

APPROVED
on 2022-03-21 by the Order No.
VK-106 of Director of National
public health surveillance laboratory

NATIONAL PUBLIC HEALTH SURVEILLANCE LABORATORY

Zolyno str. 36, Vilnius
Antakalnio str. 10, Vilnius
Ausros str. 44, Kaunas
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RELEVANT SCOPE OF ACCREDITATION (flexible)*

CHEMICAL TESTING DIVISION, Zolyno str. 36, Vilnius

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Materials and articles in contact with foodstuffs: plastics	Copper, iron, lithium, manganese, zinc content	CHS-SVP-131:2020 (1 edition)	Atomic absorption spectrometry (AAS) method
	Overall migration into 3 % acetic acid	LST EN 1186-3:2002	Gravimetric method
	Overall migration into ethanol		
	Overall migration into 3 % acetic acid	LST EN 1186-9:2002	Gravimetric method
	Overall migration into ethanol		
	Overall migration into isooctane	LST EN 1186-14:2002, except cl. 4, 5	Gravimetric method
	Overall migration into 95 % ethanol		
Formaldehyde content (in 3 % acetic acid)	LST CEN/TS 13130-23:2006, except cl. 6.1.2.1, 6.1.3, 6.3.2, 9.4.1.1.	Spectrophotometric method	
Materials and articles in contact with foodstuffs: ceramic ware	Lead, cadmium content	LST EN 1388-1:2000, except cl. p. 10.1, LST EN 1388-1:2000/P:2004	Atomic absorption spectrometry (AAS) method
Materials and articles in contact with foodstuffs: silicate surfaces other than ceramic ware	Lead, cadmium content	LST EN 1388-2:2000, except cl. p. 10.3, LST EN 1388-2:2000/P:2004	Atomic absorption spectrometry (AAS) method
Materials and articles in contact	Lead, cadmium content	LST EN 12498:2019	Atomic absorption spectrometry (AAS) method

with foodstuffs: paper and cardboard	Mercury content	LST EN 12497:2005	Atomic absorption spectrometry (AAS) method
Materials and articles in contact with foodstuffs: polymeric coatings on metal substrates	Overall migration into 3 % acetic acid	LST CEN/TS 14235:2006, except cl. 6.4, 7.1.7, 9.4, 9.5, 10.	Gravimetric method
	Overall migration into isooctane		
	Overall migration into 95 % ethanol		
Water: drinking, underground, surface	Dry residue at 180 °C temperature	CHS-SVP-112:2019 (1 edition)	Gravimetric method
	Turbidity	LST EN ISO 7027- 1:2016, except cl. 5.4	Nephelometric method
	Permanganate index	LST EN ISO 8467:2000	Titrimetric method
	Colour	LST EN ISO 7887:2012, method C	Spectrophotometric method
Water: surface, underground, pool	Turbidity	CHS-SVP 128:2021 (1 edition)	Spectrophotometric method
Water: surface, underground, waste	Suspended solids	LST EN 872:2005	Gravimetric method
Water: drinking, underground, surface, pool, waste, other water	pH value	LST EN ISO 10523:2012, except cl. 8	Potentiometric method
	Ammonium content	LST ISO 7150-1:1998	Spectrophotometric method
	Free chlorine content	LST EN ISO 7393- 2:2018, except cl. 9.5	Spectrophotometric method
Water: drinking, underground, surface, pool, waste	Electrical conductivity	LST EN 27888:1999	Conductometric method
	Nitrogen content	LST EN ISO 11905- 1:2000, except cl.9.6-9.9	Spectrophotometric method
	Kjeldahl nitrogen content	LST EN 25663:2000, except cl.11	Kjeldahl method, Titrimetric method
	Anionic surfactants content	LST EN 903:2000, except cl. 7.1	Spectrophotometric method
	Boron content	LST ISO 9390:1998	Spectrophotometric method
	Total alkalinity, Composite alkalinity, Bicarbonate content	LST EN ISO 9963- 1:1999, except cl. 8.1	Titrimetric method
	Biochemical oxygen demand (BOD)	LST EN ISO 5815- 1:2019, except cl.9.6.1; LST EN 1899-2:2000, except cl.7.2.1	Potentiometric method
	Chemical oxygen demand (COD)	LST ISO 6060:2003	Titrimetric method
	Chloride content	LST ISO 9297:1998	Titrimetric method
	Dissolved oxygen content	LST EN ISO 5814:2012, except cl.7.1	Potentiometric method
	Orthophosphate and total phosphorus content	LST EN ISO 6878:2004, cl.4, 7	Spectrophotometric method
	Nitrite content	LST EN 26777:1999	Spectrophotometric method
	Nitrate content	LST ISO 7890-3:1998	Spectrophotometric method

