

STN	Anorganické hnojivá Stanovenie obsahu dusíka v IBDU (izobutyléndimočovina) a CDU (krotonyléndimočovina)	STN EN 17864 65 5022
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Inorganic fertilizers - Determination of nitrogen content in IBDU (isobutylidenediurea) and CDU (crotonylidenediurea)

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. 02/24

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EUROPEAN STANDARD

EN 17864

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 65.080

Supersedes EN 15705:2010

English Version

Inorganic fertilizers - Determination of nitrogen content in IBDU (isobutylidenediurea) and CDU (crotonylidenediurea)

Engrais inorganiques - Détermination de la teneur en
azote dans l'IBDU (isobutylidène diurée) et la CDU
(crotonylidène diurée)

Anorganische Düngemittel - Bestimmung des
Stickstoffgehalts in IBDU (Isobutylidendiharnstoff) und
CDU (Crotonylidendiharnstoff)

This European Standard was approved by CEN on 27 November 2023.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 10 January 2024.

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.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

EN 17864:2023 (E)

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European foreword

This document (EN 17864:2023) has been prepared by Technical Committee CEN/TC 260 “Fertilizers and liming materials”, the secretariat of which is held by DIN.

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 June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

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, together with EN 15705:2023, supersedes EN 15705:2010.

In comparison with EN 15705:2010, the following technical modifications have been made:

- EN 15705:2010 is split into two documents:
 - Method A of EN 15705:2010 is given in this document;
 - Method B of EN 15705:2010 is transferred to EN 15705:2023.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 17864:2023 (E)**1 Scope**

This document specifies a method for the determination of nitrogen content in IBDU (isobutylidenediurea) and CDU (crotonylidenediurea) using high-performance liquid chromatography (HPLC).

The method is applicable to all fertilizers which do not contain interfering organic compounds.

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.

EN 1482-2, *Fertilizers and liming materials — Sampling and sample preparation — Part 2: Sample preparation*

EN 12944-1, *Fertilizers and liming materials — Vocabulary — Part 1: General terms*

EN 12944-2, *Fertilizers and liming materials — Vocabulary — Part 2: Terms relating to fertilizers*

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