

F Ugh]bg\_Y]b`y]j Ug\_Ya Uy cVY]b`c`U!`D]bg\_U\_fca Urc[ fUZUa Yh]Yglfcj  
 a Uy cVb] \ `]g]b`!` "XY. Df]dfUj Ua Yh]Yglfcj `ni dcfUvc`HAG<  
 ff]ja Yh mgi `Zcb]i a \ mXfcl ]XYL`fGC`%&-`\*`!` .&\$\$-Ł

Animal and vegetable fats and oils - Gas chromatography of fatty acid methyl esters - Part 3: Preparation of methyl esters using trimethylsulfonium hydroxide (TMSH) (ISO 12966-3:2009)

**STANDARD PREVIEW**  
 (standards.iteh.ai)

Tierische und pflanzliche Fette und Öle - Gaschromatographie von Fettsäuremethylestern - Teil 3: Herstellung von Methylestern mittels Trimethylsulfoniumhydroxid (TMSH) (ISO 12966-3:2009)

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Corps gras d'origines animale et végétale - Chromatographie en phase gazeuse des esters méthyliques d'acides gras - Partie 3: Préparation des esters méthyliques à l'aide d'hydroxyde triméthylsulfonium (TMSH) (ISO 12966-3:2009)

**Ta slovenski standard je istoveten z: EN ISO 12966-3:2009**

**ICS:**

67.200.10	Üæ dā • \ ^ Á Á ã ç \ ^ { æ [ à ^ Á Á   bæ	Animal and vegetable fats and oils
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**SIST EN ISO 12966-3:2010** en,fr,de

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 12966-3**

December 2009

ICS 67.200.10

English Version

**Animal and vegetable fats and oils - Gas chromatography of fatty acid methyl esters - Part 3: Preparation of methyl esters using trimethylsulfonium hydroxide (TMSH) (ISO 12966-3:2009)**

Corps gras d'origines animale et végétale -  
Chromatographie en phase gazeuse des esters  
méthyliques d'acides gras - Partie 3: Préparation des  
esters méthyliques à l'aide d'hydroxyde de  
triméthylsulfonium (TMSH) (ISO 12966-3:2009)

Tierische und pflanzliche Fette und Öle -  
Gaschromatographie von Fettsäuremethylestern - Teil 3:  
Herstellung von Methylestern mittels  
Trimethylsulfoniumhydroxid (TMSH) (ISO 12966-3:2009)

This European Standard was approved by CEN on 18 November 2009.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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## Foreword

This document (EN ISO 12966-3:2009) has been prepared by Technical Committee ISO/TC 34 "Food products" in collaboration with 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 June 2010, and conflicting national standards shall be withdrawn at the latest by June 2010.

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**Animal and vegetable fats and oils — Gas chromatography of fatty acid methyl esters —****Part 3:  
Preparation of methyl esters using trimethylsulfonium hydroxide (TMSH)**

iTeh STANDARD PREVIEW

*Corps gras d'origines animale et végétale — Chromatographie en phase gazeuse des esters méthyliques d'acides gras —**Partie 3: Préparation des esters méthyliques à l'aide d'hydroxyde de triméthylsulfonium (TMSH)*

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## Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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ISO 12966-3 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 11, *Animal and vegetable fats and oils*.

ISO 12966 consists of the following part, under the general title *Animal and vegetable fats and oils — Gas chromatography of fatty acid methyl esters*:

- Part 2: *Preparation of methyl esters of fatty acids*
- Part 3: *Preparation of methyl esters using trimethylsulfonium hydroxide (TMSH)*

The following part is in preparation:

- Part 4: *Determination of cis-, trans-, saturated, mono- and polyunsaturated fatty acids in vegetable or non-ruminant oils and fats*

The following part is planned:

- Part 1: *Guidelines on gas chromatography*