



**ORDER**

**№ A 646**

**Sofia, 09.11.2022**

Pursuant to Art. 10, para. 1, item 3, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies and item 7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 357/134 ЛИ/РО/01.04.2022, assessment report reg. № 357/134 ЛИ/4/В/05.07.2022, annex reg. № 357/134 ЛИ/РО/7/В/01.08.2022, declaration reg. № 357/134 ЛИ/РО/5/Е/05.07.2022 and statement of the Accreditation Commission reg. № 357/134 ЛИ/РО/9/В/10.10.2022, I hereby

**EXTEND THE SCOPE OF ACCREDITATION**

**Komihris Analytical Centre for Laboratory Tests,  
at Komihris Ltd, Plovdiv**

**Management address:** 4000 Plovdiv, 17, Presiyan Str, floor 4, apt. 5  
**Laboratory address:** 4109 Brani pole, Rodopi Municipality, Razklona Area, 20 A

**To perform testing of:**

Type of the scope: <i>Flexible for a part of the scope*</i>				
№	Tested products	Type of test/characteristic	Testing methods (standard / validated method)	
1	2	3	4	
1.	Meat (1) and meat products (2)	Physico- chemical tests		
		1.1	Moisture/ dry matter content	БДС 5712 (1) (2)
		1.2	Chlorides/ Sodium chloride content	БДС 7168 (1) (2)
		1.3	Fat	БДС 8549, cl. 4 (1)(2)
		1.4	pH	БДС 1323, cl. 2.3.1 (1)(2)
		1.5	Total ash	БДС 9373 (1) (2)
		1.6	Nitrites	Internal Laboratory Methodology (ILM) 2UV-VIS/2008 (1)(2)
		1.7	Protein	БДС 9374, cl. 2 (1)(2)
		1.8	Water activity	ILM 1Novasina/2008 (1)(2) БДС ISO 18787 (1)(2)
		1.9	Saturated/ Unsaturated fatty acids	ILM 63GC FID/2014 (2)
		1.10	Carbohydrates	ILM 22/2009 (1)(2)
1.11	Dietary fibre (fibres)-total, soluble and insoluble	AOAC 985.29 (1)(2) AOAC 991.43 (1)(2)		

<b>Type of the scope:</b> <i>Flexible for a 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
		1.12	Energy value	Regulation (EU) № 1169 Annex XIV (Calculation using conversion factors) (1)(2)
		1.13	Organoleptic testing	БДС 1323 (1) БДС 9381 (2)
		1.14	Arsenic/ As	ILM 75 ICP-OES/2021(2)
		1.15	Mercury/Hg	ILM 75 ICP-OES/2021(2)
		1.16	Nickel/ Ni	ILM 45 AAS/2012 (1)(2) ILM 75 ICP-OES/2021(2)
		1.17	Sodium/ Na	ILM 47 AAS/2013 (1)(2) ILM 75 ICP-OES/2021 (2)
		1.18	Lead/ Pb	ILM 75 ICP-OES/2021 (2)
		1.19	Cadmium/ Cd	ILM 75 ICP-OES/2021 (2)
		1.20	Calcium/Ca	ILM 57 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (2)
		1.21	Magnesium / Mg	ILM 58 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (2)
		1.22	Chromium/ Cr	ILM 59 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (2)
		1.23	Zinc/ Zn	ILM 60 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (2)
		1.24	Copper/ Cu	ILM 61 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (2)
		1.25	Potassium/K	ILM 70 AAS/2019 (1)(2) ILM 75 ICP-OES/2021 (2)
		1.26	Tin/Sn	ILM 75 ICP-OES/2021 (2)
		1.27	Iron/Fe	ILM 75 ICP-OES/2021 (2)
		1.28	Phosphorus/P	ILM 75 ICP-OES/2021 (2)
		<b>Microbiological testing</b>		
		1.29	Total plate count	БДС EN ISO 4833-1/A1 (1)(2) БДС EN ISO 4833-2/A1 (1)(2)
		1.30	Listeria monocytogenes (Listeria monocytogenes)/Listeria spp.	БДС EN ISO 11290-1 (1)(2) БДС EN ISO 11290-2 (1)(2)
		1.31	Salmonella (Salmonella spp.)	БДС EN ISO 6579-1: /A1 (1)(2)
		1.32	Enterobacteriaceae (Enterobacteriaceae)	БДС EN ISO 21528-2 (1)(2) БДС EN ISO 21528-1 cl. 9.2 (1)(2)
		1.33	Escherichia coli	БДС ISO 16649-1 (1)(2) БДС ISO 16649-2 (1)(2) БДС EN ISO 16649-3 cl. 9.1 (1)(2)
		1.34	Coagulase-positive staphylococci (Staphylococcus aureus)	БДС EN ISO 6888-1 (1)(2) БДС EN ISO 6888-2 (1)(2) БДС EN ISO 6888-3+AC cl. 9.1 (1)(2)
		1.35	Moulds and yeasts	БДС ISO 21527-1:2011 (1)(2) БДС ISO 21527-2:2011 (1)(2)
		1.36	Coliforms	ISO 4832 (1)(2)

<b>Type of the scope:</b> <i>Flexible for a 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
				ISO 4831 cl. 9.1 (1)(2)
		1.37	Clostridium perfringens (Clostridium perfringens)	БДС EN ISO 7937 (1)(2)
		1.38	Sulfite-reducing clostridia	ISO 15213 (1)(2)
		1.39	Antibiotics and sulfonamides	БДС 1323 cl. 4.3.1 (1)
2.	Milk (1). Dairy products (2)	Physico- chemical tests		
		2.1	Water content/dry matter	БДС 1109 (1) (2)
		2.2	Density	БДС 1110 (1)
		2.3	Acidity	БДС 1111 (1) (2)
		2.4	Fat	БДС ISO 19662 (1) ISO 3433:2008 (2) БДС EN ISO 17189 (2) БДС EN ISO 2450 (2)
		2.5	Sodium chloride content	БДС 8274 cl. 5(2)
		2.6	Protein/Crude protein	БДС 6231 (1) (2) БДС EN ISO 8968-1 (1)(2)
		2.7	Alien fat in milk content/ Purity of milk fat	БДС EN ISO 17678 (1)(2)
		2.8	Aflatoxin M1	БДС EN ISO 14501 (1)
		2.9	Fatty acid content/ Saturated/ Unsaturated fatty acids	ILM 63GC FID/2014 (2)
		2.10	Trans fatty acid isomers	ILM 63GC FID/2014 (2)
		2.11	Sugars/lactose, glucose, sucrose, fructose	ILM 33HPLC/2009 (1)(2)
		2.12	Total ash	БДС 6154 (1) (2)
		2.13	Carbohydrates	ILM 22/2009(1)(2)
		2.14	Dietary fibre (fibres)-total, soluble and insoluble	AOAC 985.29 (1)(2) AOAC 991.43 (1)(2)
		2.15	Energy value	Regulation (EU) № 1169/2011 Annex XIV (Calculation using conversion factors) (1)(2)
		2.16	Freezing point	БДС EN ISO 5764 (1)
		2.17	Water activity	БДС ISO 18787 (2)
		2.18	Organoleptic testing	БДС 15612 (2)
		2.19	Arsenic/ As	ILM 75 ICP-OES/2021(1)(2)
		2.20	Mercury/Hg	ILM 75 ICP-OES/2021(1)(2)
		2.21	Nickel/ Ni	ILM 45 AAS/2012 (1)(2) ILM 75 ICP-OES/2021(1)(2)
		2.22	Sodium/ Na	ILM 47 AAS/2013 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		2.23	Lead/ Pb	ILM 75 ICP-OES/2021 (1)(2)
		2.24	Cadmium/ Cd	ILM 75 ICP-OES/2021 (1)(2)
		2.25	Calcium/Ca	ILM 57 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		2.26	Magnesium / Mg	ILM 58 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		2.27	Chromium/ Cr	ILM 59 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
2.28	Zinc/ Zn	ILM 60 AAS/2014 (1)(2)		

