



NSAI
Standards

Irish Standard
I.S. EN 14103:2011

Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of ester and linolenic acid methyl ester contents

I.S. EN 14103:2011

Incorporating amendments/corrigenda/National Annexes issued since publication:

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SWIFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces:
EN 14103:2003

This document is based on: EN 14103:2011
Published: 5 May, 2011

This document was published under the authority of the NSAI and comes into effect on: 5 May, 2011

ICS number:
67.200.10

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English Version

Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of ester and linolenic acid methyl ester contents

Produits dérivés des corps gras - Esters méthyliques
d'acides gras (EMAG) - Détermination de la teneur en ester
et en ester méthylique de l'acide linoléinique

Erzeugnisse aus pflanzlichen und tierischen Fetten und
Ölen - Fettsäure-Methylester (FAME) - Bestimmung des
Ester-Gehaltes und des Gehaltes an Linolensäure-
Methylester

This European Standard was approved by CEN on 10 March 2011.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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Foreword

This document (EN 14103:2011) 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of an identical text or by endorsement, at the latest by October 2011, and conflicting national standards shall be withdrawn at the latest by October 2011.

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

This document supersedes EN 14103:2003.

The main modifications of the standard are intended:

- to enlarge the scope of the method to FAME from animal fat, by changing the internal standard (FAME C19 instead of FAME C17);
- to verify the purity of the internal standard as it was proven that some lots may have a purity not good enough;
- to improve the precision data by modifying the preparation of the test portion.

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