
Zemeljska dela - Kemijski preskusi - 2. del: Določanje vsebnosti organskih snovi z metodo kalijevega permanganata

Earthworks - Chemical tests - Part 2: Determination of organic matter content by potassium permanganate method

Erdarbeiten - Chemische Laborversuche - Teil 2: Bestimmung der organischen Anteile durch das Kaliumpermanganat-Verfahren

Terrassements - Essais chimiques - Partie 2 : Détermination de la teneur en matière organique par méthode au permanganate de potassium

Ta slovenski standard je istoveten z: CEN/TS 17685-2:2024

[SIST-TS CEN/TS 17685-2:2025](http://standards.slovenski-institut.si/standards/sist-ts-cen-ts-17685-2-2025)

ICS:

13.080.99	Drugi standardi v zvezi s kakovostjo tal	Other standards related to soil quality
93.020	Zemeljska dela. Izkopavanja. Gradnja temeljev. Dela pod zemljo	Earthworks. Excavations. Foundation construction. Underground works

SIST-TS CEN/TS 17685-2:2025**en,fr,de**

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English Version

**Earthworks - Chemical tests - Part 2: Determination of
organic matter content by potassium permanganate
method**

Terrassements - Essais chimiques - Partie 2 :
Détermination de la teneur en matière organique par
méthode au permanganate de potassium

Erdarbeiten - Chemische Laborversuche - Teil 2:
Bestimmung der organischen Anteile durch das
Kaliumpermanganat-Verfahren

This Technical Specification (CEN/TS) was approved by CEN on 5 August 2024 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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European foreword

This document (CEN/TS 17685-2:2024) has been prepared by Technical Committee CEN/TC 396 “Earthworks”, the secretariat of which is held by AFNOR.

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CEN/TS 17685-2:2024 (E)

Introduction

This document describes a method for the determination of the oxidizable organic matter content of a soil, which is mainly composed of fresh organic matter and fulvic and humic acids, by means of a chemical back titration with potassium permanganate.

This method is an alternative to loss on ignition (*LOI*) method for the determination of the organic matter content, but not same results as with the *LOI* method.

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