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<b>№</b>	<b>Tested products</b>	<b>Type of test/characteristic</b>	<b>Testing methods (standard / validated method)</b>
1	2	3	4
			ILM 75 ICP-OES/2021 (1)(2)
		2.29 Copper/ Cu	ILM 61 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		2.30 Potassium/K	ILM 70 AAS/2019 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		2.31 Tin/Sn	ILM 75 ICP-OES/2021 (1)(2)
		2.32 Iron/Fe	ILM 75 ICP-OES/2021 (1)(2)
		2.33 Phosphorus/P	ILM 75 ICP-OES/2021 (1)(2)
		2.34 Aluminium/Al	ILM 75 ICP-OES/2021 (1)(2)
		<b>Microbiological testing</b>	
		2.35 Total plate count	БДС EN ISO 4833-1/A1(1)(2) БДС EN ISO 4833-2/A1(1)(2)
		2.36 <i>Listeria monocytogenes</i> ( <i>Listeria monocytogenes</i> )/ <i>Listeria</i> spp.	БДС EN ISO 11290-1 (1)(2) БДС EN ISO 11290-2 (1)(2)
		2.37 <i>Salmonella</i> ( <i>Salmonella</i> spp.)	БДС EN ISO 6579-1 /A1 (1)(2)
		2.38 Enterobacteriaceae ( <i>Enterobacteriaceae</i> )	БДС EN ISO 21528-2 (1)(2) БДС EN ISO 21528-1 cl. 9.2 (1)(2)
		2.39 <i>Escherichia coli</i>	БДС ISO 16649-1 (1)(2) БДС ISO 16649-2 (1)(2) БДС EN ISO 16649-3 cl. 9.1(1)(2)
		2.40 Coagulase-positive staphylococci ( <i>Staphylococcus aureus</i> )	БДС EN ISO 6888-1 (1)(2) БДС EN ISO 6888-2 (1)(2) БДС EN ISO 6888-3+AC cl. 9.1(1)(2)
		2.41 Moulds and yeasts	БДС ISO 21527-1 (1)(2) БДС ISO 21527-2 (1)(2) БДС ISO 6611 (1) (2)
		2.42 Coliforms	ISO 4832 (1)(2) ISO 4831 cl. 9.1 (1)(2)
		2.43 <i>Clostridium perfringens</i> ( <i>Clostridium perfringens</i> )	БДС EN ISO 7937 (1)(2)
		2.44 Sulfite-reducing clostridia	ISO 15213 (1)(2)
		2.45 <i>Bacillus cereus</i>	БДС EN ISO 7932 (1)(2)
		2.46 Inhibiting substances/ Inhibitors	БДС 6688 cl. 2 (1) БДС 6688 cl. 4: (1)
		2.47 Total number of somatic cells	БДС EN ISO 13366-1 (1)
		2.48 Characteristic microorganisms in yogurt / <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> and <i>Streptococcus thermophilus</i>	БДС ISO 7889 (2)
		2.49 Bifidobacteria	ISO 29981(2)
3.	Water-drinking water (natural)	<b>Physico- chemical tests</b>	
		3.1 Nitrites	ILM 3UV-VIS/2008 (1)(2)(3)
		3.2 Sulphates	ILM 4 UV-VIS/2008 (1)(2)
		3.3 Ammonium ion	ILM 5 UV-VIS/2008 (1)(2)(3)
		3.4 Aluminium	ILM 6 UV-VIS/2008 (1)(2)

**Type of the scope:** *Flexible for a part of the scope\**

№	Tested products	Type of test/characteristic		Testing methods (standard / validated method)
1	2	3		4
	mineral water, spring water, table water, water, intended for drinking and household purposes,  bottled water and source water (1).  Surface and underground water (2)  Swimming pool water (3). Ice(4)		Aluminium/Al	ILM 75 ICP-OES/2021 (1)(2)
		3.5	Iron	ILM 7 UV-VIS/2008 (1)(2)(3)
			Iron/Fe	ILM 75 ICP-OES/2021 (1)(2)(3)
		3.6	Nitrates	ILM 8 UV-VIS/2008 (1)(2)
		3.7	Chlorides	ILM 9 UV-VIS/2008 (1)(2)
		3.8	Manganese	ILM 10 UV-VIS/2008 (1)(2)(3)
			Manganese/Mn	ILM 75 ICP-OES/2021 (1)(2)(3)
		3.9	Electrical conductivity	БДС EN 27888 (1) (2)
		3.10	pH	БДС 17.1.4.27 (2)(3) БДС 3424, cl. 1 (1)
		3.11	Colour	БДС 8451 (1)
		3.12	Smell	БДС 8451 (1)
		3.13	Taste	БДС 8451 (1)
		3.14	Arsenic/ As	ILM 75 ICP-OES/2021 (1)(2)
		3.15	Mercury/Hg	ILM 75 ICP-OES/2021 (1)(2)
		3.16	Nickel/ Ni	ILM 45 AAS/2012 (1)(2)
				ILM 75 ICP-OES/2021 (1)(2)
		3.17	Sodium/ Na	ILM 47 AAS/2013 (1)(2)
				ILM 75 ICP-OES/2021 (1)(2)
				ILM 75 ICP-OES/2021 (1)(2)
		3.18	Lead/ Pb	ILM 75 ICP-OES/2021 (1)(2)
		3.19	Cadmium/ Cd	ILM 75 ICP-OES/2021 (1)(2)
		3.20	Calcium/Ca	ILM 57 AAS/2014 (1)(2)
				ILM 75 ICP-OES/2021 (1)(2)
		3.21	Magnesium / Mg	ILM 58 AAS/2014 (1)(2)
				ILM 75 ICP-OES/2021 (1)(2)
		3.22	Chromium/ Cr	ILM 59 AAS/2014 (1)(2)
				ILM 75 ICP-OES/2021 (1)(2)
		3.23	Zinc/ Zn	ILM 60 AAS/2014 (1)(2)
				ILM 75 ICP-OES/2021 (1)(2)
		3.24	Copper/ Cu	ILM 61 AAS/2014 (1)(2)
				ILM 75 ICP-OES/2021 (1)(2)
		3.25	Total hardness	ILM 34 UV-VIS/2009 (1)(2)
		3.26	Free chlorine residual	ILM 23 UV-VIS/2009 (1)(2)(3)
		3.27	Fluorides	ILM 32 UV-VIS/2009 (1)(2)
		3.28	Phosphates	ILM 12 UV-VIS/2009 (1)(2)
	3.29	Potassium/K	ILM 70 AAS/2019 (1)(2)	
			ILM 75 ICP-OES/2021 (1)(2)	
	3.30	Active chlorine residual (combined+free)	ILM 23 UVVIS/2009 (1)(2)(3)	
	3.31	Permanganate index	БДС EN ISO 8467 (1)(2)(3)	
	Microbiological testing			
	3.32	Total bacterial count (TBC)	БДС EN ISO 6222 (1) (2) (3) (4) БДС 17335 (3)	
	3.33	Enterococci/ Faecal streptococci	БДС EN ISO 7899-2(1)(3)(4)	
	3.34	Pseudomonas aeruginosa (Pseudomonas aeruginosa)	БДС EN ISO 16266 (1)(3)(4)	
	3.35	Escherichia coli	БДС EN ISO 9308-1/A1 (1)(3)(4)	

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<b>№</b>	<b>Tested products</b>	<b>Type of test/characteristic</b>		<b>Testing methods (standard / validated method)</b>
1	2	3		4
		3.36	Coliforms	БДС EN ISO 9308-1/A1(1)(3)(4)
		3.37	Clostridium/ Spore-forming sulfite-reducing anaerobe bacteria	БДС EN 26461-2 (1)(3)(4)
		3.38	Clostridium perfringens (Clostridium perfringens)	БДС EN ISO 14189 (1)(3)(4)
		3.39	Escherichia coli titre	БДС 17335 (3)
		3.40	Coli titre	БДС 17335 (3)
		3.41	Staphylococcus titre	БДС 17335 (3)
		3.42	Enterococcus titre	БДС 17335 (3)
4.	Confectionery	Physico- chemical tests		
		4.1	Dry matter/moisture content	БДС 5313 cl. 2.1
		4.2	Total ash	БДС 5313
		4.3	Fat	БДС 5439 cl. 2.2.3
		4.4	Water activity	ILM 1Novasina/2008 БДС ISO 18787
		4.5	Saturated/ Unsaturated fatty acids	ILM 63GC FID/2014
		4.6	Trans fatty acid isomers	ILM 63GC FID/2014
		4.7	Protein	ILM 71 Kjeldahl/2019
		4.8	Sugars/lactose, glucose, sucrose, fructose	ILM 33HPLC/2009
		4.9	Ash, insoluble in hydrochloric acid	БДС 5313:1985
		4.10	Sorbic acid/Potassium sorbate	ILM 40 HPLC/2011
		4.11	Benzoic acid/Sodium benzoate	ILM 40 HPLC/2011
		4.12	Carbohydrates	ILM 22 /2009
		4.13	Dietary fibre (fibres)-total, soluble and insoluble	AOAC 985.29 AOAC 991.43
		4.14	Energy value	Regulation (EU) № 1169/2011, Annex XIV (Calculation using conversion factors)
		4.15	Organoleptic testing	БДС 6279**
		4.16	Arsenic/ As	ILM 75 ICP-OES/2021
		4.17	Mercury/Hg	ILM 75 ICP-OES/2021
		4.18	Nickel/ Ni	ILM 45AAS/2012 ILM 75 ICP-OES/2021
		4.19	Sodium/ Na	ILM 47 AAS/2013 ILM 75 ICP-OES/2021
		4.20	Lead/ Pb	ILM 75 ICP-OES/2021
		4.21	Cadmium/ Cd	ILM 75 ICP-OES/2021
		4.22	Calcium/Ca	ILM 57 AAS/2014 ILM 75 ICP-OES/2021
		4.23	Magnesium / Mg	ILM 58 AAS/2014 ILM 75 ICP-OES/2021
		4.24	Chromium/ Cr	ILM 59 AAS/2014

