

**The Appendix is an integral part of  
Certificate of Accreditation No: 40/2024 of 29/01/2024**

**Accredited entity according to ČSN EN ISO/IEC 17025:2018:**

**Vysoká škola chemicko-technologická v Praze**

CAB number 1316.3, Testing Laboratory of the Department of Biochemistry and Microbiology

Technická 1905/5, 166 28 Praha 6 – Dejvice

**Tests:**

| Ordinal number <sup>1</sup> | Test procedure / method name                                                                                                                            | Test procedure / method identification <sup>2</sup> | Tested subject                                                   | Degrees of freedom <sup>3</sup> |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------|---------------------------------|
| 1                           | Enumeration of total microorganisms - by culture<br>- by pour plate technique<br>- by surface plating technique                                         | ČSN EN ISO 4833-1;<br>ČSN EN ISO 4833-2             | Food, meals, feedstuffs, environment of food industry facilities | -                               |
| 2                           | Horizontal method for the detection of<br><i>Listeria monocytogenes</i> and<br><i>Listeria</i> spp. - by culture                                        | ČSN EN ISO 11290-1                                  | Food, meals, feedstuffs, environment of food industry facilities | -                               |
| 3                           | Horizontal method for the enumeration of yeasts and moulds by culture<br>- products with water activity > 0.95<br>- products with water activity ≤ 0.95 | ČSN ISO 21527-1;<br>ČSN ISO 21527-2                 | Food, meals, feedstuffs, environment of food industry facilities | -                               |
| 4                           | Horizontal method for the detection of <i>Salmonella</i><br>- by culture                                                                                | ČSN EN ISO 6579                                     | Food, meals, feedstuffs, environment of food industry facilities | -                               |
| 5                           | Enumeration of coagulase-positive staphylococci<br>- by culture                                                                                         | ČSN EN ISO 6888-1                                   | Food, meals, feedstuffs, environment of food industry facilities | -                               |
| 6                           | Enumeration of <i>Listeria monocytogenes</i> and <i>Listeria</i> spp.- by culture                                                                       | ČSN EN ISO 11290-2                                  | Food, meals, feedstuffs, environment of food industry facilities | -                               |
| 7                           | Horizontal method for the detection and enumeration of <i>Enterobacteriaceae</i> - by culture                                                           | ČSN EN ISO 21528-2                                  | Food, meals, feedstuffs, environment of food industry facilities | -                               |
| 8                           | Enumeration of β-glucuronidase-positive <i>Escherichia coli</i> - by culture                                                                            | ČSN ISO 16649-2                                     | Food, meals, feedstuffs, environment of food industry facilities | -                               |
| 9                           | Enumeration of culturable micro-organisms – Colony-count by inoculation in a nutrient agar culture medium:<br>a) at 22 °C b) at 36 °C                   | ČSN EN ISO 6222                                     | Drinking water, bottled water, bathing water                     | -                               |

