

STN	Šroty a výlisky z olejnatých semien Stanovenie obsahu oleja Extrakčná metóda s hexánom (alebo petroléterom) (ISO 734: 2023)	STN EN ISO 734 46 2331
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Oilseed meals - Determination of oil content - Extraction method with hexane (or light petroleum) (ISO 734:2023)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/23

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EUROPEAN STANDARD
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EN ISO 734

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Supersedes EN ISO 734:2015

English Version

**Oilseed meals - Determination of oil content - Extraction
method with hexane (or light petroleum) (ISO 734:2023)**

Tourteaux de graines oléagineuses - Détermination de
la teneur en huile - Méthode par extraction à l'hexane
(ou à l'éther de pétrole) (ISO 734:2023)

Ölsamenschrote - Bestimmung des Ölgehaltes -
Extraktionsverfahren mit Hexan (oder Petrolether)
(ISO 734:2023)

This European Standard was approved by CEN on 13 February 2023.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 734:2023 (E)

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 734:2023) 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of an identical text or by endorsement, at the latest by August 2023, and conflicting national standards shall be withdrawn at the latest by August 2023.

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

This document supersedes EN ISO 734:2015.

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Endorsement notice

The text of ISO 734:2023 has been approved by CEN as EN ISO 734:2023 without any modification.

INTERNATIONAL STANDARD

**ISO
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Third edition
2023-01

Oilseed meals — Determination of oil content — Extraction method with hexane (or light petroleum)

*Tourteaux de graines oléagineuses — Détermination de la teneur en
huile — Méthode par extraction à l'hexane (ou à l'éther de pétrole)*



Reference number
ISO 734:2023(E)

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Reagents	1
6 Apparatus	2
7 Sampling	2
8 Preparation of test sample	3
9 Procedure	3
9.1 Number of determinations.....	3
9.2 Test portion.....	3
9.3 Pre-drying.....	3
9.4 Determination.....	3
9.4.1 Preparation of the flask.....	3
9.4.2 First extraction.....	3
9.4.3 Second extraction.....	4
9.4.4 Elimination of solvent and weighing of the extract.....	4
10 Expression of results	4
11 Precision	5
11.1 Interlaboratory test.....	5
11.2 Repeatability.....	5
11.3 Reproducibility.....	5
12 Test report	5
Annex A (informative) Results of an interlaboratory test	7
Bibliography	8

ISO 734:2023(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).

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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 2, *Oleaginous seeds and fruits and oilseed meals*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 307, *Oilseeds, vegetable and animal fats and oils and their by-products — Methods of sampling and analysis*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 734:2015), which has been technically revised in order to include some safety warnings.

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.

Introduction

A method for the determination of the oil content of oilseeds is specified in ISO 659. To provide for the control of oil production, this document specifies a reference method for the determination of the oil content of oilseed meals in the same way.

Oilseed meals — Determination of oil content — Extraction method with hexane (or light petroleum)

1 Scope

This document specifies a method for the determination of the hexane extract (or light-petroleum extract), called “oil content”, of meals (excluding compounded products) obtained by the extraction of oil from oilseeds by pressure or solvents.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 771, *Oilseed meals — Determination of moisture and volatile matter content*

ISO 5502, *Oilseed residues — Preparation of test samples*

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