

STN	Deriváty tukov a olejov Metylestery mastných kyselín Stanovenie obsahu metanolu	STN EN 14110 58 8817
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Fat and oil derivatives - Fatty Acid Methyl Esters - Determination of methanol content

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. 11/19

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English Version

Fat and oil derivatives - Fatty Acid Methyl Esters - Determination of methanol content

Produits dérivés des corps gras - Esters méthyliques
d'acides gras - Détermination de la teneur en méthanol

Erzeugnisse aus pflanzlichen und tierischen Fetten und
Ölen - Fettsäure-Methylester (FAME) - Bestimmung
des Methanolgehaltes

This European Standard was approved by CEN on 13 December 2019.

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

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EN 14110:2019 (E)

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European foreword

This document (EN 14110:2019) has been prepared by Technical Committee CEN/TC 307 “Oilseeds, vegetable and animal fats and oils and their by-products - Methods of sampling and analysis”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by October 2019, and conflicting national standards shall be withdrawn at the latest by October 2019.

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 EN 14110:2003.

This document has been prepared under mandate M/245 on Fatty Acid Methyl Ester (FAME) given to CEN by the European Commission and the European Free Trade Association.

Significant changes between this document and EN 14110:2003 are:

- Addition of Formula (1) — resolution between methanol and 2-propanol
- Correction of the Formula to calculate the methanol content based on external calibration
- Addition of Clause 2 — Normative References
- Addition of Clause 7 — Sampling

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EN 14110:2019 (E)**1 Scope**

This document specifies a method for the determination of the methanol content of fatty acid methyl esters (FAME) for use as diesel fuel and domestic heating fuel. The method is applicable to methanol contents between 0,01 % (*m/m*) and 0,5 % (*m/m*). The method is not applicable to mixtures of FAME containing other low boiling components.

NOTE For the purposes of this document, the terms “% (*m/m*)” and “% (*V/V*)” are used to represent respectively the mass fraction and the volume fraction.

WARNING — The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel prior to application of the standard, and fulfil statutory and regulatory requirements for this purpose.

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 3170, *Petroleum liquids — Manual sampling (ISO 3170)*

EN ISO 3171, *Petroleum liquids — Automatic pipeline sampling (ISO 3171)*

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