

**The Appendix is an integral part of
Certificate of Accreditation No. 330/2023 of 20/06/2023**

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

Ústav pro vyšetřování potravin spol. s r.o.
CAB number 1164, Ústav pro vyšetřování potravin spol. s r.o.
K Hrnčírům 25, 149 00 Praha 4 - Šeberov

The laboratory provides opinions and interpretations of test results.

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Enumeration of total micro-organisms Colony count technique	ČSN EN ISO 4833-1; ČSN EN ISO 4833-2	Food	-
2	Enumeration of coliforms Colony count technique	ČSN ISO 4832	Food	-
3	Enumeration of yeasts and moulds Colony count technique	ČSN ISO 21527-1; ČSN ISO 21527-2	Food	-
4	Detection of <i>Salmonella</i> by culture method	ČSN EN ISO 6579	Food	-
5	Enumeration of <i>Bacillus cereus</i> . Colony count technique	ČSN EN ISO 7932	Food, droppings	-
6	Enumeration of coagulase-positive staphylococci Colony count technique	ČSN EN ISO 6888-1	Food	-
7	Enumeration of <i>Lactobacillus</i> Colony count technique	ČSN 56 0094	Food	-
8	Detection of <i>Pseudomonas aeruginosa</i> and other important species of <i>Pseudomonas</i> by culture method	ČSN EN ISO 13720; ČSN P ISO/TS 11059	Food	-
9	Microbiological examination of smears Colony count technique	SOP No.9 (VLM HP No. 6)	Smear	-
10	Determination of microbial contamination by washing method by culture	SOP No.10	Food containers	-
11	Examination of microbial contamination of paper and foils of some materials by spillway method	SOP No.11	Packages	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
12	Enumeration of <i>Enterobacteriaceae</i> without resuscitation Colony count technique	ČSN EN ISO 21528-2	Food	-
13	Enumeration of <i>Clostridium perfringens</i> Colony count technique	ČSN EN ISO 7937	Food	-
14 - 15	Reserved			
16	Detection of <i>Listeria monocytogenes</i> by culture method	ČSN EN ISO 11290-1	Food	-
17	Detection and enumeration of spore-forming anaerobes Colony count technique	SOP No. 17 (VLM HP No. 6, chap. 4.4.9.)	Food	-
18	Enumeration of glucuronidase-positive <i>Escherichia coli</i> on chromogenous substrate Colony count technique	ČSN ISO 16649-2	Food	-
19	Enumeration of <i>Listeria monocytogenes</i> Colony count technique	ČSN EN ISO 11290-2	Food	-
20	Enumeration of culturable microorganisms Colony count technique	ČSN EN ISO 6222	Drinking water	-
21	Detection and enumeration of <i>Escherichia coli</i> and coliform bacteria by membrane filtration method	ČSN EN ISO 9308-1	Drinking water	-
22	Sensory descriptive analysis	SOP No.22 (ČSN ISO 6658; ČSN ISO 8589; ČSN ISO 11037; ČSN ISO 5496; ČSN ISO 3972)	Meat and meat products, milk and milk products, ready made meals	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
23	Determination of weight content and ratio of components by weighing	SOP No.23 (ČSN 56 0246, part 5; ČSN 57 0146, part 3; ČSN 57 0152:1986)	Canned products, hermetically sealed products	-
24	Detection of <i>Listeria monocytogenes</i> and <i>Salmonella spp.</i> by Real Time PCR	SOP No. 24 (Miniopticon Biorad CFD 3120 manufacturer's operating procedure)	Food	-
25	Detection of <i>Campylobacter</i> by culture method	ČSN EN ISO 10272-1	Food	-
26	Enumeration of characteristic microorganisms. Colony-count technique	ČSN ISO 7889	Yoghurts	-
27	Detection and enumeration of intestinal enterococci. Membrane filtration method	ČSN EN ISO 7899-2	Drinking water	-
28	Enumeration of <i>Campylobacter spp.</i> Colony count technique	ČSN EN ISO 10272-2	Food, raw materials for the production of food	-
29 – 40	Reserved			
41	Determination of metals by AAS flame method (Cd,Pb,Cu,Fe,Zn,Mn,Na, Ca,Mg, K)	SOP No. 41 (ČSN EN 14082:2003; ČSN EN 14084; ČSN EN 1134; ČSN ISO 8070; ČSN EN 15505)	Food, raw materials for the production of food	-
42	Determination of mercury on AMA	SOP No.42 (ALTEC s r.o. Manufacturer's Documentation)	Food	-
43	Determination of acid value of fats by titration	SOP No.43 (ČSN ISO 660)	Food, fats	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
44	Determination of the content of fats by Soxhlet extractor	SOP No.44 (ČSN ISO 1443; ČSN 46 7092-7; ČSN EN ISO 1735; ČSN EN ISO 1736; ČSN 56 0290-6	Food, raw materials for the production of food, feedstuffs	-
45	Determination of sodium chloride by argentometry	SOP No. 45 (ČSN ISO 1841-2; ČSN 56 0116-5; ČSN EN ISO 5943; ČSN 56 0290-5; ČSN ISO 1738; ČSN 58 0170-7)	Food, raw materials for the production of food	-
46	Determination of acidity by titration	SOP No.46 (ČSN P ISO/TS 11869; ČSN 56 0240-5; ČSN 56 0130-7; ČSN EN 12147; ČSN ISO 6091; ČSN ISO 750)	Food, raw materials for the production of food	-
47	Determination of saccharides and the sum of saccharides by HPLC-RI method	SOP No. 47 (ČSN 56 0130-5; ČSN EN 12630)	Food, raw materials for the production of food, beverages	-
48	Determination of benzoic and sorbic acid by HPLC method with UV detector	SOP No. 48 (Veterinary methods, 216/1991, page 192)	Food, Beverages, wines	-
49	Determination of nitrites by colorimetric method	SOP No.49 (ČSN EN 12014-3, Veterinary methods, 216/1991)	Food, raw materials for the production of food	-
50	Determination of water activity by Novasina analyzer	SOP No.50 (ČSN ISO 18787)	food, raw materials for the production of food	-
51	Determination of proteins according to Kjeldahl and calculation of meat content from measured values	SOP No.51 (ČSN ISO 1871; ČSN ISO 937; ČSN 56 0116-9; CR (EC) 2004/2002; MZE-67807/2021-1812)	Food, raw materials for the production of food	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
52	Determination of pH by potentiometry	SOP No.52 (ČSN ISO 2917; ČSN ISO 1842; ČSN ISO 1132; ČSN ISO 10523)	Food, raw materials for the production of food	-
53	Determination of dry matter/ water by gravimetry	SOP No. 53 (ČSN ISO 13580; ČSN ISO 3728; ČSN EN 12145; ČSN EN ISO 5534; ČSN 56 0116-3; ČSN 56 0130-3; ČSN EN ISO 3727-1; ČSN 57 6021; ČSN 58 0170-4; ČSN 57 0105-13)	Food, raw materials for the production of food	-
54	Determination of collagen and pure myosins by spectrophotometry	SOP No. 54 (ISO 3496; MoA 53986/2014; Davídek et al.: Laboratory Manual of Food Analysis, SNTL 1977)	Food	-
55	Determination of ash by gravimetry	SOP No.55 (ČSN EN ISO 3593; ČSN ISO 1575; ČSN ISO 6884; ČSN 56 0116-4; ČSN 56 0130-4; ČSN 56 0146-6; ČSN 58 0703-11; ČSN ISO 936)	Food, raw materials for the production of food	-
56	Determination of Schoorl sugar, calculation of saccharides and energy value from values measured	SOP No. 56 (ČSN 56 0130-5; ČSN 56 0116-7; ČSN 56 0512-15 NK (EU) 1169/2011)	Food	-
57	Reserved			

