



BSI Standards Publication

Plant biostimulants — Sampling and sample preparation

Part 2: Sample preparation

National foreword

This Published Document is the UK implementation of CEN/TS 17702-2:2022.

The UK participation in its preparation was entrusted to Technical Committee EH/4/-/7, Plant Biostimulants.

A list of organizations represented on this committee can be obtained on request to its committee manager.

Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

This publication is not to be regarded as a British Standard.

© The British Standards Institution 2022
Published by BSI Standards Limited 2022

ISBN 978 0 539 17295 9

ICS 65.080

Compliance with a Published Document cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 30 June 2022.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

English Version

Plant biostimulants - Sampling and sample preparation - Part 2: Sample preparation

Biostimulants des végétaux - Échantillonnage
et préparation des échantillons - Partie
2 : Préparation des échantillons

Biostimulanzien für die pflanzliche Anwendung
- Probenahme und Probenvorbereitung
- Teil 2: Probenvorbereitung

This Technical Specification (CEN/TS) was approved by CEN on 3 January 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

Contents

Page

European foreword	iii
Introduction	iv
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Principle	7
5 Apparatus	7
5.1 General	7
6 Procedure	7
6.1 General	7
6.2 Preparation of test samples in their original condition	8
6.3 Further preparation of test samples which are to remain in their original condition	8
6.3.1 General	8
6.3.2 Preparation of test portions for physical testing	8
6.3.3 Preparation of test portions for moisture analysis	8
6.3.4 Preparation of test portions for other chemical analyses	9
6.4 Further preparation of test samples for chemical and biological analysis	9
6.4.1 General	9
6.4.2 Use of sample grinder	9
6.4.3 Use of mortar and pestle	9
6.5 Products which are difficult to grind mechanically	9
6.6 Organic matter	9
6.7 Plant biostimulants comprising several different materials	10
6.8 Fluid plant biostimulants	10
6.9 Foreign matter	10
6.10 Storage	10
6.11 Taking test portions	10
6.11.1 Solid plant biostimulants	10
6.11.2 Fluid plant biostimulants	10
7 Labelling	10
8 Sample preparation report	10
Bibliography	12

European foreword

This document (CEN/TS 17702-2:2022) has been prepared by Technical Committee CEN/TC 455 “Plant Biostimulants”, the secretariat of which is held by AFNOR.

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.

The CEN/TS 17702 series, *Plant biostimulants — Sampling and sample preparation*, consists of the following parts:

- *Part 1: Sampling;*
- *Part 2: Sample preparation.*

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.