



SLOVENSKI STANDARD

oSIST prEN 18259:2025

01-december-2025

Izboljševalci tal in rastni substrati - Določanje elementov, topnih v zlatotopki

Soil improvers and growing media - Determination of aqua regia soluble elements

Bodenverbesserungsmittel und Kultursubstrate - Bestimmung von Elementen löslich in Königswasser

Amendements du sol et supports de culture - Détermination des éléments solubles dans l'eau régale

Ta slovenski standard je istoveten z: prEN 18259

[oSIST prEN 18259:2025](https://standards.iteh.ai/catalog/standards/sist/37981211-cd38-48fe-bcc3-da3e1b80abf8/osist-pren-18259-2025)

<https://standards.iteh.ai/catalog/standards/sist/37981211-cd38-48fe-bcc3-da3e1b80abf8/osist-pren-18259-2025>

ICS:

65.080

Gnojila

Fertilizers

oSIST prEN 18259:2025

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 18259

October 2025

ICS 65.080

English Version

**Soil improvers and growing media - Determination of aqua
regia soluble elements**

Amendements du sol et supports de culture -
Détermination des éléments solubles dans l'eau régale

Bodenverbesserungsmittel und Kultursubstrate -
Bestimmung von Elementen löslich in Königswasser

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 223.

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

Contents	Page
European foreword	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions.....	5
4 Principle	5
5 Interferences	5
5.1 General.....	5
5.2 Spectral interferences.....	6
5.3 Transport interferences.....	6
5.4 Excitation interferences	6
5.5 Chemical interferences.....	6
5.6 Memory interferences.....	6
6 Reagents.....	6
6.1 General.....	6
7 Apparatus	7
8 Sampling.....	8
9 Procedure	8
9.1 Preparation of test and blank solution	8
9.2 Preparation of the calibration solutions	8
9.3 Measurement.....	8
9.3.1 Instrument conditions	8
9.3.2 Optimization of the instrument conditions.....	9
9.3.3 Interferences	9
9.3.4 Matrix effects.....	9
9.3.5 Spiking	9
10 Calculation and expression of the results.....	10
11 Test report.....	11
12 Validation of the method.....	11
12.1 Validation in accordance with ISO 5725-2.....	11
12.2 Performance characteristics.....	11
Annex A (informative) Performance characteristics of the method	12
Bibliography	31

European foreword

This document (prEN 18259:2025) has been prepared by Technical Committee CEN/TC 223 “Soil improvers and growing media”, the secretariat of which is held by NEN.

This document is currently submitted to the CEN Enquiry.

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.

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

[oSIST prEN 18259:2025](https://standards.iteh.ai/catalog/standards/sist/37981211-cd38-48fe-bcc3-da3e1b80abf8/osist-pren-18259-2025)

<https://standards.iteh.ai/catalog/standards/sist/37981211-cd38-48fe-bcc3-da3e1b80abf8/osist-pren-18259-2025>