	Nitrate content	CHS-SVP 19:2021 (1 edition)	Spectrophotometric method
	Grease content	CHS-SVP-124:2021 (1 edition)	The Soxhlet method, Gravimetric method
Water: drinking, underground, surface	Iron (total) content	LST ISO 6332:1995, except cl. 7.1.2, 7.2, 7.3	Spectrophotometric method
	Cyanide (total) content	LST ISO 6703-1:1998, s. 2	Spectrophotometric method
	Fluoride content	LST ISO 10359-1:1998	Potentiometric method
	Calcium content	LST ISO 6058:1998, LST ISO 6058:1998/P:2008	Titrimetric method
	Magnesium content	LST ISO 6059:1998, LST ISO 6059:1998/P:2008	Calculation method
	Total hardness (the sum of calcium and magnesium)	LST ISO 6059:1998, LST ISO 6059:1998/P:2008	Titrimetric method
Water: drinking, surface, underground	Sodium content	LST ISO 9964-1:1998	Atomic absorption spectrometry (AAS) method
Water: drinking, surface, underground, waste	Copper, zinc content	LST ISO 8288:1998, A method, LST ISO 8288:1998/P:2009	Atomic absorption spectrometry (AAS) method
	Content of arsenic, lead, cadmium, aluminum, manganese, nickel, selenium, antimony, chromium	LST EN ISO 15586:2004, except cl. 10.2	Atomic absorption spectrometry (AAS) method
	Chloride, nitrate, sulphate content	LST EN ISO 10304-1:2009	Ion chromatography (IC) method
	Benzpyrene content	LST EN ISO 17993:2004, LST EN ISO 17993:2004/P:2009	high performance liquid chromatography (HPLC) method
	Aldrin, dieldrin, heptachlor, heptachlor-endo-epoxide, heptachlor-exo-epoxide content	LST EN ISO 6468:2000, except cl. 7.2.1, 7.3.1, 7.5.2, 8.2.	Gas chromatography (GC) method
Water: drinking, surface, waste	Ethyl parathion (parathion), malathion content	LST EN 12918:2000, except cl. 8.3, 8.5.3, 8.5.4, 9.1.2, 9.1.3.	Gas chromatography (GC) method
Water: drinking, surface, underground, pool, waste	Chloroform, bromodichloromethane, dibromochloromethane, bromoform, trichloroethene, tetrachloroethene content	LST EN ISO 10301:2000, except cl. 2.7.2 and s. 3.	Gas chromatography (GC) method
Water: surface, underground, waste	Hydrocarbon oil index	LST EN ISO 9377-2:2002	Gas chromatography (GC) method
Meat and meat products	Nitrogen content	LST ISO 937:2000	Kjeldahl method, Titrimetric method

	Protein content	LST ISO 937:2000, Regulation of the European Parliament and of the Council (EU) No. 1169/2011, I annex cl. 10	Kjeldahl method, Titrimetric method. Calculation method. The nitrogen content obtained by the Kjeldahl method is multiplied by the factor 6.25
	Moisture content	LST ISO 1442:2000	Gravimetric method
	Ash content	LST ISO 936:2000, except cl. 9.3, LST ISO 936:2000/P:2002	Gravimetric method
	Fat content	LST ISO 1443:2000	The Soxhlet method, Gravimetric method
Food products and dishes	Fat content	CHS-SVP-147:2019 (1 edition)	The Soxhlet method, Gravimetric method
	Protein content /Nitrogen content	CHS-SVP-148:2019 (1 edition)	Kjeldahl method, Titrimetric method
	Ash content	CHS-SVP-149:2019 (1 edition)	Gravimetric method
	Moisture content/ Dry matter content	CHS-SVP-150:2019 (1 edition)	Gravimetric method
Food products and dishes	Carbohydrate content, Energy value	CHS-SVP-151:2019 (1 edition)	Calculation method
Air: workplace	Hydrogen chloride content	CHS-SVP 5.4-58:2017 (6 edition)	Spectrophotometric method
	Dust (particulate matter), dust (inhalable and respirable fraction) content	CHS-SVP 2:2021 (1 edition), except ch. IX	Gravimetric method
Air: workplace	Welding aerosols content	CHS-SVP 2:2021 (1 edition), except ch. IX	Gravimetric method
Air: ambient and indoor	Dust (particulate matter) content	CHS-SVP 2:2021 (1 edition), except ch. VIII	Gravimetric method
Air: ambient, workplace, indoor	Odour concentration	LST EN 13725:2004, LST EN 13725:2004+AC:2006, LST EN 13725:2004/P:2008	Olfactometric method
	Ammonia content	CHS-SVP 74:2021 (1 edition)	Spectrophotometric method
	Nitric oxide, nitrogen dioxide content	CHS-SVP 5.4-75:2017 (3 edition)	Spectrophotometric method
	Formaldehyde content	CHS-SVP 88:2021 (1 edition)	Spectrophotometric method
	Chlorine content	CHS-SVP 79:2021 (1 edition)	Spectrophotometric method
	Sulfur dioxide content	CHS-SVP 57:2021 (1 edition)	Spectrophotometric method
	Hydrogen sulfide content	CHS-SVP 5.4-99:2017 (5 edition)	Spectrophotometric method
	Asbestos and other inorganic fibres content	ISO 8672:2014	Phase contrast optical microscopy method

Sludge, treated bio-waste, soil	pH value	ISO 10390:2021, except cl. 5.3	Potentiometric method
	Nitrogen (total) content	ISO 11261:1995, LST EN 13654-1:2002, except cl. 8.9	Kjeldahl method, Titrimetric method
Sludge, treated bio-waste, Soil, waste	Dry matter content /Moisture content	LST EN 15934:2012, method A	Gravimetric method
	Loss of ignition (organic matter) content	LST EN 15935:2021	Gravimetric method
Kaunas department, Chemistry subsection, Kaunas, Ausros str. 44			
Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Water: drinking, underground, surface, pool	Ammonium content	LST ISO 7150-1:1998	Spectrophotometric method
	pH value	LST EN ISO 10523:2012, except cl. 8	Potentiometric method
	Turbidity	CHP-K-SVP-1:2019 (1 edition)	Spectrophotometric method
Water: drinking, underground, surface	Nitrite content	LST EN 26777:1999	Spectrophotometric method
	Nitrate content	LST ISO 7890-3:1998	Spectrophotometric method
	Iron (total) content	LST ISO 6332:1995, except cl. 7.1.2, 7.2, 7.3	Spectrophotometric method
	Manganese content	LST ISO 6333:1998	Spectrophotometric method
	Chloride content	LST ISO 9297:1998	Titrimetric method
	Electrical conductivity	LST EN 27888:1999	Conductometric method
	Total hardness (the sum of calcium and magnesium). Magnesium content.	LST ISO 6059:1998, LST ISO 6059:1998/P:2008	Titrimetric method
Calcium content	LST ISO 6058:1998, LST ISO 6058:1998/P:2008	Titrimetric method	
Water: drinking, underground	Sulphate content	CHP-K-SVP-2:2019 (1 edition)	Spectrophotometric method
Water: drinking, underground, pool	Permanganate index	LST EN ISO 8467:2000	Titrimetric method
	Free and total chlorine content	LST EN ISO 7393- 1:2000	Titrimetric method
Air: workplace	Welding aerosols content	CHT-SVP-2:2021 (1 edition), except ch. IX	Gravimetric method
	Dust (particulate matter), dust (inhalable and respirable fraction) content		
Air: ambient and indoor	Dust (particulate matter) content	CHT-SVP-2:2021 (1 edition), except ch. VIII	Gravimetric method
Klaipeda department, Chemistry subsection, Klaipeda, Bijunu str. 6			
Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document	Techniques, methods and/or equipment used

		specifying test methods, clause	
Water: drinking, surface underground, pool, waste	Nitrite content	LST EN 26777:1999	Spectrophotometric method
	Ammonium content	LST ISO 7150-1:1998	Spectrophotometric method
	Orthophosphate and total phosphorus content	LST EN ISO 6878:2004, cl. 4, 7	Potentiometric method
	pH value	LST EN ISO 10523:2012, except cl. 8	Potentiometric method
Water: drinking, surface, underground, waste	Electrical conductivity	LST EN 27888:1999	Conductometric method
	Nitrate content	LST ISO 7890-3:1998	Spectrophotometric method
Water: drinking, underground, pool	Turbidity	CHP-KL-SVP-3:2021 (2 edition)	Spectrophotometric method
Water: drinking, underground, surface	Nitrate content	CHP-KL-SVP-1:2021 (2 edition)	Spectrophotometric method
	Permanganate index	LST EN ISO 8467:2000	Titrimetric method
	Iron (total) content	LST ISO 6332:1995, except cl. 7.1.2, 7.2, 7.3	Spectrophotometric method
Water: surface, underground, pool, waste	Dissolved oxygen content	LST EN ISO 5814:2012, except cl. 7.1	Potentiometric method
	Anionic surfactants content	LST EN 903:2000, except cl. 7.1	Spectrophotometric method
Water: surface underground, waste	Fat and oil content	CHP-KL-SVP-2:2020 (1 edition)	Soxhlet, gravimetric method
	Biochemical oxygen demand (BOD)	LST EN ISO 5815-1:2019, except cl. 9.6.1	Potentiometric method
	Chemical oxygen demand (COD)	LST ISO 6060:2003	Titrimetric method
	Suspended solids	LST EN 872:2005	Gravimetric method
	Kjeldahl nitrogen content	LST EN 25663:2000, except cl. 11	Kjeldahl method, Titrimetric method
	Nitrogen content	CHP-KL-SVP-4:2019 (1 edition)	Calculation method
Siauliai department, Chemistry subsection, Siauliai, Dubijos str. 40			
Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Water: drinking, underground, surface, pool	Permanganate index	LST EN ISO 8467:2000	Titrimetric method
	Ammonium content	LST ISO 7150-1:1998	Spectrophotometric method
	Nitrite content	LST EN 26777:1999	Spectrophotometric method
	Nitrate content	CHP-S-SVP-1:2020 (2 edition)	Spectrophotometric method
	Colour	LST EN ISO 7887:2012, method C	Spectrophotometric method
	Iron (total) content	LST ISO 6332:1995,	Spectrophotometric method

