

STN	Tuhé environmentálne matrice Stanovenie halogénov a síry oxidačným pyrohydrolytickým spaľovaním s následnou iónovou chromatografiou	STN EN 17813 83 8246
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Environmental solid matrices - Determination of halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Environmental solid matrices - Determination of halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography

Matrices environnementales solides - Méthode de dosage des halogènes et du soufre par combustion pyrohydrolytique oxydative suivie d'une analyse par chromatographie ionique

Feststoffe in der Umwelt - Bestimmung von Halogenen und Schwefel durch oxidative pyrohydrolytische Verbrennung, gefolgt von Ionenchromatographie

This European Standard was approved by CEN on 23 July 2023.

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

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European foreword

This document (EN 17813:2023) has been prepared by Technical Committee CEN/TC 444 “Environmental characterization of solid matrices”, the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2024, and conflicting national standards shall be withdrawn at the latest by April 2024.

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EN 17813:2023 (E)**1 Scope**

This document specifies an empirical method for the simultaneous direct determination of the fluorine, chlorine, bromine, and sulfur content in environmental solid matrices by oxidative pyrohydrolytic combustion at $(1\ 050 \pm 50)$ °C, followed by ion chromatography. The method is applicable for the determination of concentrations ≥ 10 mg/kg of each element based on dry matter. The upper limit and exact concentration range covered depends on the blank levels of the instrumentation and the capacity of the chromatographic separation column used for determination.

NOTE 1 Simultaneous determination of iodine content is possible but currently not validated.

NOTE 2 Other detection methods can be applied if validated.

2 Normative references

There are no normative references in this document.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN