
**Vegetable fats and oils —
Determination of composition of
triacylglycerols and composition and
content of diacylglycerols by capillary
gas chromatography**

*Corps gras d'origine végétale — Détermination de la composition
des triacylglycérols et de la teneur en diacylglycérols par
chromatographie en phase gazeuse sur colonne capillaire, dans les
huiles végétales*

(<https://standards.iteh.ai>)
Document Preview

[ISO 21846:2018](https://standards.iteh.ai/catalog/standards/iso/fe5fdaf1-6a15-4770-92c2-34c192077642/iso-21846-2018)

<https://standards.iteh.ai/catalog/standards/iso/fe5fdaf1-6a15-4770-92c2-34c192077642/iso-21846-2018>



iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO 21846:2018](https://standards.iteh.ai/catalog/standards/iso/fe5fdaf1-6a15-4770-92c2-34c192077642/iso-21846-2018)

<https://standards.iteh.ai/catalog/standards/iso/fe5fdaf1-6a15-4770-92c2-34c192077642/iso-21846-2018>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Apparatus	2
6 Reagents	2
7 Procedure	3
7.1 Gas chromatographic apparatus and capillary column condition	3
7.2 Choice of operating conditions	3
7.3 Performance of the analysis	3
7.4 Peak identification	3
7.5 Determination of percentage content of each triacylglycerol class	4
7.6 Determination of percentage content of each 1,2 diacylglycerol	4
7.7 Determination of weight percentage total content of diacylglycerols	4
8 Expression of results	5
9 Precision of the method	5
9.1 Repeatability, r	5
9.2 Reproducibility, R	5
10 Test report	5
Annex A (informative) Examples of a typical chromatograms	6
Annex B (informative) Results of an interlaboratory test	11
Bibliography	13

[ISO 21846:2018](https://standards.iteh.ai)

<https://standards.iteh.ai/catalog/standards/iso/fe5fdaf1-6a15-4770-92c2-34c192077642/iso-21846-2018>