ICS 07.100.30, 67.120.10 SLOVENSKÁ TECHNICKÁ NORMA Január 2024

STN	**Potraviny** **Dôkaz alergénov v potravinách molekulárnymi biologickými metódami** **Časť 5: Horčica *(Sinapis alba)* a sója *(Glycine max)*** **Dôkaz špecifickej sekvencie DNA vo varených párkoch a klobásach metódou PCR s priebežnou analýzou**	**STN** **EN 15634-5** 56 0131

Foodstuffs - Detection of food allergens by molecular biological methods - Part 5: Mustard (Sinapis alba) and soya (Glycine max) - Qualitative detection of a specific DNA sequence in cooked sausages by real-time PCR

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/23

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English Version

Foodstuffs - Detection of food allergens by molecular biological methods - Part 5: Mustard (*Sinapis alba*) and soya (Glycine max) - Qualitative detection of a specific DNA sequence in cooked sausages by real-time PCR

Produits alimentaires - Détection des allergènes alimentaires par des méthodes d'analyse de biologie moléculaire - Partie 5 : Moutarde (*Sinapis alba*) et soja (Glycine max) - Détection qualitative d'une séquence d'ADN spécifique dans des saucisses cuites, par PCR en temps réel

Lebensmittel - Nachweis von Lebensmittelallergenen mit molekularbiologischen Verfahren - Teil 5: Senf (*Sinapis alba*) sowie Soja (Glycine max) - Qualitativer Nachweis einer spezifischen DNA-Sequenz in Brühwürsten mittels Real-time PCR

This European Standard was approved by CEN on 16 January 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN 15634-5:2023) has been prepared by Technical Committee CEN/TC 275 “Food analysis – Horizontal methods”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2023, and conflicting national standards shall be withdrawn at the latest by August 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes CEN/TS 15634-5:2016.

In comparison with CEN/TS 15634-5:2016, the following technical modifications have been made:

a) the document was converted from a Technical Specification into a European standard;

b) normative references and terms and definitions clause added;

c) PCR controls moved from Clause 3 “Reagents” to Clause 7 “Procedure”;

d) new subclause 7.4.6 “Accept/Reject criteria” added;

e) restructured clauses in alignment with EN 15634-2:2019.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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Introduction

For the use of this document the term:

— ‘shall’ indicates a requirement;

— ‘should’ indicates a recommendation;

— ‘may’ indicates a permission;

— ‘can’ indicates a possibility and/or a capability.

1 Scope

This document specifies a procedure for the qualitative detection of species specific DNA from white mustard (*Sinapis alba*) and soya (*Glycine max*) in cooked sausages using singleplex real-time PCR based on the genes MADS-D (mustard) and lectin (soya).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15634-1:2019, *Foodstuffs - Detection of food allergens by molecular biological methods - Part 1: General considerations*

EN 15842, *Foodstuffs - Detection of food allergens - General considerations and validation of methods*