

STN	Krmivá pre zvieratá Metódy odberu vzoriek a analýz Stanovenie deoxynivalenolu, aflatoxínu B1, fumonizínu B1 a B2, toxínov T-2 a HT-2, zearalenonu a ochratoxínu A v krmných surovinách a zložených krmivách metódou LC-MS/MS	STN EN 17194 46 7085
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Animal feeding stuffs: Methods of sampling and analysis - Determination of Deoxynivalenol, Aflatoxin B1, Fumonisin B1 & B2, T-2 & HT-2 toxins, Zearalenone and Ochratoxin A in feed materials and compound feed by LC-MS/MS

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

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English Version

**Animal feeding stuffs: Methods of sampling and analysis -
Determination of Deoxynivalenol, Aflatoxin B1, Fumonisin
B1 & B2, T-2 & HT-2 toxins, Zearalenone and Ochratoxin A
in feed materials and compound feed by LC-MS/MS**

Aliments des animaux : Méthodes d'échantillonnage et
d'analyse - Détermination du déoxynivalénol, de
l'aflatoxine B1, de la fumonisine B1 et B2, des toxines
T-2 et HT-2, de la zéaralénone et de l'ochratoxine A
dans les matières premières pour aliments et les
aliments composés pour animaux par CL-SM/SM

Futtermittel: Probenahme- und
Untersuchungsverfahren - Bestimmung von
Deoxynivalenol, Aflatoxin B1, Fumonisin B1 und B2, T-
2- und HT-2-Toxine, Zearalenon und Ochratoxin A in
Einzelfuttermitteln und Mischfuttermitteln mittels LC-
MS/MS

This European Standard was approved by CEN on 9 September 2019.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 17194:2019 (E)

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European foreword

This document (EN 17194:2019) has been prepared by Technical Committee CEN/TC 327 “Animal feeding stuffs - Methods of sampling and analysis”, the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by May 2020, and conflicting national standards shall be withdrawn at the latest by May 2020.

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.

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EN 17194:2019 (E)**1 Scope**

This document's method of analysis is applicable for the determination of:

- deoxynivalenol (DON) in the tested range of 100 µg/kg to 3 300 µg/kg,
- aflatoxin B1 (AfB1) in the tested range of 2,5 µg/kg to 440 µg/kg,
- fumonisin B1 (FB1) in the tested range of 690 µg/kg to 7 500 µg/kg,
- fumonisin B2 (FB2) in the tested range of 200 µg/kg to 2 500 µg/kg,
- T-2 toxin in the tested range of 7,5 µg/kg to 360 µg/kg,
- HT-2 toxin in the tested range of 14 µg/kg to 1 800 µg/kg,
- zearalenone (ZEN) in the tested range of 30 µg/kg to 600 µg/kg, and
- ochratoxin A (OTA) in the tested range of 10 µg/kg to 230 µg/kg

in cereals and cereal-based compound feed by liquid-chromatography tandem mass spectrometry (LC-MS/MS). The actual working ranges could extend beyond the tested ranges.

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 ISO 3696:1995, *Water for analytical laboratory use — Specification and test methods (ISO 3696:1987)*

EN ISO 6498, *Animal feeding stuffs — Guidelines for sample preparation (ISO 6498)*

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