetable Materials and Industrial Crops. Determination of the Content of Fats.

VLM 160:2020 – Foods, Fodders and Products for their Production; Vegetable Materials and Industrial Crops. Determination of the Content of Ash.

VLM 161:2020 – Foods, Fodders and Products for their Production; Vegetable Materials and Industrial Crops. Determination of the Content of Chlorides.

VLM 162:2020 – Foods, Fodders and Products for their Production; Vegetable Materials and Industrial Crops. Determination of the Content of Proteins.

VLM 163:2020 – Pasta. Determination of the Content of Total Sugars.

VLM 164:2020 – Cereals and their Ground Products. Determination of Fat Acidity.

VLM 165:2020 – Meat and Fish Products. Determination of the Content of Starch.

VLM 166:2020 – Meat, Fish and Products from their Processing. Determination of the Content of Nitrites and Nitrates.

VLM 167:2020 – Foods, Fodders and Products for their Production. Determination of Water Activity.

VLM 168:2020 – Foods, Fodders and Products for their Production; Vegetable Materials and Industrial Crops. Determination of Glycoside Hydrogen Cyanide.

VLM 169:2020 – Durum Wheat and Durum Wheat Ground Products. Determination of Yellow Pigments.

VLM 170:2020 – Farming Products and Raw Materials. Count of Presumable Pseudomonas spp.

VLM 171:2020 – Foods, Fodders and Products for their Production; Vegetable Materials and Industrial Crops. Determination of the Fat Acid Profile.

VLM 174:2020 – Foods, Fodders and Products for their Production. Determination of the Content of Sulfur Dioxide.

VLM 175:2020 – Determination of Sulfates (Water-soluble) in Waste, Sludge, Sediments and Soil Improvers (based on БДC ISO 11048).

VLM 176:2020 – Determination of Total Organic Carbon with Sulfochrome Oxidation in Soil Improvers, Waste, Sludge and Sediments (based on БДC ISO 14235).

VLM 177:2020 – Gas Chromatograph Determination of Volatile Aromatic and Halogenated Carbohydrates in Soil Improver, Waste, Sludge and Sediment (based on БДC ISO 22155).

VLM 178:2021 – Agricultural products and raw materials, food, feed and materials for their production. Determination of pH

VLM 187:2023 - Oxidative stability of matrices with high fat content

VLM 189: 2021 – Quantitative Determination of Inorganic Anions in Water.

VLM 198:2022 – Materials and Items in Contact with Food, Silicate Surfaces. Determination of the Content of Released Metals.

VLM 202:2022 – Kjeldahl Determination of Nitrogen in Waste (based on БДC EN 16169).

VLM 203:2022 – Determination of pH in Seawater (based on БДC EN ISO 10523)

VLM 204:2022 – Determination of Polychlorinated Biphenyls in Seawater (based on EPA 1668).

VLM 205:2022 – Determination of Water Odour and Temperature.

VLM 206:2022 – Determination of Carbonate Alkalinity in Wastewater (based on БДC EN ISO 9963-2)

VLM 209:2023 - Activity concentration of natural and technogenic radionuclides measured by gamma-spectrometry  
VLM 210:2023 - Gross alpha- and beta-activity in solid and liquid matrices.  
VLM 212:2023 - Activity concentration of Strontium-90 in solid and liquid matrices.  
VLM 214:2023 - Plastics particles - detection, identification and quantification  
VLM 217:2023 - Textile and Leather products. Material identification by FTIR

### I ORDER

To issue the certificate of accreditation reg. № 86 ЛИ/29.01.2025, valid until 29.01.2029 to Laboratory of SGS Bulgaria EOOD, at SGS Bulgaria EOOD, Varna, and this order as an integral part of it.

The Certificate of accreditation with the enclosure to be received by the manager/ representative of SGS Bulgaria EOOD, the head of the Laboratory of SGS Bulgaria EOOD, at SGS Bulgaria EOOD, Varna, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the accredited person is obliged to return to EA BAS the originals of accreditation certificate № 86 ЛИ/30.01.2023, valid until 29.01.2025 and its enclosure, EA BAS order reg. № A 49/30.01.2023.

This order shall be notified to the Laboratory of SGS Bulgaria EOOD, at SGS Bulgaria EOOD, Varna,, within 3 (three) days from its issuance.

**Eng. Irena Borislavova**

Executive Director of EA BAS

