

V. 2023 VALMISTUNEET YMPÄRISTÖALAN MENETELMÄSTANDARDIT sekä ISO:n ja CENin TEKNISET RAPORTIT JA -SPESIFIKAATIOT
(julkaisut on lueteltu aihealueittain aikajärjestyksessä julkaisuajan mukaan)



Standardien tilaukset:

[Suomen standardisoimisliitto SFS](#)

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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
SFS-EN ISO 7704:2023 Water quality — Requirements for the performance testing of membrane filters used for direct enumeration of microorganisms by culture methods	SFS-EN ISO 11268-2:2023 Soil quality — Effects of pollutants on earthworms — Part 2: Determination of effects on reproduction of Eisenia fetida/Eisenia andrei and other earthworm species (ISO 11268-2:2023)	ISO 19388:2023 Sludge recovery, recycling, treatment and disposal — Requirements and recommendations for the operation of anaerobic digestion facilities	CEN/TR 17909:2023 Hydrometry. On-site measurement of snow depth and depth of snowfall	SFS 5034 Mikrobiologisissa vesitutkimuksissa käytettävien suodatinkalvojen arviointi -standardi on kumottu. Jatkossa tulee käyttää SFS-EN ISO 7704 standardia.
ISO 23695:2023 Water quality — Determination of ammonium nitrogen in water — Small-scale sealed tube method	ISO 13914:2023 Soil, treated biowaste and sludge — Determination of dioxins and furans and dioxin-like polychlorinated biphenyls by gas chromatography with high resolution mass selective detection (HR GC-MS)	CEN ISO/TR 20736:2023 Sludge recovery, recycling, treatment and disposal — Guidance on thermal treatment of sludge	SFS-EN 17694-1:2023 Hydrometry. Minimum performance requirements and test procedures for water monitoring equipment. Devices for the determination of flow. Part 1: Open channel instrumentation	147-sarjan SFS-käsikirjat, 190-sarjan SFS-käsikirjat ja 94-sarjan SFS-käsikirjat.
ISO 23696-1:2023 Water quality — Determination of nitrate in water using small-scale sealed tubes — Part 1: Dimethylphenol colour reaction	SFS-EN ISO 16387:2023 Soil quality. Effects of contaminants on Enchytraeidae (Enchytraeus sp.). Determination of effects on reproduction (ISO 16387:2023)	ISO/TR 22707:2023 Sludge recovery, recycling, treatment and disposal — Information on the processes and technologies for inorganic substance and nutrient recovery	SFS-EN 17694-2:2023 Hydrometry. Minimum performance requirements and test procedures for water monitoring equipment. Devices for the determination of flow. Part 2: Closed conduit instrumentation	SFS-EN 17322:2020 kumotaan ja se korvataan EN ISO 18475:2023 standardilla, sisältöön ei tule muutoksia.
ISO 23696-2:2023 Water quality — Determination of nitrate in water using small-scale sealed tubes — Part 2: Chromotropic acid colour reaction	ISO 5120:2023 Soil quality — Determination of perchlorate in soil using liquid chromatography-tandem mass spectrometry (LC-MS/MS)		CEN/TR 17993:2023 Calibration and accuracy of non-catching precipitation measurement instruments	ISO 6107-9:1997 kumotaan

<p>ISO 23697-1:2023 Water quality — Determination of total bound nitrogen (ST-TNb) in water using small-scale sealed tubes — Part 1: Dimethylphenol colour reaction</p>	<p>ISO 4974:2023 Soil quality — Guidance on soil temperature measurement</p>			
<p>ISO 23697-2:2023 Water quality — Determination of total bound nitrogen (ST-TNb) in water using small-scale sealed tubes — Part 2: Chromotropic acid colour reaction</p>	<p>SFS-EN ISO 11267:2023 Soil quality. Inhibition of reproduction of Collembola (<i>Folsomia candida</i>) by soil contaminants</p>			
<p>SFS-EN 17805:2023 Water quality. Sampling, capture and preservation of environmental DNA from water</p>	<p>ISO 18400-301:2023 Soil quality — Sampling — Part 301: Sampling and on site semi-quantitative determinations of volatile organic compounds in field investigations</p>			
<p>SFS-EN ISO 5667-1:2023 Water quality. Sampling. Part 1: Guidance on the design of sampling programmes and sampling techniques (ISO 5667-1:2023)</p>	<p>Tulossa SFS-EN ISO 18475:2023 Environmental solid matrices — Determination of polychlorinated biphenyls (PCB) by gas chromatography - mass selective detection (GC-MS) or electron-capture detection (GC-ECD)</p>			
<p>SFS-EN 17075:2018+A1:2023 Water quality. General requirements and performance test procedures for water monitoring equipment. Continuous measuring devices</p>	<p>SFS-EN 17813:2023 Environmental solid matrices. Determination of halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography</p>			
<p>ISO 23256:2023 Water quality — Detection of selected congeners of polychlorinated dibenzo-p-dioxins and polychlorinated biphenyls — Method using a flow immunosensor technique</p>	<p>SFS-EN 17505:2023 Soil and waste characterization. Temperature dependent differentiation of total carbon (TOC400, ROC, TIC900)</p>			
<p>ISO 4979:2023 Water quality — Aquatic toxicity test based on root re-growth in Lemna minor</p>	<p>SFS-EN 17516:2023 Waste. Characterization of granular solids with potential for use as construction material. Compliance leaching test. Up-flow percolation test</p>			

SFS-EN 16479:2023 Water quality. Performance requirements and conformity test procedures for water monitoring equipment. Automatic sampling devices (samplers) for water and waste water	ISO 21268-5:2023 Soil quality — Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials — Part 5: Batch test with forced aerobic or anaerobic conditions			
ISO TS 7013:2023 Water quality — Guidance and requirements for designing an interlaboratory trial for validation of analytical methods	ISO/TS 22171:2023 Soil quality — Determination of potential cation exchange capacity (CEC) and exchangeable cations buffered at pH 7, using a molar ammonium acetate solution			
ISO 13167:2023 Water quality — Plutonium, americium, curium and neptunium — Test method using alpha spectrometry				
SFS-EN ISO 13164-4:2023 Water quality — Radon-222 — Part 4: Test method using two-phase liquid scintillation counting				
SFS-EN ISO 23196:2023 Water quality. Calculation of biological equivalence (BEQ) concentrations (ISO 23196:2022)				
SFS-EN ISO 17294-2:2023 Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS) — Part 2: Determination of selected elements including uranium isotopes (ISO 17294-2:2023)				
ISO 4722-1:2023 Water quality — Thorium 232 — Part 1: Test method using alpha spectrometry				
ISO 4723:2023 Water quality — Actinium-227 — Test method using alpha-spectrometry				
ISO 13168:2023 Water quality — Simultaneous determination of tritium and carbon 14 activities — Test method using liquid scintillation counting				