

Date

Reference

2022-05-06

2021/172

## Scope of accreditation

### Testing laboratory according to SS-EN ISO/IEC 17025:2018

Eurofins Water Testing Sweden AB

Lidköping

Accreditation number

10300

Lidköping

A013949-001

### Activity measurement

<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
Water analysis	Radon	Analys av radon i vatten – metodbeskrivning, Strålsäkerhetsmyndigheten 2013	Liquid scintillation spectrometry	Drinking water	Yes	2	No	
			Liquid scintillation spectrometry	Fresh water	Yes	2	No	
			Liquid scintillation spectrometry	Sea water	Yes	2	No	

### Chemical analysis

<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
Water analysis	Absorbance	SS-EN ISO 7887, del B, mod	Flow analysis/Spectrometry	Drinking water	Yes	2	No	
			Flow analysis/Spectrometry	Fresh water	Yes	2	No	
			Flow analysis/Spectrometry	Sea water	Yes	2	No	
	Acidity	SM 2310 B	Titration	Drinking water	Yes	2	No	
			Titration	Fresh water	Yes	2	No	
	Alkalinity	SS-EN ISO 9963-2	Titration	Drinking water	Yes	2	No	
Titration			Fresh water	Yes	2	No		

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Water analysis	Alkalinity	SS-EN ISO 9963-2	Titration	Waste water/Leach water	Yes	2	No	
	Ammonium as nitrogen	ISO 15923-1	Discrete analysis/Photometry	Drinking water	Yes	2	No	Annex B
			Discrete analysis/Photometry	Fresh water	Yes	2	No	Annex B
			Discrete analysis/Photometry	Waste water/Leach water	Yes	2	No	Annex B
		SS-EN ISO 11732	Flow analysis/Spectrometry	Drinking water	Yes	2	No	
			Flow analysis/Spectrometry	Fresh water	Yes	2	No	
			Flow analysis/Spectrometry	Sea water	Yes	2	No	
	Biochemical oxygen demand, 5 days, BOD5	ISO 5815-2/ISO 17289	Optical sensor	Fresh water	Yes	2	No	
			Optical sensor	Waste water/Leach water	Yes	2	No	
		SS-EN ISO 5815-1/ISO 17289	Optical sensor	Fresh water	Yes	2	No	
			Optical sensor	Waste water/Leach water	Yes	2	No	
	Biochemical oxygen demand, 7 days, BOD7	ISO 5815-2/ISO 17289	Optical sensor	Fresh water	Yes	2	No	

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Water analysis	Biochemical oxygen demand, 7 days, BOD7	ISO 5815-2/ISO 17289	Optical sensor	Waste water/Leach water	Yes	2	No	
		SS-EN ISO 5815-1/ISO 17289	Optical sensor	Fresh water	Yes	2	No	
			Optical sensor	Waste water/Leach water	Yes	2	No	
	Chemical oxygen demand, COD-Cr	ISO 15705	Photometry	Fresh water	Yes	2	No	
			Photometry	Waste water/Leach water	Yes	2	No	
	Chemical oxygen demand, COD-Mn	SS-EN ISO 8467	Flow analysis/Spectrometry	Drinking water	Yes	2	No	
			Flow analysis/Spectrometry	Fresh water	Yes	2	No	
	Chloride	SS-EN ISO 10304-1	Ion chromatography	Drinking water	Yes	2	No	
			Ion chromatography	Fresh water	Yes	2	No	
			Ion chromatography	Sea water	Yes	2	No	
			Ion chromatography	Waste water/Leach water	Yes	2	No	
	Colour	SS-EN ISO 7887, del C	Photometry	Drinking water	Yes	2	No	
			Photometry	Fresh water	Yes	2	No	
	Conductivity	SS-EN 27888	Electrode	Drinking water	Yes	2	No	
Electrode			Fresh water	Yes	2	No		
Electrode			Sea water	Yes	2	No		

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Water analysis	Conductivity	SS-EN 27888	Electrode	Waste water/Leach water	Yes	2	No	
	Cyanide, total and free	SS-EN ISO 14403-2	Flow analysis/Spectrometry	Drinking water	Yes	2	No	
			Flow analysis/Spectrometry	Fresh water	Yes	2	No	
			Flow analysis/Spectrometry	Waste water/Leach water	Yes	2	No	
		SS-EN ISO 17380	Flow analysis/Spectrometry	Soil	Yes	2	No	
	Fluoride	ISO/TS 15923-2	Discrete analysis/Photometry	Drinking water	Yes	2	No	Annex C
			Discrete analysis/Photometry	Fresh water	Yes	2	No	Annex C
		SS-EN ISO 10304-1	Ion chromatography	Drinking water	Yes	2	No	
			Ion chromatography	Fresh water	Yes	2	No	
			Ion chromatography	Waste water/Leach water	Yes	2	No	
	Nitrate nitrogen	ISO 15923-1	Calculation		Yes	2	No	
		SS-EN ISO 13395	Calculation		Yes	2	No	

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Water analysis	Nitrite nitrogen	ISO 15923-1	Discrete analysis/Photometry	Drinking water	Yes	2	No	Annex D
			Discrete analysis/Photometry	Fresh water	Yes	2	No	Annex D
			Discrete analysis/Photometry	Waste water/Leach water	Yes	2	No	Annex D
		SS-EN ISO 13395	Flow analysis/Spectrometry	Drinking water	Yes	2	No	
			Flow analysis/Spectrometry	Fresh water	Yes	2	No	
			Flow analysis/Spectrometry	Sea water	Yes	2	No	
			Flow analysis/Spectrometry	Waste water/Leach water	Yes	2	No	
	Nitrite nitrogen and nitrate nitrogen	ISO 15923-1	Discrete analysis/Photometry	Drinking water	Yes	2	No	Annex C
			Discrete analysis/Photometry	Fresh water	Yes	2	No	Annex C
			Discrete analysis/Photometry	Waste water/Leach water	Yes	2	No	Annex C
		SS-EN ISO 13395	Flow analysis/Spectrometry	Drinking water	Yes	2	No	

