



EA MLA Signatory
Český institut pro akreditaci, o.p.s.
Olšanská 54/3, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products, as amended

CERTIFICATE OF ACCREDITATION

No. 120 / 2014

Vysoká škola chemicko-technologická v Praze
with registered office Technická 5, 166 28 Praha 6

to the Testing Laboratory No. 1316.3
Zkušební laboratoř Ústavu biochemie a mikrobiologie

Scope of accreditation:

Qualitative and quantitative microbiological analyses of samples of food, food raw materials, meals, feedstuffs, cosmetics, PBU, water, air and smears from food industry facilities and municipal buildings, determination of transparent DNA to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of Accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2005

In its activities performed within the scope and for the period of validity of this Certificate, the Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited Conformity Assessment Body.

The Certificate of Accreditation is valid until: **26 February 2019**

Prague: 26 February 2014



Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company



Accredited entity according to ČSN EN ISO/IEC 17025:2005:

Vysoká škola chemicko-technologická v Praze
Zkušební laboratoř Ústavu biochemie a mikrobiologie
Technická 5, 166 28 Praha 6

The Laboratory is qualified to update standards identifying the test procedures.

Tests:

Ordinal number	Test procedure/method name	Test procedure/method identification	Tested object
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1.	Enumeration of total microorganisms - by culture	ČSN EN ISO 4833	Food, meals, feedstuffs, consumer goods
2.	Horizontal method for the detection of <i>Listeria monocytogenes</i> - by culture	ČSN EN ISO 11290-1	Food, meals, feedstuffs, consumer goods
3.	Horizontal method for the enumeration of yeasts and moulds by culture - products with water activity > 0.95 - products with water activity ≤ 0.95	ČSN ISO 21527-1 ČSN ISO 21527-2	Food, meals, feedstuffs, consumer goods
4.	Horizontal method for the detection of <i>Salmonella</i> - by culture	ČSN EN ISO 6579	Food, meals, feedstuffs, consumer goods
5.	Enumeration of coagulase-positive staphylococci - by culture	ČSN EN ISO 6888-1	Food, meals, feedstuffs, consumer goods
6.	Enumeration of <i>Listeria monocytogenes</i> - by culture	ČSN EN ISO 11290-2	Food, meals, feedstuffs, consumer goods
7.	Horizontal methods for the detection and enumeration of <i>Enterobacteriaceae</i> - by culture	ČSN EN ISO 21528-2	Food, meals, feedstuffs, consumer goods
8.	Enumeration of β -glucuronidase-positive <i>Escherichia coli</i> - by culture	ČSN ISO 16649-2	Food, meals, feedstuffs, consumer goods
9.	Enumeration of culturable micro-organisms – Colony-count by inoculation in a nutrient agar culture medium: a) at 22 °C b) at 36 °C	ČSN EN ISO 6222	Drinking water, bathing water
10.	Detection and enumeration of <i>Escherichia coli</i> and coliform bacteria - Membrane filtration method	ČSN EN ISO 9308-1	Drinking water, bathing water
11.	Detection and enumeration of intestinal enterococci - membrane filtration method	ČSN EN ISO 7899-2	Drinking water

**The Appendix is an integral part of
Certificate of Accreditation No. 120/2014 of 26/02/2014**

Accredited entity according to ČSN EN ISO/IEC 17025:2005:

**Vysoká škola chemicko-technologická v Praze
Zkušební laboratoř Ústavu biochemie a mikrobiologie
Technická 5, 166 28 Praha 6**

Ordinal number	Test procedure/method name	Test procedure/method identification	Tested object
12.	Enumeration of <i>Clostridium perfringens</i> – Membrane filtration method	Reg. No. 252/2004 Coll., Annex No. 6	Drinking water
13.	Enumeration of coagulase-positive staphylococci – membrane filtration method	ČSN EN ISO 6888-1	Drinking water, bathing water
14.	Detection and enumeration of <i>Pseudomonas aeruginosa</i> – Membrane filtration method	ČSN EN ISO 16266	Drinking water, bathing water
15.	Determination of microbial contamination of surfaces, process equipment and packages by means of swabs	ČSN 56 0100 p. 145, p. 146	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 1/2002	Indoor air
17.	Detection of <i>Pseudomonas aeruginosa</i> by culture	ČSN EN ISO 22717 ČSN ISO 18415	Cosmetics, cosmetic and medical products
18.	Detection of <i>Staphylococcus aureus</i> – by culture	ČSN EN ISO 22718 ČSN ISO 18415	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 ČSN ISO 18415	Cosmetics, cosmetic and medical products
21.	Enumeration and detection of aerobic mesophilic bacteria - by culture	ČSN EN ISO 21149	Cosmetics, cosmetic and medical products
22.	Test of preservation efficiency by load test - by culture	ČSN EN ISO 11930 p.1.2, 2-5, Annex B	Cosmetics, cosmetic and medical products
23.	GMO detection by PCR method	SOP No. 1 (5.4/01)	Food raw materials, food, feedstuffs
24.	GMO quantification by PCR method	SOP No. 2 (5.4/02)	Food raw materials, food, feedstuffs
25.	Detection of GMO and derived products - extraction of nucleic acid	ČSN EN ISO 21571, Annex A3, B	Food raw materials, food, feedstuffs
26.	Detection of GMO and derived products by qualitative nucleic acid based methods	ČSN EN ISO 21569, Annex A1,2,4; B1-4;C1;C3,4;D1	Food raw materials, food, feedstuffs
27.	Detection and quantification of GMO and derived products by quantitative determination of DNA by real-time PCR	ČSN EN ISO 21570	Food raw materials, food, feedstuffs

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Abbreviations:

GMO - Genetically Modified Organisms
PCR - Polymerase Chain Reaction