		except cl. 7.1.2, 7.2, 7.3.	
	pH value	LST EN ISO 10523:2012, except cl. 8.	Potentiometric method
	Electrical conductivity	LST EN 27888:1999	Conductometric method
	Total hardness (the sum of calcium and magnesium)	LST ISO 6059:1998, LST ISO 6059:1998/P:2008	Titrimetric method
Beer	Determination of alcohol content, real and original extract	LST 1572:2004, LST 1572:2004/1K:2008 LST 1572:2004/P:2021	Gravimetric method
	Determination of acidity	LST 1990:2007, cl. 1, 2, 3, 4, 5, 7	Titrimetric method
Wort and beer	Colour	LST 1490:2006	Spectrophotometric method
Bread and bakery goods	Moisture content	LST 1492:2013, except cl. 5.	Gravimetric method
Bakery goods and confectionery	Determination of acidity	LST 1553:1998, except cl. 8, 9, 10.	Titrimetric method
	Fat content	LST AOAC 922.06+AOAC 963.15:2003, cl. 1, 2, 3.5.1, 4, LST AOAC 922.06+AOAC 963.15:2003/P:2004, LST AOAC 922.06+AOAC 963.15:2003/1K:2013	Soxhlet, gravimetric method
Confectionery	Moisture and total solids content	LST 1611:2000, except cl. 7.	Gravimetric method
Meat and meat products	Moisture content	LST ISO 1442:2000	Gravimetric method
	Chloride content	LST ISO 1841-1:1997	Titrimetric method
	Fat content	LST ISO 1443:2000	Soxhlet, gravimetric method
	Nitrogen content	LST ISO 937:2000	Kjeldahl method, Titrimetric method
	Protein content	LST ISO 937:2000, Regulation of the European Parliament and of the Council (EU) No. 1169/2011, I annex cl. 10	Kjeldahl method, Titrimetric method. Calculation method. The nitrogen content obtained by the Kjeldahl method is multiplied by the factor 6.25.
	Ash content	LST ISO 936:2000, except cl. 9.2, LST ISO 936:2000/P:2002	Gravimetric method
Food	Fat content,	CHP-S-SVP-2:2021 (2 edition)	Soxhlet, gravimetric method; Kjeldahl method, Titrimetric method;
	Protein content		
	Moisture and total solids content		

	Ash / mineral matter content Carbohydrate content, energy value		Gravimetric method; Calculation method.
MICROBIOLOGICAL TESTING DIVISION, Zolyno str. 36, Vilnius			
Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Water from water supply, borehall water, mineral water, water closed in containers (bottled), well water	Enumeration of culturable micro-organisms	LST EN ISO 6222:2001	Enumeration method. Pour plate technique
Water from water supply, borehall water, well water, spring water, mineral water, water closed in containers (bottled)	Enumeration of intestinal enterococci	LST EN ISO 7899-2:2001	Enumeration method. Membrane filtration principle
Water from water supply, borehall water, well water, spring water, mineral water, water closed in containers (bottled), pool water	Enumeration of <i>Escherichia coli</i> ; Enumeration of coliforms	LST EN ISO 9308-1:2014 LST EN ISO 93081:2014/A1:2017	Enumeration method. Membrane filtration principle
Water from water supply, borehall water, well water, spring water, mineral water, water closed in containers (bottled), pool water, swimming holes and open waters.	Most probable number of <i>Escherichia coli</i> ; Most probable number of <i>coliform bacteria</i>	LST EN ISO 9308-2:2014	Enumeration method. Most probable number principle
Mineral water, water closed in	Enumeration of <i>Pseudomonas aeruginosa</i>	LST EN ISO 16266:2008	Enumeration method. Membrane filtration principle

containers (bottled), pool water			
Mineral water	Enumeration of the spores of sulfite-reducing anaerobes (<i>Clostridia</i>)	LST EN 26461-2:2001	Enumeration method. Membrane filtration principle
Bathing water, pool water, water from water supply, well water	Detection of <i>Salmonella</i> spp.	LST EN ISO 19250:2013	Detection method. Enrichment and surface inoculation principles
Pool water, water from hydrotherapy, mineral water baths	Enumeration of <i>Staphylococcus aureus</i>	M-VMP-SVP-23:2019 (1 edition)	Enumeration method. Membrane filtration principle
Chemical disinfectants and antiseptics	Evaluation of bactericidal activity (using <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i>)	LST EN 1040:2006	Enumeration method. Membrane filtration principle
Chemical disinfectants and antiseptics	Evaluation of yeasticidal or fungicidal activity (using <i>Aspergillus brasiliensis</i> or <i>Candida albicans</i>)	LST EN 1275:2006	Enumeration method. Membrane filtration principle
Chemical disinfectants and antiseptics, except handwash products and disinfectants for medicine	Evaluation of bactericidal activity (using <i>Escherichia coli</i> , <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>)	LST EN 1276:2019	Enumeration method. Membrane filtration principle Research conditions: contact time 5 minutes, at 20 °C temperature
Chemical disinfectants and antiseptics, except for medicine	Evaluation of fungicidal or yeasticidal activity (using <i>Aspergillus brasiliensis</i> or <i>Candida albicans</i>)	LST EN 1650:2019	Enumeration method. Membrane filtration principle Research conditions: contact time 15 minutes, at 20 °C temperature
Chemical disinfectants and antiseptics in the medical area	Evaluation of micobactericidal activity (using <i>Mycobacterium avium</i> and <i>Mycobacterium terrae</i>); Evaluation of tuberculocidal activity (using <i>Mycobacterium terrae</i>)	LST EN 14348:2005	Enumeration method. Surface inoculation principle
Sterile medical devices in definition, validation and maintenance of a sterilization process	Sterility	LST EN ISO 11737-2:2020	Method for determination of sterility 1. Inoculation into a liquid medium principle 2. Swab method inoculation into a liquid medium principle