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<b>№</b>	<b>Tested products</b>	<b>Type of test/characteristic</b>	<b>Testing methods (standard / validated method)</b>		
1	2	3	4		
			ILM 75 ICP-OES/2021		
		4.25	Zinc/ Zn	ILM 60 AAS/2014 ILM 75 ICP-OES/2021	
		4.26	Copper/ Cu	ILM 61 AAS/2014 ILM 75 ICP-OES/2021	
		4.27	Potassium/K	ILM 70 AAS/2019 ILM 75 ICP-OES/2021	
		4.28	Tin/Sn	ILM 75 ICP-OES/2021	
		4.29	Iron/Fe	ILM 75 ICP-OES/2021	
		4.30	Phosphorus/P	ILM 75 ICP-OES/2021	
		Microbiological testing			
		4.31	Total plate count	БДС EN ISO 4833-1 БДС EN ISO 4833-2/A1	
		4.32	Listeria monocytogenes (Listeria monocytogenes)/Listeria spp.	БДС EN ISO 11290-1 БДС EN ISO 11290-2	
		4.33	Salmonella (Salmonella spp.)	БДС EN ISO 6579-1 /A1	
		4.34	Enterobacteriaceae (Enterobacteriaceae)	БДС EN ISO 21528-2 БДС EN ISO 21528-1 cl. 9.2	
		4.35	Escherichia coli	БДС ISO 16649-1 БДС ISO 16649-2 БДС EN ISO 16649-3 cl. 9.1	
		4.36	Coagulase-positive staphylococci (Staphylococcus aureus)	БДС EN ISO 6888-1 БДС EN ISO 6888-2 БДС EN ISO 6888-3+AC cl. 9.1	
		4.37	Moulds and yeasts	БДС ISO 21527-1 БДС ISO 21527-2	
		4.38	Coliforms	ISO 4832 ISO 4831 cl. 9.1	
		4.39	Clostridium perfringens (Clostridium perfringens)	БДС EN ISO 7937	
		4.40	Sulfite-reducing clostridia	ISO 15213	
		4.41	Bacillus cereus	БДС EN ISO 7932	
		5.	Fruit, vegetables and products produced out of them(1)  Canned fruit, vegetables and mix of meat and vegetables (2). Canned meat (3); Prepared meals and dishes, sauces(4)	Physico- chemical tests	
5.1	Titrateable acidity			БДС 6996 (2)	
5.2	Total ash			БДС 7646 (1)(2)(3)(4)	
5.3	Protein			БДС 14431 (1)(2)(4) БДС 15438 (3) (4)	
5.4	pH			БДС 11688 (2)	
5.5	Nitrates			БДС EN 12014-2 (1)(2)	
5.6	Chlorides			БДС 7168 (2) (3)	
5.7	Moisture/ dry matter content			БДС 15437 (2) (3) (4)	
5.8	Free fat			БДС 6997 (1) (2) (4)	
5.9	Fat			БДС 8549, cl. 4 (3)(4)	
5.10	Sugars (total)			БДС 7169 (2)	
5.11	Sugars/lactose, glucose, sucrose, fructose			ILM 33 HPLC/2009(1)(2)(3)	
5.12	Soluble substances			БДС EN 12143 (1)	

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1	2	3	4
			БДС 17257 (1) (2)
		5.13 Patulin	БДС EN 14177 (1) (2)
		5.14 Saturated/ Unsaturated fatty acids	ILM 63 GC FID/2014(2)(3)
		5.15 Trans fatty acid isomers	ILM 63 GC FID/2014 (2)(3)
		5.16 Sorbic acid/Potassium sorbate	ILM 40 HPLC/2011 (1)(2)(3)
		5.17 Benzoic acid/Sodium benzoate	ILM 40 HPLC/2011 (1)(2)(3)
		5.18 Carbohydrates	ILM 22/2009 (1)(2)(3)(4)
		5.19 Dietary fibre(fibres)-total, soluble and insoluble	AOAC 985.29 (1)(2)(3)(4) AOAC 991.43 (1)(2)(3)(4)
		5.20 Energy value	Regulation (EU) № 1169 Annex XIV (Calculation using conversion factors) (1)(2)(3)(4)
		5.21 Organoleptic testing	БДС 1035 (2) (3)
		5.22 Water activity	БДС ISO 18787 (1)(2)(3)
		5.23 Hydroxymethylfurfural (HMF)	ILM 69 HPLC/2019 (1)(2)
		5.24 Total sulphur dioxide	БДС 11709 cl. 1.2 (1)(2)
		5.25 Arsenic/ As	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.26 Mercury/Hg	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.27 Nickel/ Ni	ILM 45 AAS/2012 (1)(2)(3)(4) ILM 75 ICP-OES/2021 (1)(2)(3)
		5.28 Sodium/ Na	ILM 47 AAS/2013 (1)(2)(3)(4) ILM 75 ICP-OES/2021 (1)(2)(3)
		5.29 Lead/ Pb	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.30 Cadmium/ Cd	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.31 Calcium/Ca	ILM 57 AAS/2014 (1)(2)(3)(4) ILM 75 ICP-OES/2021 (1)(2)(3)
		5.32 Magnesium / Mg	ILM 58 AAS/2014 (1)(2)(3)(4) ILM 75 ICP-OES/2021 (1)(2)(3)
		5.33 Chromium/ Cr	ILM 59 AAS/2014 (1)(2)(3)(4) ILM 75 ICP-OES/2021 (1)(2)(3)
		5.34 Zinc/ Zn	ILM 60 AAS/2014 (1)(2)(3)(4) ILM 75 ICP-OES/2021 (1)(2)(3)



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<b>№</b>	<b>Tested products</b>	<b>Type of test/characteristic</b>		<b>Testing methods (standard / validated method)</b>
1	2	3		4
		5.35	Copper/ Cu	ILM 61 AAS/2014 (1)(2)(3)(4)
				ILM 75 ICP-OES/2021 (1)(2)(3)
		5.36	Potassium/K	ILM 70 AAS/2019 (1)(2)(3)(4)
				ILM 75 ICP-OES/2021 (1)(2)(3)
		5.37	Antimony/Sb	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.38	Selenium/Se	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.39	Tin/Sn	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.40	Manganese/Mn	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.41	Iron/Fe	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.42	Phosphorus/P	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.43	Aluminium/Al	ILM 75 ICP-OES/2021 (1)(2)(3)
		5.44	Starches	Regulation (EU) № 118 Annex I, (2)
		<b>Microbiological testing</b>		
		5.45	Total plate count	БДС EN ISO 4833-1/A1 (1)(2)(3)(4) БДС EN ISO 4833-2/A1 (1)(2)(3)(4) БДС 1035 (2) (3) БДС 6916 (2)
		5.46	Listeria monocytogenes (Listeria monocytogenes)/Listeria spp	БДС EN ISO 11290-1 (1)(2)(3)(4) БДС EN ISO 11290-2 (1)(2)(3)(4)
		5.47	Salmonella (Salmonella spp.)	БДС EN ISO 6579-1/A1 (1)(2)(3)(4)
		5.48	Enterobacteriaceae (Enterobacteriaceae)	БДС EN ISO 21528-2 (1)(2)(3)(4) БДС EN ISO 21528-1, cl. 9.2 (1)(2)(3)(4)
		5.49	Escherichia coli	БДС ISO 16649-1 (1)(2)(3)(4) БДС ISO 16649-2 (1)(2)(3)(4) БДС EN ISO 16649-3 cl. 9.1 (1)(2)(3)(4)
		5.50	Coagulase-positive staphylococci (Staphylococcus aureus)	БДС EN ISO 6888-1 (1)(2)(3)(4) БДС EN ISO 6888-2 (1)(2)(3)(4) БДС EN ISO 6888-3+AC cl. 9.1 (1)(2)(3)(4)
		5.51	Moulds and yeasts	БДС ISO 21527-1 (1)(2)(3)(4) БДС ISO 21527-2 (1)(2)(3)(4)

