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Waste - Guidance on analysis of eluates

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English Version

Waste - Guidance on analysis of eluates

Déchets - Lignes directrices pour analyse des éluats

Abfälle - Anleitung zur analyse von Eluaten

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (CEN/TR 16192:2020) has been prepared by Technical Committee CEN/TC 444 "Test methods for environmental characterization of solid matrices", 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 shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 16192:2011.

The changes between this document and the previous edition involve updating the relevant EN and ISO standards or removing them if withdrawn, and adding new relevant standards. Furthermore, the document has changed from a normative standard into an informative report.

Introduction

This document is intended to be used for the characterization of waste as defined in the Council Directive 75/442/EEC on waste, as amended by Council Directive 91/156/EEC of 18th March 1991, and national regulations, whose final destination for disposal is landfill. In the Council Decision of 19 December 2002 establishing criteria and procedures for the acceptance of waste at landfills pursuant to Article 16 of and Annex II to Directive 1999/31/EC, the test methods are described for determining the acceptability of waste at landfills. In section 3 of the Annex of this Decision, the European standards EN 12506 and EN 13370 are included which are replaced by this document.

This document deals with the determination of chemical constituents, electrical conductivity, pH and total dissolved solids (TDS) in eluates which have been obtained by leaching of waste samples, for example using EN 12457-1 to EN 12457-4: "Characterization of waste - Leaching - Compliance test for leaching of granular waste materials and sludges". In principle, it can be used for the analysis of every kind of eluate as long as the performance characteristics of the applied analytical method fulfil the specific requirements.

1 Scope

This document summarizes methods for the determination of the parameters pH, ammonium, AOX, As, Ba, Cd, Cl⁻, easily liberatable cyanide, Co, Cr, Cr(VI), Cu, DOC/TOC, electrical conductivity, F⁻, Hg, Mo, Ni, NO₂⁻, Pb, phenol index, total S, Sb, Se, SO₄²⁻, TDS, V and Zn in aqueous eluates for the characterization of waste.

2 Normative references

There are no normative references in this document.

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