			3. Membrane filtration and placing of the membrane filter into liquid medium principle
Sterile pharmaceutical products	Sterility	M-NTP-SVP-1:2019 (1 edition)	Method for determination of sterility. 1. Inoculation into a liquid medium principle 2. Membrane filtration and placing of the membrane filter into liquid medium principle
Non-sterile pharmaceutical products	The total aerobic microbial count; Yeast and moulds count; Detection of bile-tolerant gram-negative bacteria; Probable number of bile-tolerant gram-negative bacteria; Detection of <i>Escherichia coli</i> ; Probable number of <i>Escherichia coli</i> ; Detection of <i>Salmonella</i> spp. 10 g/ml; Detection of <i>Salmonella</i> spp. 25 g/ml; Detection of <i>Pseudomonas aeruginosa</i> ; Detection of <i>Staphylococcus aureus</i>	M-NTP-SVP-2:2019 (1 edition)	Enumeration methods. 1. Pour plate technique 2. Membrane filtration principle Enumeration methods. 1. Surface inoculation principle 2. Membrane filtration Principle Detection method. Enrichment and surface inoculation principles Enumeration method. Probable number principle Detection method. Enrichment and surface inoculation principles Enumeration method. Probable number principle Detection method. Enrichment and surface inoculation principles Detection method. Enrichment and surface inoculation principles

Air	The total aerobic microbial count; Yeast and moulds count; Enumeration of <i>Candida albicans</i> ; Enumeration of bile-tolerant gram-negative bacteria; Enumeration of <i>Escherichia coli</i> ; Enumeration of <i>Pseudomonas aeruginosa</i> ; Enumeration of <i>Staphylococcus aureus</i> ; Enumeration of coagulase negative staphylococcus species.	M-NTP-SVP-5:2022 (2 edition)	Enumeration methods. 1. Sedimentation principle 2. Aspiration principle
Swabs takes from surfaces not associated with food	The total aerobic microbial count; Enumeration of yeast and moulds; Detection of yeast and moulds; Detection of bile-tolerant gram-negative bacteria; Enumeration of <i>Escherichia coli</i> ; Enumeration of <i>Pseudomonas aeruginosa</i> ; Enumeration of <i>Staphylococcus aureus</i> ; Enumeration of coagulase negative staphylococcus species; Sterility;	M-NTP-SVP-6:2022 (2 edition)	Enumeration methods. 1. Pour plate technique 2. Contact plate principle Enumeration methods. 1. Surface inoculation principle 2. Contact plate principle Detection method. Enrichment and surface inoculation principles Detection method. Enrichment and surface inoculation principles Detection method. Enrichment and surface inoculation principles Detection method. Enrichment and surface inoculation principles Detection method. Enrichment and surface inoculation principles Detection method. Enrichment and surface inoculation principles Method for determination of sterility. Inoculation into a liquid medium principle

	Detection of coliform bacteria;		Detection method. Inoculation into a liquid medium principle
	Detection of intestinal enterococci		Detection method. Enrichment and surface inoculation principles
Biological indicators for autoclaves control evaluation	Detection of <i>Bacillus atropheus</i> spores; Detection of <i>Geobacillus stearothermophilus</i> spores	M-NTP-SVP-3:2019 (1 edition)	Detection method. Enrichment into a liquid medium principle
Biological indicators for autoclaves control evaluation	Detection of viable spores of <i>Bacillus atropheus</i> ; Detection of viable spores of <i>Geobacillus stearothermophilus</i>	M-NTP-SVP-4:2019 (1 edition)	Enumeration method. Pour plate technique
Non-sterile respiratory system and their parts	The total number of microorganisms	M-NTP-SVP-13:2019 (1 edition)	Enumeration method. Membrane filtration principle
Therapeutic mud	The total number of microorganisms; Detection of <i>Escherichia coli</i> ; Detection of <i>Staphylococcus aureus</i> ; Detection of <i>Pseudomonas aeruginosa</i> ; Detection of sulphite-reducing clostridia; Detection of <i>Salmonella</i> spp. 25 g/ml	M-NTP-SVP-12:2021 (3 edition)	Enumeration method. Pour plate technique Detection method. Enrichment and surface inoculation principles Detection method. Enrichment and surface inoculation principles Detection method. Enrichment and surface inoculation principles Detection method. Enrichment principle and pour plate technique Detection method. Enrichment and surface inoculation principles
Cosmetics	Enumeration of aerobic mesophilic bacteria; Detection of aerobic mesophilic bacteria	LST EN ISO 21149:2017	Enumeration method. Pour plate technique Detection method. Pour plate technique
Cosmetics	Detection of <i>Escherichia coli</i>	LST EN ISO 21150:2016	Detection method. Enrichment and surface inoculation principles
Cosmetics	Detection of <i>Pseudomonas aeruginosa</i>	LST EN ISO 22717:2016	Detection method. Enrichment and surface inoculation principles