<b>Type of the scope:</b> <i>Flexible for a 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
				БДС 1035 (2) (3) БДС 6916 (2)
		5.52	Coliforms	ISO 4832 (1)(2)(3)(4) ISO 4831 cl. 9.1(1)(2)(3)(4)
		5.53	Clostridium perfringens (Clostridium perfringens)	БДС EN ISO 7937 (1) (2) (3) (4)
		5.54	Sulfite-reducing clostridia	ISO 15213 (1)(2)(3)(4)
		5.55	Bacillus cereus	БДС EN ISO 7932 (1)(4)
		5.56	Mesophilic anaerobic microorganisms	БДС 1035 (2) (3) БДС 6916 (2)
		5.57	Thermophilic aerobes and facultative anaerobes	БДС 1035 (2) (3) БДС 6916 (2)
		5.58	Thermophilic anaerobic microorganisms	БДС 1035 (2) (3) БДС 6916 (2)
6.	Cereals - wheat, legumes and products produced out of them (1) Fodder/Animal feed (2)	Physico- chemical tests		
		6.1	Moisture/ dry matter content	БДС EN ISO 712 (1) БДС ISO 6496 (2)
		6.2	Protein/Crude protein	БДС 13490 (1) БДС EN ISO 5983-1 (2)
		6.3	Crude fat/Fat	БДС 11374 (1) (2)
		6.4	Total ash / Crude ash	ISO 2171 (1) БДС 11374 (2)
		6.5	Ash, insoluble in 10% hydrochloric acid	БДС 754 cl. 7.4 (1)
		6.6	Acidity	БДС 754, cl. 7.9(1) БДС 11374 (2)
		6.7	Chlorides	БДС 11374 (1) (2)
		6.8	Crude fibres	БДС 11374 (1) (2)
		6.9	Sugars/lactose, glucose, sucrose, fructose	ILM 33 HPLC/2009 (1)(2)
		6.10	Wet gluten	БДС EN ISO 21415-1 (1)
		6.11	Allocation of gluten	БДС 754 cl. 7.6 (1)
		6.12	Aflatoxin B1 and the sum of aflatoxins B1, B2, G1 and G2	БДС EN ISO 16050 (1)(2)
		6.13	Ochratoxin A	ISO 15141 (1)(2)
		6.14	Zearalenone	БДС EN 15792 (1) (2)
		6.15	Deoxynivalenol	БДС EN 15791 (1) (2)
		6.16	Saturated/ Unsaturated fatty acids	ILM 63 GC FID/2014(1)(2)
		6.17	Trans fatty acid isomers	ILM 63 GC FID/2014 (1)(2)
		6.18	Sorbic acid/Potassium sorbate	ILM 40 HPLC/2011 (1)(2)
		6.19	Benzoic acid/Sodium benzoate	ILM 40 HPLC/2011 (1)(2)
		6.20	Carbohydrates	ILM 22/2009 (1)(2)
		6.21	Dietary fibre (fibres)-total, soluble and insoluble	AOAC 985.29 (1)(2) AOAC 991.43 (1)(2)
		6.22	Energy value	Regulation (EU) № 1169 Annex XIV (Calculation using conversion factors) (1)(2)

**Type of the scope:** *Flexible for a part of the scope\**

№	Tested products	Type of test/characteristic		Testing methods (standard / validated method)
1	2	3		4
		6.23	Water activity	БДС ISO 18787 (1) (2)
		6.24	Phosphorus	БДС 11374 (2) ILM 75 ICP-OES/2021 (1)(2)
		6.25	Arsenic/ As	ILM 75 ICP-OES/2021 (1)(2)
		6.26	Mercury/Hg	ILM 75 ICP-OES/2021 (1)(2)
		6.27	Nickel/ Ni	ILM 45 AAS/2012 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		6.28	Sodium/ Na	ILM 47 AAS/2013 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		6.29	Lead/ Pb	ILM 75 ICP-OES/2021 (1)(2)
		6.30	Cadmium/ Cd	ILM 75 ICP-OES/2021 (1)(2)
		6.31	Calcium/Ca	ILM 57 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		6.32	Magnesium / Mg	ILM 58 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		6.33	Chromium/ Cr	ILM 59 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		6.34	Zinc/ Zn	ILM 60 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		6.35	Copper/ Cu	ILM 61 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		6.36	Potassium/K	ILM 70 AAS/2019 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		6.37	Tin/Sn	ILM 75 ICP-OES/2021 (1)(2)
		6.38	Iron/Fe	ILM 75 ICP-OES/2021 (1)(2)
		Microbiological testing		
		6.39	Total plate count	БДС EN ISO 4833-1 (1)(2) БДС EN ISO 4833-2/A1 (1)(2)
		6.40	Listeria monocytogenes (Listeria monocytogenes)/ Listeria spp	БДС EN ISO 11290-1 (1)(2) БДС EN ISO 11290-2 (1)(2)
		6.41	Salmonella (Salmonella spp.)	БДС EN ISO 6579-1/A1 (1)(2)
		6.42	Enterobacteriaceae (Enterobacteriaceae)	БДС EN ISO 21528-2 (1)(2) БДС EN ISO 21528-1 cl. 9.2 (1)(2)
		6.43	Escherichia coli	БДС ISO 16649-1 (1)(2) БДС ISO 16649-2 (1)(2) БДС EN ISO 16649-3, cl. 9.1 (1)(2)
		6.44	Coagulase-positive staphylococci (Staphylococcus aureus)	БДС EN ISO 6888-1 (1)(2) БДС EN ISO 6888-2 (1)(2) БДС EN ISO 6888-3+AC cl. 9.1 (1)(2)
		6.45	Moulds and yeasts	БДС ISO 21527-1 (1)(2) БДС ISO 21527-2 (1)(2)
		6.46	Coliforms	ISO 4832 (1)(2) ISO 4831 cl. 9.1 (1)(2)
		6.47	Clostridium perfringens (Clostridium perfringens)	БДС EN ISO 7937 (1)(2)
		6.48	Sulfite-reducing clostridia	ISO 15213 (1)(2)

<b>Type of the scope:</b> <i>Flexible for a 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
		6.49	Bacillus cereus	БДС EN ISO 7932 (1)(2)
		6.50	(Bacillus subtilis/ mesentericus)	БДС 15090** (1)
7.	Bread and bread products	Physico- chemical tests		
		7.1	Protein	БДС 3412
		7.2	Moisture/ dry matter content	БДС 3412
		7.3	Fat	БДС 3412
		7.4	Total ash	ISO 2171
		7.5	Acidity	БДС 3412
		7.6	Cooking salt	БДС 3412
		7.7	Saturated/ Unsaturated fatty acids	ILM 63 GC FID/2014
		7.8	Trans fatty acid isomers	ILM 63 GC FID/2014
		7.9	Sugars/lactose, glucose, sucrose, fructose	ILM 33 HPLC/2009
		7.10	Sorbic acid/Potassium sorbate	ILM 40 HPLC/2011
		7.11	Benzoic acid/Sodium benzoate	ILM 40 HPLC/2011
		7.12	Carbohydrates	ILM 22 /2009
		7.13	Dietary fibre (fibres)-total, soluble and insoluble	AOAC 985.29 AOAC 991.43
		7.14	Energy value	Regulation (EU) № 1169, Annex XIV (Calculation using conversion factors)
		7.15	Organoleptic testing	БДС 3412
		7.16	Crumb moisture	БДС 3412
		7.17	Aflatoxin B1 and the sum of aflatoxins B1, B2, G1 and G2	ILM 76 HPLC/2021
		7.18	Ochratoxin A	ILM 76 HPLC/2021
		7.19	Zearalenone	ILM 76 HPLC/2021
		7.20	Deoxynivalenol	ILM 76 HPLC/2021
		7.21	Arsenic/ As	ILM 75 ICP-OES/2021
		7.22	Mercury/Hg	ILM 75 ICP-OES/2021
		7.23	Nickel/ Ni	ILM 45 AAS/2012 ILM 75 ICP-OES/2021
		7.24	Sodium/ Na	ILM 47 AAS/2013 ILM 75 ICP-OES/2021
		7.25	Lead/ Pb	ILM 75 ICP-OES/2021
		7.26	Cadmium/ Cd	ILM 75 ICP-OES/2021
		7.27	Calcium/Ca	ILM 57 AAS/2014 ILM 75 ICP-OES/2021
		7.28	Magnesium / Mg	ILM 58 AAS/2014 ILM 75 ICP-OES/2021
		7.29	Chromium/ Cr	ILM 59 AAS/2014 ILM 75 ICP-OES/2021
		7.30	Zinc/ Zn	ILM 60 AAS/2014 ILM 75 ICP-OES/2021
		7.31	Copper/ Cu	ILM 61 AAS/2014

