

**SLOVENSKI STANDARD**  
**oSIST prEN ISO 15774:2016**  
**01-december-2016**

---

**Rastlinske in živalske maščobe in olja - Določevanje kadmija neposredno z grafitno pečjo z atomsko absorpcijsko spektrometrijo (ISO/FDIS 15774:2016)**

Animal and vegetable fats and oils - Determination of cadmium content by direct graphite furnace atomic absorption spectrometry (ISO/FDIS 15774:2016)

Tierische und pflanzliche Fette und Öle - Bestimmung von Cadmium mit Direkt-Graphitofen-Atomabsorptionsspektrometrie (ISO/FDIS 15774:2016)

Corps gras d'origines animale et végétale - Détermination de la teneur en cadmium par spectrométrie d'absorption atomique à four graphite (ISO/FDIS 15774:2016)

**Ta slovenski standard je istoveten z: prEN ISO 15774**

<https://standards.iteh.ai/catalog/standards/sist/b83c865b-396d-47e3-b0a2-b66cc51014dc/sist-en-iso-15774-2017>

---

**ICS:**

67.200.10	Rastlinske in živalske maščobe in olja	Animal and vegetable fats and oils
-----------	---	---------------------------------------

**oSIST prEN ISO 15774:2016**

**en**



FINAL  
DRAFT

INTERNATIONAL  
STANDARD

ISO/FDIS  
15774

ISO/TC 34/SC 11

Secretariat: BSI

Voting begins on:  
2016-10-19

Voting terminates on:  
2017-01-11

## Animal and vegetable fats and oils — Determination of cadmium content by direct graphite furnace atomic absorption spectrometry

*Corps gras d'origines animale et végétale — Détermination de la teneur en cadmium par spectrométrie d'absorption atomique à four graphite*

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

SIST EN ISO 15774:2017

<https://standards.iteh.ai/catalog/standards/sist/b83c865b-396d-47e3-b0a2-b66cc51014dc/sist-en-iso-15774-2017>

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

ISO/CEN PARALLEL PROCESSING



Reference number  
ISO/FDIS 15774:2016(E)

© ISO 2016

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

SIST EN ISO 15774:2017

<https://standards.iteh.ai/catalog/standards/sist/b83c865b-396d-47e3-b0a2-b66cc51014dc/sist-en-iso-15774-2017>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, 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  
Ch. de Blandonnet 8 • CP 401  
CH-1214 Vernier, Geneva, Switzerland  
Tel. +41 22 749 01 11  
Fax +41 22 749 09 47  
[copyright@iso.org](mailto:copyright@iso.org)  
[www.iso.org](http://www.iso.org)

# Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>1</b>
<b>5 Reagents</b> .....	<b>1</b>
<b>6 Apparatus</b> .....	<b>2</b>
<b>7 Procedure</b> .....	<b>3</b>
7.1 General.....	3
7.2 Treatment of samples, vegetable oil and standards .....	3
7.3 Preparation of apparatus .....	3
7.4 Determination .....	4
7.4.1 Graphite tube blank.....	4
7.4.2 Vegetable oil.....	4
7.4.3 Calibration of apparatus.....	4
7.4.4 Oil (liquid) samples.....	4
7.4.5 Fat samples with melting point 40 °C and higher .....	4
7.4.6 Number of determinations.....	4
<b>8 Expression of results</b> .....	<b>5</b>
<b>9 Precision</b> .....	<b>5</b>
9.1 Interlaboratory test.....	5
9.2 Repeatability.....	5
9.3 Reproducibility.....	5
<b>10 Test report</b> .....	<b>5</b>
<b>Annex A (informative) Results of interlaboratory test</b> .....	<b>6</b>

SIST EN ISO 15774:2017

<https://standards.iteh.ai/catalog/standards/sist/b83c865b-396d-47e3-b0a2-b66cc51014dc/sist-en-iso-15774-2017>

**ISO/FDIS 15774:2016(E)****Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

The committee responsible for this document is ISO/TC 34, *Food products*, Subcommittee SC 11, *Animal and vegetable fats and oils*.

This second edition cancels and replaces the first edition (ISO 15774:2000), which has been technically revised to exclude its applicability for fat coming from milk and milk products.

SIST EN ISO 15774:2017

<https://standards.iteh.ai/catalog/standards/sist/b83c865b-396d-47e3-b0a2-b66cc51014dc/sist-en-iso-15774-2017>