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
58	Determination of fatty acids in foodstuffs by gas chromatography method GC/FID	SOP No. 58 (ČSN EN ISO 17059; ČSN EN ISO 12966-1; ČSN EN ISO 12966-2)	Food, fats	-
59	Detection and identification of water soluble food dyes by thin layer chromatography method	SOP No. 59 (Davídek et al.: Laboratory Guide to Food Analysis, SNTL 1977)	Food, beverages	-
60	Verification of mass and mass fraction of ingredients in retail food products by gravimetry	SOP No. 60 (ČSN 56 0246-5) WELMEC – Guide on the Verification of Drained Weight, Drained Washed Weight and Deglazed Weight	Food	-

¹ asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

² 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 edition of the specified procedure is used (including any changes)

³ the laboratory does not apply a flexible approach to the scope of accreditation

Explanations of abbreviations:

ÚVP – Ústav pro vyšetřování potravin, spol. s r.o.

HPLC – High-Performance Liquid Chromatography with UV detector

HPLC-RI – High Performance Liquid Chromatography with Refractive Index Detector

AAS – Atomic Absorption Spectrometry

SOP – Standard Operating Procedure

VLM HP – Veterinary Laboratory Methods – Food Hygiene

Welmec – European Cooperation in Legal Metrology, 2020: Guide on the Measurement of Drained Weight, Drained Washed Weight and Deglazed Weight

MZE-67807/2021-18122 - Ministry of Agriculture of the Czech Republic: Methodological guideline for the determination of the meat content of products containing meat

AMA – Single-Purpose Atomic Absorption Spectrometer