<b>Type of the scope:</b> <i>Flexible for a 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
			ILM 75 ICP-OES/2021
		7.32 Potassium/K	ILM 70 AAS/2019 ILM 75 ICP-OES/2021
		7.33 Tin/Sn	ILM 75 ICP-OES/2021
		7.34 Iron/Fe	ILM 75 ICP-OES/2021
		Microbiological testing	
		7.35 Total plate count	БДС EN ISO 4833-1 БДС EN ISO 4833-2/A1
		7.36 <i>Listeria monocytogenes</i> ( <i>Listeria monocytogenes</i> )/ <i>Listeria</i> spp	БДС EN ISO 11290-1 БДС EN ISO 11290-2
		7.37 <i>Salmonella</i> ( <i>Salmonella</i> spp.)	БДС EN ISO 6579-1 /A1
		7.38 Enterobacteriaceae ( <i>Enterobacteriaceae</i> )	БДС EN ISO 21528-2 БДС EN ISO 21528-1, cl. 9.2
		7.39 <i>Escherichia coli</i>	БДС ISO 16649-1 БДС ISO 16649-2 БДС EN ISO 16649-3, cl. 9.1
		7.40 Coagulase-positive staphylococci ( <i>Staphylococcus aureus</i> )	БДС EN ISO 6888-1 БДС EN ISO 6888-2 БДС EN ISO 6888-3+AC cl. 9.1
		7.41 Moulds and yeasts	БДС ISO 21527-1 БДС ISO 21527-2
		7.42 Coliforms	ISO 4832 ISO 4831, cl. 9.1
		7.43 <i>Clostridium perfringens</i> ( <i>Clostridium perfringens</i> )	БДС EN ISO 7937
		7.44 Sulfite-reducing clostridia	ISO 15213
		7.45 <i>Bacillus cereus</i>	БДС EN ISO 7932
		7.46 ( <i>Bacillus subtilis</i> / <i>mesentericus</i> )	БДС 16939**
8.	Contact surfaces	Microbiological testing	
		8.1 Total plate count	ISO 18593 БДС EN ISO 4833-1 БДС EN ISO 4833-2/A1
		8.2 Moulds and yeasts	ISO 18593 БДС ISO 21527-1
		8.3 <i>Salmonella</i> ( <i>Salmonella</i> spp.)	БДС EN ISO 6579-1/A1
		8.4 <i>Listeria monocytogenes</i> ( <i>Listeria monocytogenes</i> )/ <i>Listeria</i> spp	БДС EN ISO 11290-1 БДС EN ISO 11290-2
		8.5 <i>Escherichia coli</i>	ISO 18593 БДС ISO 16649-1 БДС ISO 16649-2 БДС EN ISO 16649-3 cl. 9.1
		8.6 Coliforms	ISO 18593 ISO 4832 ISO 4831 cl. 9.1
		8.7 Coagulase-positive staphylococci ( <i>Staphylococcus aureus</i> )	ISO 18593 БДС EN ISO 6888-1 БДС EN ISO 6888-2

<b>Type of the scope:</b> <i>Flexible for a 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
				БДС EN ISO 6888-3+AC cl. 9.1
		8.8	Enterobacteriaceae	БДС EN ISO 21528-2 БДС EN ISO 21528-1, cl. 9.2
9.	Spices (1), herbs (2)	Physico- chemical tests		
		9.1	Colour – dye content as per ASTA	БДС 466** (1) БДС EN ISO 7541 (1)
		9.2	Total ash	БДС ISO 928 (1) (2)
		9.3	Water insoluble ash	БДС ISO 929** (1)(2)
		9.4	Acid insoluble ash	БДС ISO 930 (1) (2)
		9.5	Aflatoxin B1 and the sum of aflatoxins B1, B2, G1 and G2	БДС EN 14123 (1) (2)
		9.6	Ochratoxin A	ISO 15141 (1)(2)
		9.7	Capsaicinoid	ISO 7543-2 (1)(2)
		9.8	Piperine	ISO 11027 (1)(2)
		9.9	Moisture (through extraction method)	БДС ISO 939 (2)
		9.10	Moisture and volatile substances/Dry matter	БДС EN ISO 665 (1)
		9.11	Arsenic/ As	ILM 75 ICP-OES/2021 (1)(2)
		9.12	Mercury/Hg	ILM 75 ICP-OES/2021 (1)(2)
		9.13	Nickel/ Ni	ILM 45 AAS/2012 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		9.14	Sodium/ Na	ILM 47 AAS/2013 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		9.15	Lead/ Pb	ILM 75 ICP-OES/2021 (1)(2)
		9.16	Cadmium/ Cd	ILM 75 ICP-OES/2021 (1)(2)
		9.17	Calcium/Ca	ILM 57 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		9.18	Magnesium / Mg	ILM 58 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		9.19	Chromium/ Cr	ILM 59 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		9.20	Zinc/ Zn	ILM 60 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		9.21	Copper/ Cu	ILM 61 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		9.22	Potassium/K	ILM 70 AAS/2019 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		9.23	Tin/Sn	ILM 75 ICP-OES/2021 (1)(2)
		9.24	Iron/Fe	ILM 75 ICP-OES/2021 (1)(2)
		9.25	Phosphorus/P	ILM 75 ICP-OES/2021 (1)(2)
		9.26	Volatile (essential) oils (hydro distillation method)	БДС EN ISO 6571 (1)(2)
		Microbiological testing		
		9.27	Total plate count	БДС EN ISO 4833-1 (1)(2) БДС EN ISO 4833-2/A1 (1)(2)
		9.28	Listeria monocytogenes (Listeria monocytogenes)/Listeria	БДС EN ISO 11290-1 (1)(2) БДС EN ISO 11290-2 (1)(2)

<b>Type of the scope:</b> <i>Flexible for a 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
			spp.	
		9.29	Salmonella (Salmonella spp.)	БДС EN ISO 6579-1/A1 (1)(2)
		9.30	Enterobacteriaceae (Enterobacteriaceae)	БДС EN ISO 21528-2 (1)(2) БДС EN ISO 21528-1 cl. 9.2 (1)(2)
		9.31	Escherichia coli	БДС ISO 16649-1 (1)(2) БДС ISO 16649-2 (1)(2) БДС EN ISO 16649-3 cl. 9.1 (1)(2)
		9.32	Coagulase-positive staphylococci (Staphylococcus aureus)	БДС EN ISO 6888-1 (1)(2) БДС EN ISO 6888-2 (1)(2) БДС EN ISO 6888-3+A, cl. 9.1 (1)(2)
		9.33	Moulds and yeasts	БДС ISO 21527-1 (1)(2) БДС ISO 21527-2 (1)(2)
		9.34	Coliforms	ISO 4832 (1)(2) ISO 4831 cl. 9.1 (1)(2)
		9.35	Clostridium perfringens (Clostridium perfringens)	БДС EN ISO 7937 (1)(2)
		9.36	Sulfite-reducing clostridia	ISO 15213 (1)(2)
		9.37	Bacillus cereus	БДС EN ISO 7932 (1)(2)
10.	Cosmetic products.(1) Surfactants, detergents and soaps(2)	Physico- chemical tests		
		10.1	Organoleptic testing	БДС 9200 (1) БДС 3741 (1) БДС 10751 (1) /БС-I-01 Part 1 (1) /БС-I-02 Part 1 (1) /БС-I-03 Part 1 (1) /БС-I-04 Part 1 (1) /БС-I-05 Part 1 (1) /БС-I-06 Part 1 (1) БДС 1549** (2)
		10.2	Moisture and volatile substances	БДС 3741 (1) БДС ISO 672 (2)
		10.3	pH	БДС 3741 (1) БС-II-02 (1) БДС EN 1262 (2)
		10.4	Emulsion stability	БДС 3741 (1)
		10.5	Thermal stability	БДС 3741 (1) БС-I-03 Part 1 (1) БС-I-01 Part 2 (1)
		10.6	Water activity	ILM 1Novasina/2008 (1)
		10.7	Relative density	БДС ISO 279 (1)
		10.8	Refractive index	БДС ISO 280 (1)
		10.9	Butyl paraben/ Butyl parahydroxybenzoate	ILM 48 HPLC/2013 (1)
		10.10	Methyl paraben/Methyl parahydroxybenzoate	ILM 48 HPLC/2013 (1)
		10.11	Ethyl paraben/ Ethyl parahydroxybenzoate	ILM 48 HPLC/2013 (1)
		10.12	Propyl paraben/Propyl parahydroxybenzoate	ILM 48 HPLC/2013(1)