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|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------|---------------------------------|
| 10                          | Detection and enumeration of <i>Escherichia coli</i> and coliform bacteria - Membrane filtration method                                    | ČSN EN ISO 9308-1                                   | Drinking water, bottled water, bathing water                    | -                               |
| 11                          | Detection and enumeration of intestinal enterococci - membrane filtration method                                                           | ČSN EN ISO 7899-2                                   | Drinking water, bottled water                                   | -                               |
| 12                          | Enumeration of <i>Clostridium perfringens</i> – Membrane filtration method                                                                 | Reg. No. 70/2018 Coll.                              | Drinking water, bottled water                                   | -                               |
| 13                          | Enumeration of coagulase-positive staphylococci - membrane filtration method                                                               | ČSN EN ISO 6888-1                                   | Drinking water, bottled water, bathing water                    | -                               |
| 14                          | Detection and enumeration of <i>Pseudomonas aeruginosa</i> – Membrane filtration method                                                    | ČSN EN ISO 16266                                    | Drinking water, bottled water, bathing water                    | -                               |
| 15                          | Determination of microbial contamination of surfaces, process equipment and packages by means of swabs                                     | SOP No. 3 (ČSN 56 0100)                             | environment of food industry facilities and municipal buildings | -                               |
| 16                          | Determination of total concentration of mixed population of bacteria and total concentration of mixed population of moulds by an aeroscope | AHEM 4/2021; Reg. No. 6/2003 Coll.                  | Indoor air                                                      | -                               |
| 17                          | Detection of <i>Pseudomonas aeruginosa</i> by culture                                                                                      | ČSN EN ISO 22717                                    | Cosmetics, cosmetic and medical products                        | -                               |
| 18                          | Detection of <i>Staphylococcus aureus</i> - by culture                                                                                     | ČSN EN ISO 22718                                    | Cosmetics, cosmetic and medical products                        | -                               |
| 19                          | Detection of <i>Candida albicans</i> - by culture                                                                                          | ČSN EN ISO 18416; ČSN ISO 18415                     | Cosmetics, cosmetic and medical products                        | -                               |
| 20                          | Detection of <i>Escherichia coli</i> - by culture                                                                                          | ČSN EN ISO 21150                                    | Cosmetics, cosmetic and medical products                        | -                               |
| 21                          | Enumeration and detection of aerobic mesophilic bacteria - by culture                                                                      | ČSN EN ISO 21149                                    | Cosmetics, cosmetic and medical products                        | -                               |

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|-----------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------|
| 22                          | Test of preservation efficiency by load test - by culture                                                          | ČSN EN ISO 11930 cl. 1.2, 2-5, Annex B              | Cosmetics, cosmetic and medical products                                          | -                               |
| 23                          | Enumeration of presumptive <i>Bacillus cereus</i> by culture                                                       | ČSN EN ISO 7932                                     | Food raw materials, food, feedstuffs, environment of food industry facilities     | -                               |
| 24                          | Enumeration of <i>Lactobacillus</i> by culture                                                                     | ČSN 56 0094                                         | Food raw materials, food, feedstuffs, food supplements                            | -                               |
| 25                          | Enumeration of mesophilic lactic acid bacteria – Colony-count technique at 30 °C                                   | ČSN ISO 15214                                       | Food raw materials, food, feedstuffs, food supplements                            | -                               |
| 26                          | Enumeration of presumptive bifidobacteria - Colony count technique at 37 °C                                        | ČSN ISO 29981                                       | Food raw materials, food, feedstuffs, food supplements                            | -                               |
| 27                          | GMO detection by PCR method                                                                                        | SOP No. 1                                           | Food raw materials, food, feedstuffs                                              | -                               |
| 28                          | GMO quantification by PCR method                                                                                   | SOP No. 2                                           | Food raw materials, food, feedstuffs                                              | -                               |
| 29                          | Nucleic acid extraction and GMO detection by PCR                                                                   | ČSN EN ISO 21571 Annex A3, B;<br>ČSN EN ISO 21569   | Food raw materials, food, feedstuffs                                              | -                               |
| 30                          | Nucleic acid extraction, detection and quantification of GMO by quantitative determination of DNA by real-time PCR | ČSN EN ISO 21571 Annex A3, B;<br>ČSN EN ISO 21570   | Food raw materials, food, feedstuffs                                              | -                               |
| 31                          | Detection and quantification of SARS-CoV-2 RNA by reverse transcription PCR                                        | SOP No. 5                                           | Drinking water, service water, surface water, waste water, bathing water, sludges | -                               |
| 32                          | Identification of microorganisms by mass spectrometry method MALDI-TOF                                             | SOP No. 4 (MALDI Biotyper User manual)              | Pure microbial culture - isolate                                                  | -                               |

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation

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Explanatory notes:

PCR - polymerase chain reaction

GMO - genetically modified organisms