revISO/DISISO/FDIS 16756 IDF 259

ISO/TC 34/SC 5

Secretariat: NEN

Date: 2024-04-11<u>07-01</u>

Milk and milk products — Guidance for the application of Carr-Purcell-Meiboom-Gill (CPMG) pulsed time-domain nuclear magnetic resonance (TD-NMR) spectroscopy for fat determination

iTeh Standards

FDIS stage at

ISO/FDIS 16756

https://standards.iteh.ai/catalog/standards/iso/7851d0e4-7ade-4724-add2-59f142148a4b/iso-fdis-16756

© ISO and IDF 2024

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 E-mail: copyright@iso.org

Published in Switzerland

Website: www.iso.org

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

ISO/FDIS 16756

https://standards.iteh.ai/catalog/standards/iso/7851d0e4-7ade-4724-add2-59f142148a4b/iso-fdis-16756

Contents

Forew	ordsiv	
1	Scope1	
2	Normative references	
3	Terms and definitions	
4	Principle2	
5	Principal characteristics of NMR instruments2	
6	Apparatus2	
7 7.1 7.1.1 7.1.2	Factors affecting the measurements	
7.1.3	Magnet temperature3	
7.1.4 7.1.5 7.2 7.2.1 7.2.2	Carryover	
8 8.1 8.2	Validation and routine stability of the instrument	
9	Sampling	
10.1.2	Procedure	
11 11.1 11.2	Checking instrument stability	
12 12.1 12.2 12.3 12.4 12.5	Precision and accuracy	
13	Test report8	
Riblio	eranhy	

Forewords

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 document 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).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

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

For an explanation of the voluntary nature of standards, 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 www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 5, *Milk and milk products*, and the International Dairy Federation (IDF). It is being published jointly by ISO and IDF.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

IDF (the International Dairy Federation) is a non-profit private sector organization representing the interests of various stakeholders in dairying at the global level. IDF members are organized in National Committees, which are national associations composed of representatives of dairy-related national interest groups including dairy farmers, dairy processing industry, dairy suppliers, academics and governments/food control authorities.

ISO and IDF collaborate closely on all matters of standardization relating to methods of analysis and sampling for milk and milk products. Since 2001, ISO and IDF jointly publish their International Standards using the logos and reference numbers of both organizations.

IDF draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). IDF takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, IDF had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. IDF shall not be held responsible for identifying any or all such patent rights.

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

This document was prepared by the IDF *Standing Committee on Analytical Methods for Composition* and ISO Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 5, *Milk and milk products*. It is being published jointly by ISO and IDF.

The work was carried out by the IDF/ISO Action Team C56 of the *Standing Committee on Analytical Methods for Composition* under the aegis of its project leaders Mr P.A. Golay (CH) and Mr D. Darrell (US).

Document Preview

ISO/FDIS 16756

https://standards.iteh.ai/catalog/standards/iso/7851d0e4-7ade-4724-add2-59f142148a4b/iso-fdis-16756

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

ISO/FDIS 16756

https://standards.jteh.aj/catalog/standards/jso/7851d0e4-7ade-4724-add2-59f142148a4b/jso-fdis-16756