<b>Type of the scope:</b> <i>Flexible for a 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
		10.13	Isobutyl paraben/Isobutyl Parahydroxybenzoate	ILM 48 HPLC/2013 (1)
		10.14	Free ammonia	БДС 10751 (1) БС-I-01 Part 2 (1)
		10.15	Joined ammonia	БДС 10751 (1) БС-I-01 Part 2 (1)
		10.16	Hydrogen peroxide	ILM 72/2019(1)
		10.17	Cation-active substance	БДС EN ISO 2871-1 (1)(2) БДС EN ISO 2871-2 (1)(2)
		10.18	Anionic surfactants	БДС 10751 cl. 4.6.2.1 (1)(2)
		10.19	Total surfactants content	БДС 9025 (1) (2)
		10.20	Total fatty agents content	ILM 64/2014 (1) БДС ISO 685 (2)
		10.21	Water content	БДС 9200 (1) БС-I-01 Part 2 (1)
		10.22	Arsenic/ As	ILM 75 ICP-OES/2021 (1)(2)
		10.23	Mercury/Hg	ILM 75 ICP-OES/2021 (1)(2)
		10.24	Lead/ Pb	ILM 75 ICP-OES/2021 (1)(2)
		10.25	Cadmium/ Cd	ILM 75 ICP-OES/2021 (1)(2)
		10.26	Calcium/Ca	ILM 57 AAS/2014 (1) ILM 75 ICP-OES/2021 (1)
		10.27	Magnesium / Mg	ILM 58 AAS/2014 (1) ILM 75 ICP-OES/2021 (1)
		10.28	Zinc/ Zn	ILM 60 AAS/2014 (1) ILM 75 ICP-OES/2021 (1)
		10.29	Antimony/Sb	ILM 75 ICP-OES/2021 (1)(2)
		10.30	Selenium/Se	ILM 75 ICP-OES/2021 (1)(2)
		10.31	Ethanol	ILM 38 GC FID/2011 (1)(2)
		10.32	Methanol	ILM 38 GC FID/2011 (1)(2)
		10.33	Essential oil	БС-II-02 (1)
		10.34	Matter insoluble in ethanol	БДС ISO 673 (2)
		10.35	Matter insoluble in water	БДС 1549** (2)
		10.36	Free caustic alkali	БДС ISO 684 (2)
		10.37	Total alkali	БДС ISO 685 (2)
		10.38	Chlorides	БДС ISO 457 (2)
		10.39	Free fatty acids	БДС 1549** (2)
		10.40	Fatty acids	БДС 1549** (2)
		<b>Microbiological testing</b>		
		10.41	Total number of aerobic mesophilic microorganisms (bacteria, moulds and yeasts)	БДС EN ISO 21149 (1) БДС EN ISO 16212 (1)
		10.42	Total number of aerobic mesophilic microorganisms	БДС EN ISO 21149 (1)
		10.43	Moulds and yeasts	БДС EN ISO 16212 (1)
		10.44	Escherichia coli	БДС EN ISO 21150 (1)
		10.45	Pseudomonas aeruginosa (Pseudomonas aeruginosa)	БДС EN ISO 22717 (1)
		10.46	Staphylococcus aureus	БДС EN ISO 22718 (1)



<b>Type of the scope:</b> <i>Flexible for a 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
		10.47	Candida albicans	БДС EN ISO 18416 (1)
		10.48	Efficiency of a preserving system of a cosmetic product	БДС EN ISO 11930 (1)
11.	Essential oils	Physico- chemical tests		
		11.1	Relative density	БДС ISO 279
		11.2	Refractive index	БДС ISO 280
		11.3	Chromatographic profiles	БДС ISO 11024-1* БДС ISO 11024-2*
		11.4	Organoleptic testing	БДС 9200
		11.5	Arsenic/ As	ILM 75 ICP-OES/2021
		11.6	Mercury/Hg	ILM 75 ICP-OES/2021
		11.7	Lead/ Pb	ILM 75 ICP-OES/2021
		11.8	Cadmium/ Cd	ILM 75 ICP-OES/2021
		11.9	Antimony/Sb	ILM 75 ICP-OES/2021
		11.10	Selenium/Se	ILM 75 ICP-OES/2021
12.	Vegetable and animal oils and fat	Physico- chemical tests		
		12.1	Moisture and volatile substances	БДС EN ISO 662
		12.2	Acid value/ Acidity/ Free fatty acids	БДС EN ISO 660
		12.3	Peroxide value	БДС EN ISO 3960
		12.4	Relative density	БДС ISO 279
		12.5	Fatty acid content/ Saturated/ Unsaturated fatty acids	БДС EN ISO 12966-4
		12.6	Trans fatty acid isomers	БДС EN ISO 12966-4
		12.7	Arsenic/ As	ILM 75 ICP-OES/2021
		12.8	Mercury/Hg	ILM 75 ICP-OES/2021
		12.9	Nickel/ Ni	ILM 45 AAS/2012 ILM 75 ICP-OES/2021
		12.10	Sodium/ Na	ILM 47 AAS/2013 ILM 75 ICP-OES/2021
		12.11	Lead/ Pb	ILM 75 ICP-OES/2021
		12.12	Cadmium/ Cd	ILM 75 ICP-OES/2021
		12.13	Calcium/Ca	ILM 57 AAS/2014 ILM 75 ICP-OES/2021
		12.14	Magnesium / Mg	ILM 58 AAS/2014 ILM 75 ICP-OES/2021
		12.15	Chromium/ Cr	ILM 59 AAS/2014 ILM 75 ICP-OES/2021
		12.16	Zinc/ Zn	ILM 60 AAS/2014 ILM 75 ICP-OES/2021
		12.17	Copper/ Cu	ILM 61 AAS/2014 ILM 75 ICP-OES/2021
		12.18	Potassium/K	ILM 70 AAS/2019 ILM 75 ICP-OES/2021
		12.19	Tin/Sn	ILM 75 ICP-OES/2021
		12.20	Iron/Fe	ILM 75 ICP-OES/2021
		12.21	Phosphorus/P	ILM 75 ICP-OES/2021

Type of the scope: <i>Flexible for a part of the scope*</i>					
№	Tested products	Type of test/characteristic	Testing methods (standard / validated method)		
1	2	3	4		
		12.22	Unsaponifiable matter	БДС EN ISO 3596	
		12.23	Saponification value	БДС EN ISO 3657	
		12.24	Iodine value	БДС EN ISO 3961	
		12.25	Refractive index	БДС EN ISO 6320	
		12.26	Insoluble impurities content	БДС EN ISO 663	
		12.27	Ash	БДС ISO 6884	
		Microbiological testing			
		12.28	Total plate count	БДС EN ISO 4833-1 БДС EN ISO 4833-2/A1	
		12.29	Listeria monocytogenes (Listeria monocytogenes)/ Listeria spp.	БДС EN ISO 11290-1 БДС EN ISO 11290-2	
		12.30	Salmonella (Salmonella spp.)	БДС EN ISO 6579-1/A1	
		12.31	Enterobacteriaceae (Enterobacteriaceae)	БДС EN ISO 21528-2 БДС EN ISO 21528-1 cl. 9.2	
		12.32	Escherichia coli	БДС ISO 16649-1 БДС ISO 16649-2 БДС EN ISO 16649-3 cl. 9.1	
		12.33	Coagulase-positive staphylococci (Staphylococcus aureus)	БДС EN ISO 6888-1 БДС EN ISO 6888-2 БДС EN ISO 6888-3+AC cl. 9.1	
		12.34	Moulds and yeasts	БДС ISO 21527-1 БДС ISO 21527-2	
		12.35	Coliforms	ISO 4832 ISO 4831, cl. 9.1	
		12.36	Clostridium perfringens (Clostridium perfringens)	БДС EN ISO 7937	
		12.37	Sulfite-reducing clostridia	ISO 15213	
		12.38	Bacillus cereus	БДС EN ISO 7932	
13.	Oil-bearing seeds, nuts and products, produced out of them	Physico- chemical tests			
		13.1	Alfphatoxin B1 and sum of alphatoxins B1,B2, G1 and G2	БДС EN 14123 БДС EN ISO 16050	
		13.2	Fat	БДС 12896 БДС EN ISO 659	
		13.3	Moisture/ dry matter content	БДС EN ISO 665	
		13.4	Fatty acid content/ Saturated/fatty acid/Unsaturated fatty acids	ILM 63 GC FID/2014	
		13.5	Trans fatty acid isomers	ILM 63 GC FID/2014	
		13.6	Crude protein	БДС EN ISO 5983-1:2006	
		13.7	Arsenic/ As	ILM 75 ICP-OES/2021	
		13.8	Mercury/Hg	ILM 75 ICP-OES/2021	
		13.9	Nickel/ Ni	ILM 45AAS/2012	
				ILM 75 ICP-OES/2021	
		13.10	Sodium/ Na	ILM 47 AAS/2013	
				ILM 75 ICP-OES/2021	
		13.11	Lead/ Pb	ILM 75 ICP-OES/2021	
13.12	Cadmium/ Cd	ILM 75 ICP-OES/2021			
13.13	Calcium/Ca	ILM 57 AAS/2014			

