



SLOVENSKI STANDARD
oSIST prEN 17762:2026
01-april-2026

Anorganska gnojila - Določanje bakra v gnojilih iz amonijevega nitrata z veliko vsebnostjo dušika

Inorganic fertilizers - Determination of the copper content in ammonium nitrate fertilizers of high nitrogen content

Anorganische Düngemittel - Bestimmung des Kupfergehaltes in Ammoniumnitratdüngemitteln mit hohem Stickstoffgehalt

Engrais inorganiques - Détermination de la teneur en cuivre dans les engrais à base de nitrate d'ammonium et à forte teneur en azote

Ta slovenski standard je istoveten z: prEN 17762

ICS:

65.080 Gnojila Fertilizers

oSIST prEN 17762:2026 **en,fr,de**

Sample Document

get full document from ecommerce.sist.si

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 17762

March 2026

ICS 65.080

Will supersede CEN/TS 17762:2022

English Version

Inorganic fertilizers - Determination of the copper content in ammonium nitrate fertilizers of high nitrogen content

Engrais inorganiques - Détermination de la teneur en
cuivre dans les engrais à base de nitrate d'ammonium
et à forte teneur en azote

Anorganische Düngemittel - Bestimmung des
Kupfergehaltes in Ammoniumnitratdüngemitteln mit
hohem Stickstoffgehalt

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 260.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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.

CEN members are the national standards bodies of 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 United Kingdom.

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.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

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

© 2026 CEN All rights of exploitation in any form and by any means reserved
worldwide for CEN national Members.

Ref. No. prEN 17762:2026 E

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Principle	4
5 Reagents	4
6 Apparatus and equipment	5
6.1 Atomic absorption spectrophotometer	5
6.2 Balance	5
6.3 Beaker,	5
6.4 Graduated flask	5
6.5 Copper-free filter paper	5
7 Sampling and sample preparation	5
7.1 Sampling	5
7.2 Sample preparation	5
8 Procedure	5
8.1 Preparation of the solution for analysis	6
8.2 Blank solution	6
8.3 Determination	6
8.3.1 Preparation of sample and blank solutions	6
8.3.2 Preparation of the calibration solutions	6
8.4 Measurement	6
9 Expression of the results	6
10 Precision	6
10.1 Inter-laboratory study	6
10.2 Repeatability	7
10.3 Reproducibility	7
11 Test report	7
Annex A (informative) Results of the inter-laboratory study	8
A.1 Inter-laboratory study	8
A.2 Statistical results	8
Bibliography	10

European foreword

This document (prEN 17762:2026) has been prepared by Technical Committee CEN/TC 260 “Fertilizers and liming materials”, the secretariat of which is held by DIN.

This document is currently submitted to CEN Enquiry.

This document will supersede CEN/TS 17762:2022.

prEN 17762:2026 includes the following significant technical changes with respect to CEN/TS 17762:2022:

- a) the CEN Technical Specification has been adopted as a European Standard;
- b) update of Scope (Clause 1);
- c) update of Normative References (Clause 2);
- d) characteristics of distilled water have been added (5.1);
- e) concentration of copper solutions have been added (5.7 and 5.8);
- f) Sampling and sample preparation (Clause 7) has been updated.
- g) the measurement (8.4) has been updated;
- h) Clause 10 (Precision) and Annex A including results of inter-laboratory study added;
- i) update of Bibliography.

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.