Cosmetics	Detection of <i>Staphylococcus aureus</i>	LST EN ISO 22718:2016	Detection method. Enrichment and surface inoculation principles
Cosmetics	Detection of <i>Candida albicans</i>	LST EN ISO 18416:2016	Detection method. Enrichment and surface inoculation principles
Cosmetics	Detection of specified and non-specified microorganisms	LST EN ISO 18415:2017	Detection method. Enrichment and surface inoculation principles
Food	Detection of coliforms	LST ISO 4831:2006	Detection method. Inoculation into a liquid medium principle
Food	Most probable number of coliforms		Enumeration method. Most probable number principle
Food	Enumeration of coliforms	LST ISO 4832:2006	Enumeration method. Pour plate technique
Food	Enumeration of microorganisms or Aerobic colony count	LST EN ISO 4833-1:2013 LST EN ISO 4833-1:2013 /A1:2022	Enumeration method. Pour plate technique
Food	Detection of <i>Salmonella</i> spp.	LST EN ISO 6579-1:2017; LST EN ISO 6579-1:2017/A1:2020	Detection method. Enrichment and surface inoculation principles
Food	Enumeration of mesophilic lactic acid bacteria	LST ISO 15214:2009	Enumeration method. Pour plate technique
Food	Detection of presumptive <i>Escherichia coli</i>	LST ISO 7251:2006	Detection method. Inoculation into a liquid medium principle
	Most probable number of presumptive <i>Escherichia coli</i>		Enumeration method. Most probable number principle
Food	Enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species)	LST EN ISO 6888-1:2021	Enumeration method. Surface inoculation principle
Food	Enumeration of presumptive <i>Bacillus cereus</i>	LST EN ISO 7932:2005, except LST EN ISO 7932:2005/A1:2020	Enumeration method. Surface inoculation principle
Food	Enumeration of β -glucuronidase-positive <i>Escherichia coli</i>	LST ISO 16649-2:2002	Enumeration method. Pour plate technique
Food	Detection of <i>Listeria monocytogenes</i>	LST EN ISO 11290-1:2017	Detection method. Enrichment and surface inoculation principles

Food products with water activity less than or equal to 0,95	Enumeration of yeast and moulds	LST ISO 21527-2:2008	Enumeration method. Surface inoculation principle
Kaunas department, Microbiology subsection, Kaunas, Ausros str. 44			
Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Water from water supply, borehall water, mineral water, water closed in containers (bottled), well water	Enumeration of culturable micro-organisms	LST EN ISO 6222:2001	Enumeration method. Pour plate technique
Drinking water: water from water supply, borehall water, well water, spring water, mineral water, water closed in containers (bottled)	Enumeration of <i>Escherichia coli</i> ; Enumeration of coliforms	LST EN ISO 9308-1:2004 LST EN ISO 9308-1:2014/A1:2017	Enumeration method. Membrane filtration principle
Water from water supply, borehall water, well water, spring water, mineral water, water closed in containers (bottled)	Enumeration of intestinal enterococci	LST EN ISO 7899-2:2001	Enumeration method. Membrane filtration principle
Mineral water, water closed in containers (bottled), pool water.	Enumeration of <i>Pseudomonas aeruginosa</i>	LST EN ISO 16266:2008	Enumeration method. Membrane filtration principle
Bathing water, pool water, water from water supply, well water	Detection of <i>Salmonella</i> spp.	LST EN ISO 19250:2013	Detection method. Enrichment and surface inoculation principles
Pool water	Enumeration of <i>Staphylococcus aureus</i>	MP-K-SVP-1:2021 (2 edition)	Enumeration method. Membrane filtration principle
Healing mud, soil, compost, biohumus, sludge	Enumeration of <i>Escherichia coli</i> ;	MP-K-SVP-4:2021 (2 edition)	Enumeration method. Pour plate technique

	Detection of <i>Salmonella</i> spp. Enumeration of sulphite-reducing clostridia.		Detection method. Enrichment and surface inoculation principles Enumeration method. Pour plate technique
Sterile pharmaceutical products	Sterility	MP-K-SVP-10:2022 (2 edition)	Method for determination of sterility. Inoculation into a liquid medium principle
Non-sterile pharmaceutical products	The total aerobic microbial count	MP-K-SVP-9:2021 (2 edition)	Enumeration method. Pour plate technique
Food	Enumeration of coliforms	LST ISO 4832:2006	Enumeration method. Pour plate technique
Food	Enumeration of microorganisms or Aerobic colony count	LST EN ISO 4833-1:2013 LST EN ISO 4833-1:2013 /A1:2022	Enumeration method. Pour plate technique
Food	Detection of <i>Salmonella</i> spp.	LST EN ISO 6579-1:2017; LST EN ISO 6579-1:2017/A1:2020	Detection method. Enrichment and surface inoculation principles
Food	Enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species)	LST EN ISO 6888-1:2021	Enumeration method. Surface inoculation principle
Food	Enumeration of presumptive <i>Bacillus cereus</i>	LST EN ISO 7932:2005, except LST EN ISO 7932:2005/A1:2020	Enumeration method. Surface inoculation principle
Food	Enumeration of β -glucuronidase-positive <i>Escherichia coli</i>	LST ISO 16649-2:2002	Enumeration method. Pour plate technique
Klaipeda department, Microbiology subsection Klaipeda, Bijunu str. 6			
Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Drinking water, well water, borehall water, water from water supply, spring water, pool water, water closed in containers (bottled) mineral water.	Enumeration of culturable micro-organisms	LST EN ISO 6222:2001	Enumeration method. Pour plate technique
	Enumeration of intestinal enterococci	LST EN ISO 7899-2:2001	Enumeration method. Membrane filtration principle
	Enumeration of <i>Pseudomonas aeruginosa</i>	LST EN ISO 16266:2008	Enumeration method. Membrane filtration principle
Borehall water, water from water	Enumeration of <i>Escherichia coli</i> ;	LST EN ISO 9308-1:2014	Enumeration method. Membrane filtration