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Water analysis	Nitrite nitrogen and nitrate nitrogen	SS-EN ISO 13395	Flow analysis/Spectrometry	Fresh water	Yes	2	No		
			Flow analysis/Spectrometry	Sea water	Yes	2	No		
			Flow analysis/Spectrometry	Waste water/Leach water	Yes	2	No		
	Nitrogen, total	ISO 29441	Flow analysis/Spectrometry	Drinking water	Yes	2	No		
			Flow analysis/Spectrometry	Fresh water	Yes	2	No		
			Flow analysis/Spectrometry	Waste water/Leach water	Yes	2	No		
			SS-EN ISO 11905-1	Flow analysis/Spectrometry	Drinking water	Yes	2	No	
				Flow analysis/Spectrometry	Fresh water	Yes	2	No	
				Flow analysis/Spectrometry	Sea water	Yes	2	No	
				Flow analysis/Spectrometry	Waste water/Leach water	Yes	2	No	
Oxygen, dissolved	SS-EN 25813	Titration	Fresh water	Yes	2	No			

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Water analysis	Oxygen, dissolved	SS-EN 25813	Titration	Waste water/Leach water	Yes	2	No	
	pH	SS-EN ISO 10523	Electrode	Drinking water	Yes	2	No	
			Electrode	Fresh water	Yes	2	No	
			Electrode	Sea water	Yes	2	No	
			Electrode	Waste water/Leach water	Yes	2	No	
	Phenol index	SS-EN ISO 14402	Flow analysis/Spectrometry	Drinking water	Yes	2	No	
			Flow analysis/Spectrometry	Fresh water	Yes	2	No	
			Flow analysis/Spectrometry	Sludges/sediments	Yes	2	No	
			Flow analysis/Spectrometry	Soil	Yes	2	No	
			Flow analysis/Spectrometry	Waste water/Leach water	Yes	2	No	
	Phosphate phosphorous	ISO 15923-1	Discrete analysis/Photometry	Drinking water	Yes	2	No	Annex F
			Discrete analysis/Photometry	Fresh water	Yes	2	No	Annex F

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Water analysis	Phosphate phosphorous	ISO 15923-1	Discrete analysis/Photometry	Waste water/Leach water	Yes	2	No	Annex F
		SS-EN ISO 15681-2	Flow analysis/Spectrometry	Drinking water	Yes	2	No	
			Flow analysis/Spectrometry	Fresh water	Yes	2	No	
			Flow analysis/Spectrometry	Sea water	Yes	2	No	
	Phosphorous, total	SS-EN ISO 15681-2	Flow analysis/Spectrometry	Drinking water	Yes	2	No	
			Flow analysis/Spectrometry	Fresh water	Yes	2	No	
			Flow analysis/Spectrometry	Sea water	Yes	2	No	
			Flow analysis/Spectrometry	Waste water/Leach water	Yes	2	No	
	Silicon, Si	SS-EN ISO 16264	Flow analysis/Spectrometry	Drinking water	Yes	2	No	
			Flow analysis/Spectrometry	Fresh water	Yes	2	No	
			Flow analysis/Spectrometry	Sea water	Yes	2	No	



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Water analysis	Sulfate	ISO 15923-1	Discrete analysis/Photometry	Drinking water	Yes	2	No	Annex G	
			Discrete analysis/Photometry	Fresh water	Yes	2	No	Annex G	
			Discrete analysis/Photometry	Waste water/Leach water	Yes	2	No	Annex G	
		SS-EN ISO 10304-1	Ion chromatography	Drinking water	Yes	2	No		
			Ion chromatography	Fresh water	Yes	2	No		
			Ion chromatography	Sea water	Yes	2	No		
			Ion chromatography	Waste water/Leach water	Yes	2	No		
		Suspended solids	SS-EN 872	Gravimetry	Fresh water	Yes	2	No	
				Gravimetry	Sludges/sediments	Yes	2	No	
	Gravimetry			Waste water/Leach water	Yes	2	No		
	Suspended solids, Residue of ignition	SS 028112	Gravimetry	Fresh water	Yes	2	No		
			Gravimetry	Waste water/Leach water	Yes	2	No		
	Total organic carbon, TOC	SS-EN 1484	Combustion	Drinking water	Yes	2	No		
Combustion			Fresh water	Yes	2	No			

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Water analysis	Total organic carbon, TOC	SS-EN 1484	Combustion	Waste water/Leach water	Yes	2	No	
	Turbidity	SS-EN ISO 7027-1	Nephelometry	Drinking water	Yes	2	No	
			Nephelometry	Fresh water	Yes	2	No	

Changes in the scope of accreditation are in bold.

The scope of accreditation is flexible as specified in this decision. The accredited body must always retain a current list of the scope for which it is accredited.

Type of flexible scope

- 1: - Introduce new version of standard method and make editorial changes to non-standard method
- 2: - Introduce new version of standard method and make editorial changes to non-standard method - Introduce new version and modifications of non-standard method. The procedure must be equivalent - Introduce new parameter/component/characteristics - Introduce new measurement range - Introduce new material/new products/matrices - Introduce new method equivalent to methods already in the accreditation decision