



BSI Standards Publication

Soil quality — Determination of soil microbial diversity

Part 1: Method by phospholipid fatty acid analysis (PLFA) and phospholipid ether lipids (PLEL) analysis

National foreword

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The UK participation in its preparation was entrusted to Technical Committee EH/4, Soil quality.

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

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30 November 2014	This corrigendum renumbers DD ISO/TS 29843-1:2010 as PD CEN ISO/TS 29843-1:2014

English Version

**Soil quality - Determination of soil microbial diversity - Part 1:
Method by phospholipid fatty acid analysis (PLFA) and
phospholipid ether lipids (PLEL) analysis (ISO/TS 29843-1:2010)**

Qualité du sol - Détermination de la diversité microbienne
du sol - Partie 1: Méthode par analyse des acides gras
phospholipidiques (PLFA) et par analyse des lipides éther
phospholipidiques (PLEL) (ISO/TS 29843-1:2010)

Bodenbeschaffenheit - Bestimmung der Diversität von
Bodenmikroorganismen - Teil 1: Verfahren mittels
Phospholipidfettsäure(PLFA)-Analyse und
Phospholipidetherlipid(PLEL)-Analyse (ISO/TS 29843-
1:2010)

This Technical Specification (CEN/TS) was approved by CEN on 11 August 2014 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.

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Foreword

The text of ISO/TS 29843-1:2010 has been prepared by Technical Committee ISO/TC 190 "Soil quality" of the International Organization for Standardization (ISO) and has been taken over as CEN ISO/TS 29843-1:2014 by Technical Committee CEN/TC 345 "Characterization of soils" the secretariat of which is held by NEN.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO/TS 29843-1:2010 has been approved by CEN as CEN ISO/TS 29843-1:2014 without any modification.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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ISO/TS 29843-1 was prepared by Technical Committee ISO/TC 190, *Soil quality*, Subcommittee SC 4, *Biological methods*.

ISO/TS 29843 consists of the following parts, under the general title *Soil quality — Determination of soil microbial diversity*:

- *Part 1: Method by phospholipid fatty acid analysis (PLFA) and phospholipid ether lipids (PLEL) analysis*
- *Part 2: Method by phospholipid fatty acid analysis (PLFA) using the “simple PLFA extraction method”*