

| | | |
|------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------|
| STN P | Produkty na hnojenie a prípravky na vápnenie Stanovenie obsahu chloridu potenciometrickou titráciou | STN P CEN/TS 17758 |
| | | 65 4914 |

Fertilizers and liming materials - Determination of the chloride content by potentiometric titration

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. 07/22

Táto predbežná slovenská technická norma je určená na overenie. Prípadné pripomienky pošlite do apríla 2024 Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

Obsahuje: CEN/TS 17758:2022

135053

TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CEN/TS 17758

April 2022

ICS 65.080

English Version

Fertilizers and liming materials - Determination of the chloride content by potentiometric titration

Engrais et amendements minéraux basiques -
Détermination de la teneur en chlorures par titrage
potentiométrique

Düngemittel und Kalkdünger - Bestimmung des
Chloridgehaltes mittels potentiometrischer Titration

This Technical Specification (CEN/TS) was approved by CEN on 13 March 2022 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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, Turkey and United Kingdom.



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

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

CEN/TS 17758:2022 (E)**Contents**

| | Page |
|-------------------------------------------------------------------------|-------------|
| European foreword | 3 |
| 1 Scope..... | 4 |
| 2 Normative references..... | 4 |
| 3 Terms and definitions..... | 4 |
| 4 Principle..... | 4 |
| 5 Reagents..... | 5 |
| 6 Apparatus and equipment..... | 5 |
| 7 Sampling..... | 6 |
| 7.1 Sampling..... | 6 |
| 7.2 Sample preparation | 6 |
| 8 Procedure | 6 |
| 8.1 Preparation of the test portion and the sample solution..... | 6 |
| 8.2 Calibration of the system (titre factor) | 6 |
| 8.3 Determination..... | 6 |
| 8.4 Control test..... | 7 |
| 9 Calculation and expression of the results..... | 7 |
| 10 Test report..... | 7 |
| Bibliography | 8 |

European foreword

This document (CEN/TS 17758:2022) has been prepared by Technical Committee CEN/TC 260 "Fertilizers and liming materials", the secretariat of which is held by DIN.

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 has been prepared under a standardization request given to CEN by the European Commission and the European Free Trade Association.

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 announce this Technical Specification: 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, Turkey and the United Kingdom.

CEN/TS 17758:2022 (E)**1 Scope**

This document specifies a method for the determination of the chloride content in organic fertilizers, organo-mineral fertilizers, inorganic fertilizers and liming materials by potentiometric titration.

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*

EN 12944-3, *Fertilizers and liming materials — Vocabulary — Part 3: Terms relating to liming materials*

koniec náhľadu – text d'alej pokračuje v platenej verzii STN