<b>Type of the scope:</b> <i>Flexible for a 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
			ILM 75 ICP-OES/2021
		13.14 Magnesium / Mg	ILM 58 AAS/2014 ILM 75 ICP-OES/2021
		13.15 Chromium/ Cr	ILM 59 AAS/2014 ILM 75 ICP-OES/2021
		13.16 Zinc/ Zn	ILM 60 AAS/2014 ILM 75 ICP-OES/2021
		13.17 Copper/ Cu	ILM 61 AAS/2014 ILM 75 ICP-OES/2021
		13.18 Potassium/K	ILM 70 AAS/2019 ILM 75 ICP-OES/2021
		13.19 Tin/Sn	ILM 75 ICP-OES/2021
		13.20 Iron/Fe	ILM 75 ICP-OES/2021
		13.21 Phosphorus/P	ILM 75 ICP-OES/2021
		13.22 Crude fibres	БДС EN ISO 6865
		<b>Microbiological testing</b>	
		13.23 Total plate count	БДС EN ISO 4833-1 БДС EN ISO 4833-2/A1
		13.24 Listeria monocytogenes (Listeria monocytogenes)/ Listeria spp.	БДС EN ISO 11290-1 БДС EN ISO 11290-2
		13.25 Salmonella (Salmonella spp.)	БДС EN ISO 6579-1/A1
		13.26 Enterobacteriaceae (Enterobacteriaceae)	БДС EN ISO 21528-2 БДС EN ISO 21528-1, cl. 9.2
		13.27 Escherichia coli	БДС ISO 16649-1 БДС ISO 16649-2 БДС EN ISO 16649-3 cl. 9.1
		13.28 Coagulase-positive staphylococci (Staphylococcus aureus)	БДС EN ISO 6888-1 БДС EN ISO 6888-2 БДС EN ISO 6888-3+AC cl. 9.1
		13.29 Moulds and yeasts	БДС ISO 21527-1 БДС ISO 21527-2
		13.30 Coliforms	ISO 4832 ISO 4831, cl. 9.1
		13.31 Clostridium perfringens (Clostridium perfringens)	БДС EN ISO 7937
		13.32 Sulfite-reducing clostridia	ISO 15213
		13.33 Bacillus cereus	БДС EN ISO 7932
14.	Soft drinks	<b>Physico- chemical tests</b>	
		14.1 Acidity	БДС 3485
		14.2 Sugars	ILM 33 HPLC/2009
		14.3 Sorbic acid/Potassium sorbate	ILM 40 HPLC/2011
		14.4 Benzoic acid/Sodium benzoate	ILM 40 HPLC/2011
		14.5 Acesulfame K	БДС EN 12856
		14.6 Aspartame	БДС EN 12856
		14.7 Saccharine	БДС EN 12856
		14.8 Patulin	БДС EN 14177

**Type of the scope:** *Flexible for a part of the scope\**

№	Tested products	Type of test/characteristic	Testing methods (standard / validated method)
1	2	3	4
		14.9	Dry matter content БДС 3485
		14.10	Energy value/Caloric content БДС 3485
		14.11	Caffeine БДС ISO 20481
		14.12	Organoleptic testing БДС 3485
		14.13	Arsenic/ As ILM 75 ICP-OES/2021
		14.14	Mercury/Hg ILM 75 ICP-OES/2021
		14.15	Nickel/ Ni ILM 45 AAS/2012 ILM 75 ICP-OES/2021
		14.16	Sodium/ Na ILM 47 AAS/2013 ILM 75 ICP-OES/2021
		14.17	Lead/ Pb ILM 75 ICP-OES/2021
		14.18	Cadmium/ Cd ILM 75 ICP-OES/2021
		14.19	Calcium/Ca ILM 57 AAS/2014 ILM 75 ICP-OES/2021
		14.20	Magnesium / Mg ILM 58 AAS/2014 ILM 75 ICP-OES/2021
		14.21	Chromium/ Cr ILM 59 AAS/2014 ILM 75 ICP-OES/2021
		14.22	Zinc/ Zn ILM 60 AAS/2014 ILM 75 ICP-OES/2021
		14.23	Copper/ Cu ILM 61 AAS/2014 ILM 75 ICP-OES/2021
		14.24	Potassium/K ILM 70 AAS/2019 ILM 75 ICP-OES/2021
		14.25	Tin/Sn ILM 75 ICP-OES/2021
		Microbiological testing	
		14.26	Total plate count БДС EN ISO 4833-1 БДС EN ISO 4833-2/A1 БДС 3485
		14.27	Coliforms ISO 4832 ISO 4831 cl. 9.1 БДС 3485
		14.28	Moulds and yeasts БДС ISO 21527-1 БДС ISO 21527-2 БДС 3485
15.	Food additives	Physico- chemical tests	
		15.1	Arsenic/ As ILM 75 ICP-OES/2021
		15.2	Mercury/Hg ILM 75 ICP-OES/2021
		15.3	Nickel/ Ni ILM 45 AAS/2012 ILM 75 ICP-OES/2021
		15.4	Sodium/ Na ILM 47 AAS/2013 ILM 75 ICP-OES/2021
		15.5	Lead/ Pb ILM 75 ICP-OES/2021
		15.6	Cadmium/ Cd ILM 75 ICP-OES/2021
		15.7	Calcium/Ca ILM 57 AAS/2014 ILM 75 ICP-OES/2021
		15.8	Magnesium / Mg ILM 58 AAS/2014 ILM 75 ICP-OES/2021
		15.9	Chromium/ Cr ILM 59 AAS/2014

<b>Type of the scope:</b> <i>Flexible for a 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
				ILM 75 ICP-OES/2021
		15.10	Zinc/ Zn	ILM 60 AAS/2014 ILM 75 ICP-OES/2021
		15.11	Copper/ Cu	ILM 61 AAS/2014 ILM 75 ICP-OES/2021
		15.12	Potassium/K	ILM 70 AAS/2019 ILM 75 ICP-OES/2021
		15.13	Antimony/Sb	ILM 75 ICP-OES/2021
		15.14	Selenium/Se	ILM 75 ICP-OES/2021
		15.15	Tin/Sn	ILM 75 ICP-OES/2021
		15.16	Manganese/Mn	ILM 75 ICP-OES/2021
		15.17	Iron/Fe	ILM 75 ICP-OES/2021
		15.18	Phosphorus/P	ILM 75 ICP-OES/2021
		15.19	Aluminium/Al	ILM 75 ICP-OES/2021
		Microbiological testing		
		15.20	Total plate count	БДС EN ISO 4833-1 БДС EN ISO 4833-2/A1
		15.21	Listeria monocytogenes (Listeria monocytogenes)/ Listeria spp.	БДС EN ISO 11290-1 БДС EN ISO 11290-2
		15.22	Salmonella (Salmonella spp.)	БДС EN ISO 6579-1/A1
		15.23	Enterobacteriaceae (Enterobacteriaceae)	БДС EN ISO 21528-2 БДС EN ISO 21528-1, cl. 9.2
		15.24	Escherichia coli	БДС ISO 16649-1 БДС ISO 16649-2 БДС EN ISO 16649-3 cl. 9.1
		15.25	Coagulase-positive staphylococci (Staphylococcus aureus)	БДС EN ISO 6888-1 БДС EN ISO 6888-2 БДС EN ISO 6888-3+AC cl. 9.1
		15.26	Moulds and yeasts	БДС ISO 21527-1 БДС ISO 21527-2
		15.27	Coliforms	ISO 4832 ISO 4831 cl. 9.1
		15.28	Clostridium perfringens (Clostridium perfringens)	БДС EN ISO 7937
		15.29	Sulfite-reducing clostridia	ISO 15213
		15.30	Bacillus cereus	БДС EN ISO 7932
		15.31	Bifidobacteria	ISO 29981
16.	Honey(1). Bee products(2)	Physico- chemical tests		
		16.1	Organoleptic testing	БДС 3050 (1)
		16.2	Water content	БДС 3050 (1)
		16.3	Reducing sugars	ILM 33 HPLC/2009 (1)
		16.4	Sucrose	ILM 33 HPLC/2009 (1)
		16.5	Water insoluble matter (impurities)	БДС 3050 (1)
		16.6	Mineral substances /Ash	БДС 3050 (1)
		16.7	Total (Free) acidity	ILM 73/2019(1)
		16.8	Diastase activity after Gote	БДС 3050 (1)
		16.9	Diastase activity after Shade	ILM 73/2019(1)

