



NÁRODNÍ AKREDITAČNÍ ORGÁN

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. 239/2021

Výzkumný ústav rostlinné výroby, v.v.i.
with registered office Drnovská 507/73, 161 06 Praha 6 - Ruzyně, Company Registration
No. 00027006

to the Testing Laboratory No. **1465**
Reference laboratory for GMO identification and DNA fingerprinting

Scope of accreditation:

Testing using PCR-based molecular biology methods with a focus on GMO determination and DNA profiling in plants, food and feedstuffs 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 17025:2018

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.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 6/2020 of 2. 1. 2020, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **26. 9. 2023**

Prague: 19. 4. 2021



P. P. Nosek
Pavel Nosek

Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute
Public Service Company



**The Appendix is an integral part of
Certificate of Accreditation No. 239/2021 of 19/04/2021**

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

Výzkumný ústav rostlinné výroby, v.v.i.
Reference laboratory for GMO identification and DNA fingerprinting
Drnovská 507/73, 161 06 Praha 6 – Ruzyně

The laboratory has a flexible scope of accreditation permitted as detailed in the Annex.

Updated list of activities provided within the flexible scope of accreditation is available from the Laboratory Manager.

The laboratory is qualified to provide expert opinions and to interpret test results.

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1	Test for presence of GMO in plants and derived products by PCR method	SOP No.1 (ČSN EN ISO 21571)	Plant material or parts thereof, food and feedstuffs including processed materials
2	Specific detection of DNA ³ sequence in plants and derived products by PCR method	SOP No.3 (ČSN EN ISO 21569; ČSN EN ISO 21571; and validated EU-RL JRC methods)	Plant material or parts thereof, food and feedstuffs including processed materials
3	Quantification of transgene ⁴ in plants and derived products by RT-PCR method	SOP No.8 (ČSN EN ISO 21570; ČSN EN ISO 21571; and validated EU-RL JRC methods)	Plant material or parts thereof, food and feedstuffs including processed materials
4	Specific detection of DNA ⁵ sequence in plants and derived products by RT-PCR method	SOP No.9 (ČSN EN ISO 21569; ČSN EN ISO 21571; and validated EU-RL JRC methods)	Plant material or parts thereof, food and feedstuffs including processed materials
5	DNA-profiling using microsatellite loci in the genome DNA ⁶ of plants by fragment analysis method	SOP No.10 (ČSN EN ISO 21571)	Plant material or parts thereof, food and feedstuffs including processed materials

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)



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Annex:

Flexible scope of accreditation

Ordinal numbers of tests
2, 3, 4, 5

The Laboratory is allowed to modify the test methods listed in the Annex within the specified scope of accreditation provided the measuring principle is observed. No changes can be made by the laboratory in the tests not included in the Annex.

Explanations:

- ³ *P35S-pat; Bt11; Bt176; CP4 EPSPS; Phospholipase; GA21; GT73; Lr13; Lr19; Lr28; Lr34+Yr18; Lr35; Lr37-Yr17-Sr38; Lr46+Yr29; Lr47; Lr9; MIR604; MON810; MON863; MON88017; NK603; nptII; papain; PAT-BAR; PLA; P-NOS; P-rAct; RR; T25; T51 (Bt63); TCaMV; Yd2; Ylp; SAD; FP967; A2704; MON89788; UGP; EH92-527-1; DAS59122; MON89034; PLD; P-35S; T-NOS; CryIAb/Ac; tRNA-leu.*
- ⁴ *MON810; GA21; MON863; NK603; EPSPS/Lec; EPSPS/Adh1; GTS-40-3-2; DAS59122; T25; MON88017; Bt176; Bt11; MON89788; MON87708; MON87701.*
- ⁵ *P35S; T-NOS; BAR; P35S-PAT; ctp2-cp4epsps*
- ⁶ **garlic:** *ASM035; ASM040; ASM5; ASM59; ASM072; ASM078; ASM080; ASM109; ASItron1; ASItron3; ASA07; ASA08; ASA10; ASA14; ASA16; ASA17*
rice: *RM201; RM212; RM339; ch8p6; ch8p22; vf100; vf336; vf179.*
hemp: *ANUCS 206; ANUCS 302; ANUCS 303; ANUCS 304; ANUCS 306; ANUCS 308; ANUCS 501; CAN0009; CAN0026; CAN0033; CAN0051; STR 1528; STR 3735; STR 5159; STR 9043; STR 9269.*

Abbreviations:

GMO	- Genetically Modified Organism;
PCR	- Polymerase Chain Reaction;
RT-PCR	- Real Time Polymerase Chain Reaction;
DNA	- DeoxyriboNucleic Acid;
CaMV	- Cauliflower Mosaic Virus;
SOP	- Standard Operating Procedure;
EU-RL JRC	- European Reference Laboratory for GM Food and Feed, Joint Research Centre

