

V. 2022 VALMISTUNEET YMPÄRISTÖALAN MENETELMÄSTANDARDIT sekä ISO:n ja CENin TEKNISET RAPORTIT JA -SPESIFIKAATIOT
(julkaisut on lueteltu aihealueittain aikajärjestyksessä julkaisuajan mukaan)



Standardien tilaukset:

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Veden laatu (ISO/TC 147 ja CEN/TC 230)	Maan laatu (ISO/TC 190) ja Kiinteät ympäristönäytteet (CEN/TC 444)	Lietteet (CEN/TC 308 ja ISO/TC 275)	Hydrometria (CEN/TC 318)	Kumotut
ISO 23196:2022 Water quality — Calculation of biological equivalence (BEQ) concentrations	SFS-EN 16166:2021 Soil, treated biowaste and sludge – Determination of adsorbed organically bound halogens (AOX)		SFS-EN ISO 772:2022 Hydrometry. Vocabulary and symbols (ISO 772:2022)	SFS-ISO 8466-1:en:1996 <i>Water quality - Calibration and evaluation of analytical methods and estimation of performance characteristics - Part 1: Statistical evaluation of the linear calibration function.</i> Kumottu 29.4.2022, koska uusittu ISO 8466-1 standardi on valmistunut 17.11.2021.
SFS-EN ISO 5667-1:2022 Water quality. Sampling. Part 1: Guidance on the design of sampling programmes and sampling techniques (ISO 5667-1:2020)	ISO 23646:2022 Soil quality - Determination of organochlorine pesticides by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)		SFS-EN ISO 4373:2022 Hydrometry. Water level measuring devices (ISO 4373:2022)	ISO 20279:2005 Soil quality — Extraction of thallium and determination by electrothermal atomic absorption spectrometry Kumottu 12.1.2022 ISO/TC 190/SC 3 N 1260
SFS-EN ISO 13163:2022 Water quality. Lead-210. Test method using liquid scintillation counting (ISO 13163:2021)	SFS-EN ISO 24032:2021 Soil quality - In situ caging of snails to assess bioaccumulation of contaminants (ISO 24032:2021)		SFS-EN ISO 25377:2022 Hydrometric uncertainty guidance (HUG) (ISO 25377:2020)	ISO 11466:1995 Soil quality — Extraction of trace elements soluble in aqua regia Kumotaan 2022 ISO/TC 190/SC 3 N 1259
SFS-EN ISO 10304-4:2022 Water quality — Determination of dissolved anions by liquid chromatography of ions — Part 4: Determination of chlorate, chloride and chlorite in water with low contamination	SFS-EN 17503:2022 Soil, sludge, treated biowaste and waste. Determination of polycyclic aromatic hydrocarbons (PAH) by gas chromatography (GC) and high performance liquid chromatography (HPLC)			SFS-ISO 11466:en:2007 Soil quality — Extraction of trace elements soluble in aqua regia Tullaan kumoamaan koska vastaava ISO 11466 standardi on kumottu. Korvaava standardi: ISO 54321:2020: Soil, treated biowaste, sludge and waste - Digestion of aqua regia soluble fractions of elements.
ISO/TS 5667-25:2022 Water quality — Sampling — Part 25: Guideline on the validation of the storage time of water samples	SFS-EN 15936:2022 Soil, waste, treated biowaste and sludge. Determination of total organic carbon (TOC) by dry combustion			

SFS-EN ISO 10304-4:2022 Water quality. Determination of dissolved anions by liquid chromatography of ions. Part 4: Determination of chlorate, chloride and chlorite in water with low contamination (ISO 10304-4:2022)	ISO 11271:2022 Soil quality — Determination of redox potential — Field method			
ISO 23655-2:2022 Water quality - Nickel-59 and nickel-63 - Part 2: Test method using ICP-MS	ISO 23992:2022 Soil quality — Framework for detailed recording and monitoring of changes in dynamic soil properties			
ISO 23655-1:2022 Water quality - Nickel-59 and nickel-63 - Part 1: Test method using liquid scintillation counting	SFS-EN ISO 23611-4:2022 Soil quality — Sampling of soil invertebrates — Part 4: Sampling, extraction and identification of soil-inhabiting nematodes			
SFS-EN ISO 13165-2:2022 Water quality - Radium-226 - Part 2: Test method using emanometry (ISO 13165-2:2022)	CEN/TS 17847:2022 Characterization of waste. Determination of selected low boiling point alcohols using gas chromatography with flame ionization detection after static headspace extraction (HS-GC-FID)			
SFS-EN ISO 19040-1:2022 Water quality. Determination of the estrogenic potential of water and waste water. Part 1: Yeast estrogen screen (<i>Saccharomyces cerevisiae</i>) (ISO 19040-1:2018)	SFS-EN ISO 15799:2022 Soil quality. Guidance on the ecotoxicological characterization of soils and soil materials (ISO 15799:2019)			
SFS-EN ISO 19040-2:2022 Water quality. Determination of the estrogenic potential of water and waste water. Part 2: Yeast estrogen screen (<i>A-YES</i> , <i>Arxula adenivorans</i>) (ISO 19040-2:2018)	SFS-EN ISO 17616:2022 Soil quality. Guidance on the choice and evaluation of bioassays for ecotoxicological characterization of soils and soil materials (ISO 17616:2019)			
SFS-EN ISO 19040-3:2022 Water quality. Determination of the estrogenic potential of water and waste water. Part 3: In vitro human cell-based reporter gene assay (ISO 19040-3:2018)	SFS-EN ISO 19204:2022 Soil quality. Procedure for site-specific ecological risk assessment of soil contamination (soil quality TRIAD approach) (ISO 19204:2017)			
SFS-EN ISO 20595:2022 Water quality. Determination of selected highly volatile organic compounds in water. Method using gas chromatography and mass spectrometry by static headspace technique (HS-GC-MS) (ISO 20595:2018)	ISO 23265:2022 Soil quality - Test for estimating organic matter decomposition in contaminated soil			
SFS-EN ISO 20596-2:2022 Water quality. Determination of cyclic volatile methylsiloxanes in water. Part 2: Method using liquid-liquid extraction with gas chromatography-mass spectrometry (GC-MS) (ISO 20596-2:2021)	ISO/TS 5594:2022 Soil and water quality - Guidance and requirements for designing an interlaboratory trial for validation of biotests			

ISO 5667-26:2022 Water quality — Sampling — Part 26: Guidance on sampling for the parameters of the oceanic carbon dioxide system	SFS-CEN/TS 17883:2022 Environmental characterization of leachates from waste and soil using reproductive and toxicological gene expression in <i>Daphnia magna</i>			
EN ISO 10304-1:2009/AC:2012 Water quality. Determination of dissolved anions by liquid chromatography of ions. Part 1: Determination of bromide, chloride, fluoride, nitrate, nitrite, phosphate and sulfate. Technical Corrigendum 1 (ISO 10304-1:2007/Cor 1:2010)				
ISO 13165-1:2022 Water quality — Radium-226 — Part 1: Test method using liquid scintillation counting				