supply, well water, pool water, drinking water, water closed in containers (bottled) mineral water.	Enumeration of coliforms	LST EN ISO 9308-1:2014/A1:2017	principle
Bathing water, water from water supply, borehall water, well water, spring water, mineral water, water closed in containers (bottled), pool water	Detection of <i>Salmonella</i> spp.	LST EN ISO 19250:2013	Detection method. Enrichment and surface inoculation principles
Pool water	Enumeration of <i>Staphylococcus aureus</i>	MP-KL-SVP-1:2019 (1 edition)	Enumeration method. Membrane filtration principle
Food	Enumeration of microorganisms or Aerobic colony count	LST EN ISO 4833-1:2013 LST EN ISO 4833-1:2013 /A1:2022	Enumeration method. Pour plate technique
Food	Most probable number of coliforms	LST ISO 4831:2006	Enumeration method. Most probable number principle
	Detection of coliforms		Detection method. Inoculation into a liquid medium principle
Food	Enumeration of coliforms	LST ISO 4832:2006	Enumeration method. Pour plate technique
Food	Enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species)	LST EN ISO 6888-1:2021	Enumeration method. Surface inoculation principle
Food	Most probable number of presumptive <i>Escherichia coli</i>	LST ISO 7251:2006	Enumeration method. Most probable number principle
	Detection of <i>Escherichia coli</i>		Detection method. Inoculation into a liquid medium principle
Food	Enumeration of β -glucuronidase-positive <i>Escherichia coli</i>	LST ISO 16649-2:2002	Enumeration method. Pour plate technique
Food and feed	Detection of <i>Salmonella</i> spp.	LST EN ISO 6579-1:2017; LST EN ISO 6579-1:2017/A1:2020	Detection method. Enrichment and surface inoculation principles
Food	Enumeration of the sulfite-reducing anaerobes	LST ISO 15213:2009	Enumeration method. Pour plate technique

Food	Detection of <i>Listeria monocytogenes</i>	LST EN ISO 11290-1:2017	Detection method. Enrichment and surface inoculation principles
Food	Enumeration of presumptive <i>Bacillus cereus</i>	LST EN ISO 7932:2005, except LST EN ISO 7932:2005/A1:2020	Enumeration method. Surface inoculation principle
Food	Enumeration of mesophilic lactic acid bacteria	LST ISO 15214:2009	Enumeration method. Pour plate technique
Food products with water activity less than or equal to 0,95	Enumeration of yeast and moulds	LST ISO 21527-1:2008	Enumeration method. Surface inoculation principle
Meat and meat products	Detection of presumptive <i>Pseudomonas</i> spp.	LST EN ISO 13720:2011	Enumeration method. Surface inoculation principle
Food	Enumeration of aerobic mesophilic microorganisms spores; Enumeration of aerobic thermophilic microorganisms spores.	MP-KL-SVP-2:2019 (1 edition)	Enumeration method. Pour plate technique
Food	Enumeration of anaerobic mesophilic microorganisms spores	MP-KL-SVP- 3:2019 (1 edition)	Enumeration method. Pour plate technique
Food	Enumeration of <i>Enterobacteriaceae</i>	LST EN ISO 21528-2:2017	Enumeration method. Pour plate technique
Siauliai department, Microbiology subsection, Siauliai, Dubijos str. 40			
Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Pool water	Enumeration of <i>Staphylococcus aureus</i>	MP-S-SVP-1:2022 (3 edition)	Enumeration method. Membrane filtration principle
Water from water supply, borehall water, well water, mineral water water closed in containers (bottled)	Enumeration of culturable micro-organisms	LST EN ISO 6222:2001	Enumeration method. Pour plate technique
Water from water supply, borehall water, well water, spring water, mineral water water closed in containers(bottled)	Enumeration of intestinal enterococci	LST EN ISO 7899-2:2001	Enumeration method. Membrane filtration principle
Mineral water water closed in containers (bottled), pool water	Enumeration of <i>Pseudomonas aeruginosa</i>	LST EN ISO 16266:2008	Enumeration method. Membrane filtration principle

Water from water supply, borehall water, well water, spring water, mineral water water closed in containers (bottled)	Enumeration of coliforms	LST EN ISO 9308-1:2014; LST EN ISO 9308-1:2014/A1:2017	Enumeration method. Membrane filtration principle
	Enumeration of <i>Escherichia coli</i> ;		
Bathing water, water from water supply, borehall water, well water, pool water, spring water, mineral water, water closed in containers (bottled)	Detection of <i>Salmonella</i> spp.	LST EN ISO 19250:2013	Detection method. Enrichment and surface inoculation principles
Food, food products manufacturer and handling areas environmental samples	Detection of <i>Listeria monocytogenes</i>	LST EN ISO 11290-1:2017	Detection method. Enrichment and surface inoculation principles
Food	Enumeration of <i>Enterobacteriaceae</i>	LST EN ISO 21528-2:2017	Enumeration method. Pour plate technique
Food	Enumeration of microorganisms or Aerobic colony count	LST EN ISO 4833-1:2013 LST EN ISO 4833-1:2013 /A1:2022	Enumeration method. Pour plate technique
Food	Detection of <i>Salmonella</i> spp.	LST EN ISO 6579-1:2017; LST EN ISO 6579-1:2017/A1:2020	Detection method. Enrichment and surface inoculation principles
Food	Enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species)	LST EN ISO 6888-1:2021	Enumeration method. Surface inoculation principle
Food	Enumeration of presumptive <i>Bacillus cereus</i>	LST EN ISO 7932:2005, except LST EN ISO 7932:2005/A1:2020	Enumeration method. Surface inoculation principle
Food	Enumeration of β -glucuronidase-positive <i>Escherichia coli</i>	LST ISO 16649-2:2002	Enumeration method. Pour plate technique
Food	Detection of <i>Listeria monocytogenes</i>	LST EN ISO 11290-1:2017	Detection method. Enrichment and surface inoculation principles
Food	Enumeration of <i>Listeria monocytogenes</i>	LST EN ISO 11290-2:2017	Enumeration method. Surface inoculation principle
Food products with water	Enumeration of yeast and (or) moulds	LST ISO 21527-2:2008	Enumeration method. Surface inoculation principle

activity less than or equal to 0,95			
Food	Most probable number of coliforms	LST ISO 4831:2006	Enumeration method. Most probable number principle
PHYSICAL FACTORS Physical Factors Research subsection Vilnius, Antakalnio str. 10; Kaunas, Ausros str. 44; Klaipeda, Bijunu str. 6; Siauliai, Dubijos str. 40			
Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Workplace lighting	Artificial light indoors and outdoors: - lighting level	HN 98:2014, FT-SVP-2:2022 (3 edition)	Natural measurements
	Natural light indoors: - natural lighting coefficient	HN 98:2014, FT-SVP-3:2019 (2 edition)	Calculation based of natural measurement results
Workplace acoustic noise	Acoustic noise: - noise exposure level normalized to an 8 h working day; - daily operating noise (exposure) level for the work operation; - peak sound pressure level.	LST EN ISO 9612:2009	Engineering calculation based on the results of natural measurements for work tasks (1 strategy)
Workplace vibration	Hand - arm vibration: -total value of 8 h daily operation; - total value of daily operations for the work operation; - root mean square values of the weighted acceleration according to the directions of action.	LST EN ISO 5349-1:2002; LST EN ISO 5349-2:2002; LST EN ISO 5349-2:2002/A1:2015	Engineering calculation based on the results of natural measurements
	Whole-body vibration: -total value of 8 h daily operation; - total value of daily operations for the work operation; - root mean square values of the weighted acceleration according to the directions of action.	LST ISO 2631-1:2004, LST ISO 2631-1:2004/A1:2010, LST EN 14253:2004+ A1:2008	Engineering calculation based on the results of natural measurements
Workplace microclimate	- air temperature; - relative air humidity; - air speed	HN 69:2003, FT-SVP-9:2019 (1 edition)	Natural measurements
Workplace Electromagnetic fields	Electromagnetic field in 5 Hz – 400 kHz frequency range: - electric field strength;	FT-SVP-6:2019 (1 edition)	Natural broadband measurements

	- magnetic flux density		
	Electromagnetic field in 0 Hz – 300 GHz frequency range: - electric field strength; - magnetic field strength; - magnetic flux density; - power flux density.	LST EN 50413:2009, LST EN 50413:2009/ A1:2014	Natural broadband measurements in object usage environment
Solariums	Ultraviolet radiation: effective irradiance	HN 71:2009, FT-SVP-11:2019 (1 edition)	Natural measurements during normal operation of the object
Acoustic noise in residential and public environments	Acoustics noise: - equivalent continuous sound pressure level; - maximum sound pressure level; - exposure sound level; - spectrum in 1/1 and 1/3 octave bands.	LST ISO 1996-1:2017; LST ISO 1996-2:2017	Engineering calculation based on the results of short-term natural measurements
Service equipments in buildings	Acoustics noise: - maximum sound pressure level; - equivalent continuous sound pressure level; - sound pressure levels in 1/1 and 1/3 octave bands.	LST EN ISO 16032:2004	Engineering calculation based on natural measurements of instantaneous maximum sound level
Microclimate in residential and public premises	- air temperature; - relative air humidity; - air speed	HN 42:2009, FT-SVP-9:2019 (1 edition)	Natural measurements
Electromagnetic fields in residential environment	Electromagnetic field in 10 kHz – 300 GHz frequency range: - electric field strength; - magnetic field strength; - magnetic flux density; - power flux density.	HN 80:2015 FT-SVP-15:2021 (1 edition)	Natural broadband measurements
Electromagnetic fields in residential and public premises and environment	50 Hz electromagnetic field: - electric field strength; - magnetic field strength; - magnetic flux density.	HN 104:2011	Natural measurements
Ventilation system	Air speed	FT-SVP-10:2019	Ventilation system

*Defined and applicable for the whole accreditation scope following degree of flexibility:
- application of the updated documents of test methods already covered by accreditation or replacing them;

Actual scope of accreditation is published on the website www.nvspl.lt.

Deputy Director,
acting Director

Rosita Marija Balčienė