**Type of the scope:** *Flexible for a part of the scope\**

№	Tested products	Type of test/characteristic	Testing methods (standard / validated method)
1	2	3	4
		16.10	Hydroxymethylfurfural (HMF) ILM 69 HPLC/2019 (1)
		16.11	Electrical conductivity ILM 73/2019(1)
		16.12	pH ILM 73/2019(1)
		16.13	Arsenic/ As ILM 75 ICP-OES/2021 (1)(2)
		16.14	Mercury/Hg ILM 75 ICP-OES/2021 (1)(2)
		16.15	Nickel/ Ni ILM 45 AAS/2012 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		16.16	Sodium/ Na ILM 47 AAS/2013 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		16.17	Lead/ Pb ILM 75 ICP-OES/2021 (1)(2)
		16.18	Cadmium/ Cd ILM 75 ICP-OES/2021 (1)(2)
		16.19	Calcium/Ca ILM 57 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		16.20	Magnesium / Mg ILM 58 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		16.21	Chromium/ Cr ILM 59 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		16.22	Zinc/ Zn ILM 60 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		16.23	Copper/ Cu ILM 61 AAS/2014 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		16.24	Potassium/K ILM 70 AAS/2019 (1)(2) ILM 75 ICP-OES/2021 (1)(2)
		16.25	Antimony/Sb ILM 75 ICP-OES/2021 (1)(2)
		16.26	Selenium/Se ILM 75 ICP-OES/2021 (1)(2)
		16.27	Tin/Sn ILM 75 ICP-OES/2021 (1)(2)
		Microbiological testing	
		16.28	Total plate count БДС EN ISO 4833-1 (1)(2) БДС EN ISO 4833-2/A1 (1)(2)
		16.29	Listeria monocytogenes (Listeria monocytogenes)/ Listeria spp. БДС EN ISO 11290-1 (1)(2) БДС EN ISO 11290-2 (1)(2)
		16.30	Salmonella (Salmonella spp.) БДС EN ISO 6579-1/A1 (1)(2)
		16.31	Enterobacteriaceae (Enterobacteriaceae) БДС EN ISO 21528-2 (1)(2) БДС EN ISO 21528-1 cl. 9.2 (1)(2)
		16.32	Escherichia coli БДС ISO 16649-1 (1)(2) БДС ISO 16649-2 (1)(2) БДС EN ISO 16649-3 cl. 9.1 (1)(2)
		16.33	Coagulase-positive staphylococci (Staphylococcus aureus) БДС EN ISO 6888-1 (1)(2) БДС EN ISO 6888-2 (1)(2) БДС EN ISO 6888-3+AC cl. 9.1 (1)(2)
		16.34	Moulds and yeasts БДС ISO 21527-1 (1)(2) БДС ISO 21527-2 (1)(2)
		16.35	Coliforms ISO 4832 (1)(2) ISO 4831 cl. 9.1 (1)(2)
		16.36	Clostridium perfringens БДС EN ISO 7937 (1)(2)

<b>Type of the scope:</b> <i>Flexible for a 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
			(Clostridium perfringens)	
		16.37	Sulfite-reducing clostridia	ISO 15213 (1)(2)
		16.38	Bacillus cereus	БДС EN ISO 7932 (1)(2)

**\*Flexible scope:**

-Implementing a new version of standards/documents or standards / documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by laboratory.

-Within the scope of its competence the laboratory is authorized to determine all characteristics (column 3) based on the test methods stated (column 4), belonging to the product group (column 2) after verification/validation, provision of CRM/RM and calibrated technical equipment. The laboratory keeps a detailed, dated list of the products and characteristics, belonging to the products and characteristics, falling within the scope of accreditation.

\*\* Repealed but not replaced standard.

**References:**

1. Regulation (EU) № 1169/2011 on the provision of food information to consumers.
2. Commission Regulation (EU) № 118/2010 of 09.02.2010 amending Regulation (EC) № 900/2008 laying down the methods of analysis and other technical provisions necessary for the application of the arrangements for imports of certain goods resulting from the processing of agricultural products
3. ILM 1 Novasina/2008 Water activity.
4. ILM 2 UV-VIS/2008 Nitrites in meat and meat products.
5. ILM 3 UV-VIS/2008 Nitrites in water.
6. ILM 4 UV-VIS/2008 Sulphates in water.
7. ILM 5UV-VIS/2008 Ammonium ion in water.
8. ILM 6 UV-VIS/2008 Aluminium in water.
9. ILM 7 UV-VIS/2008 Iron in water.
10. ILM 8 UV-VIS/2008 Nitrates in water.
11. ILM 9 UV-VIS/2008 Chlorides in water.
12. ILM 10 UV-VIS/2008 Manganese in water.
13. ILM 12 UV-VIS/2009 Phosphates in water.
14. ILM 22/2009 Calculation of carbohydrates content in food.
15. ILM 23 UV-VIS/2009 Free chlorine residual in water
16. ILM 32 UV-VIS/2009 Fluorides in water
17. ILM 33 HPLC/2009 Sugars/lactose, glucose, sucrose, fructose HPLC method.
18. ILM 34 UV-VIS/2009 Total hardness of water.
19. ILM 38 GC FID/2011 GC FID Determination of ethanol and methanol method.
20. ILM 40 HPLC/2011 Determination of benzoic acid and sorbic acid in food and drinks HPLC method.
21. ILM 41 AAS/2012 Arsenic/As. Atomic Absorption Spectrometry method.
22. ILM 42 AAS/2012 Mercury/Hg. Atomic Absorption Spectrometry method (hydride system).
23. ILM 45 AAS/2012 Nickel/ Ni. Atomic Absorption Spectrometry method.
24. ILM 47 AAS/2013 Sodium/ Na. Atomic Absorption Spectrometry method.
25. ILM 48 HPLC/2013 Determination of parabens HPLC method.
26. ILM 55 AAS/2014 Lead/ Pb. Atomic Absorption Spectrometry method.
27. ILM 56 AAS/2014 Cadmium/ Cd Atomic Absorption Spectrometry method.
28. ILM 57 AAS/2014 Calcium/ Ca. Atomic Absorption Spectrometry method.

29. ILM 58 AAS/2014 Magnesium / Mg. Atomic Absorption Spectrometry method.
30. ILM 59 AAS/2014 Chromium/ Cr. Atomic Absorption Spectrometry method.
31. ILM 60 AAS/2014 Zinc/Zn. Atomic Absorption Spectrometry method.
32. ILM 61 AAS/2014 Copper/Cu. Atomic Absorption Spectrometry method.
33. ILM 63 GC FID/2014 Food products cold fat extraction methodology (Bleich-Dauer), fatty acid content and trans fatty acid isomers in food.
34. ILM 64/2014 Total fatty agents content in cosmetic products.
35. ILM 69 HPLC/2019 Determination of hydroxymethylfurfural HPLC method.
36. ILM 70 AAS/2019 Potassium/K. Atomic Absorption Spectrometry method.
37. ILM 71 Kjeldahl/2019 Protein determination on the basis of the Kjeldahl method.
38. ILM 72/2019 Hydrogen peroxide determination in cosmetic products.
39. ILM 73/2019 Honey. Physico- chemical test methods.
40. ILM 75 ICP-OES/2021 Elemental Composition ICP-OES
41. ILM 76 HPLC/2021 HPLC Method for determination of mycotoxins in food

### I ORDER

To issue the certificate of accreditation reg. № 134 ЛИ/09.11.2022, valid until 16.07.2025, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager/representative of Komihris Ltd, Plovdiv, the head of the Komihris Analytical Centre for Laboratory Tests, at Komihris Ltd, Plovdiv, 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 № 134 ЛИ/16.07.2021, valid until 16.07.2025 and its enclosure – EA BAS order reg. № A 409/16.07.2021 as an integral part of it.

This order shall be notified to Komihris Ltd, Plovdiv, within 3 (three) days from its issuance.

**Eng. Irena Borislavova**

*Executive Director of EA BAS*

