

Scope of accreditation

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

ALS Scandinavia AB

Stockholm

Danderyd

Accreditation number

2030

A003219-005

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>
	Asbestos, identification	SS ISO 22262-1	SEM-EDX	Construction products	Yes	2	No
	Numerical concentration of inorganic fibers	ISO 14966	SEM-EDX	Air	Yes	2	No
Inorganic chemistry	Antimony, Sb	SS-EN ISO 17294-2/SS-EN 54321	ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
	Arsenic, As	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes	2	No
			ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
		SS-EN ISO 17294-2/SS-EN 54321	ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
	Barium, Ba	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes	2	No
			ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
			SS-EN ISO 17294-2/SS-EN 54321	ICP-MS	Sludges/sediments	Yes	2
			ICP-MS	Soil	Yes	2	No
	Cadmium, Cd	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes	2	No
			ICP-MS	Sludges/sediments	Yes	2	No
ICP-MS			Soil	Yes	2	No	
		SS-EN ISO 17294-2/SS-EN 54321	ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No

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Inorganic chemistry	Chromium, Cr	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes	2	No
			ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
		SS-EN ISO 17294-2/SS-EN 54321	ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
			Cobalt, Co	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes
	ICP-MS	Sludges/sediments			Yes	2	No
	ICP-MS	Soil			Yes	2	No
	SS-EN ISO 17294-2/SS-EN 54321	ICP-MS		Sludges/sediments	Yes	2	No
		ICP-MS		Soil	Yes	2	No
		Copper, Cu		SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes
	ICP-MS		Sludges/sediments		Yes	2	No
	ICP-MS		Soil		Yes	2	No
	SS-EN ISO 17294-2/SS-EN 54321		ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
			Iron, Fe	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes
	ICP-MS	Sludges/sediments			Yes	2	No
	ICP-MS	Soil			Yes	2	No
SS-EN ISO 17294-2/SS-EN 54321	ICP-MS	Sludges/sediments		Yes	2	No	
	ICP-MS	Soil		Yes	2	No	
	Lead, Pb	SS-EN ISO 17294-2/SS 028150		ICP-MS	Construction products	Yes	2
ICP-MS			Sludges/sediments	Yes	2	No	
ICP-MS			Soil	Yes	2	No	
SS-EN ISO 17294-2/SS-EN 54321		ICP-MS	Sludges/sediments	Yes	2	No	
		ICP-MS	Soil	Yes	2	No	

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Inorganic chemistry	Manganese, Mn	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes	2	No
			ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
		SS-EN ISO 17294-2/SS-EN 54321	ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
	Mercury, Hg	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes	2	No
			ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
		SS-EN ISO 17294-2/SS-EN 54321	ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
	Nickel, Ni	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes	2	No
			ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
		SS-EN ISO 17294-2/SS-EN 54321	ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
	Sulfur, total	SS-ISO 15178	Combustion	Rock	Yes	2	No
	Total carbon, TC	SS-EN 15936	Combustion	Rock	Yes	2	No
	Vanadium, V	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes	2	No
ICP-MS			Sludges/sediments	Yes	2	No	
ICP-MS			Soil	Yes	2	No	
SS-EN ISO 17294-2/SS-EN 54321		ICP-MS	Sludges/sediments	Yes	2	No	
		ICP-MS	Soil	Yes	2	No	
Zinc, Zn	SS-EN ISO 17294-2/SS 028150	ICP-MS	Construction products	Yes	2	No	
		ICP-MS	Sludges/sediments	Yes	2	No	
		ICP-MS	Soil	Yes	2	No	

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Inorganic chemistry	Zinc, Zn	SS-EN ISO 17294-2/SS-EN 54321	ICP-MS	Sludges/sediments	Yes	2	No
			ICP-MS	Soil	Yes	2	No
Organic chemistry	Aliphatic hydrocarbons	EPA Method 5021	GC-MS, headspace	Drinking water	Yes	2	No
			GC-MS, headspace	Fresh water	Yes	2	No
			GC-MS, headspace	Sludges/sediments	Yes	2	No
			GC-MS, headspace	Soil	Yes	2	No
			GC-MS, headspace	Waste water/Leach water	Yes	2	No
	BTEX	EPA Method 5021	GC-MS, headspace	Drinking water	Yes	2	No
			GC-MS, headspace	Fresh water	Yes	2	No
			GC-MS, headspace	Sludges/sediments	Yes	2	No
			GC-MS, headspace	Soil	Yes	2	No
			GC-MS, headspace	Waste water/Leach water	Yes	2	No
	Carbon, volatile organic carbon, (VOC)	SS-EN ISO 10301	GC-MS, headspace	Drinking water	Yes	2	No
			GC-MS, headspace	Fresh water	Yes	2	No
			GC-MS, headspace	Waste water/Leach water	Yes	2	No

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Organic chemistry	Carbon, volatile organic carbon, (VOC)	SS-EN ISO 22155	GC-MS, headspace	Sludges/sediments	Yes	2	No	
			GC-MS, headspace	Soil	Yes	2	No	
	Hydrocarbon oilindex	SS-EN ISO 9377-2	GC-FID	Drinking water	Yes	2	No	
			GC-FID	Fresh water	Yes	2	No	
			GC-FID	Waste water/Leach water	Yes	2	No	
	Hydrocarbon oilindex (C10-C40)	SS-EN ISO 16703, mod	GC-FID	Sludges/sediments	Yes	2	No	
			GC-FID	Soil	Yes	2	No	
	MTBE	EPA Method 5021	GC-MS, headspace	Drinking water	Yes	2	No	
			GC-MS, headspace	Fresh water	Yes	2	No	
			GC-MS, headspace	Sludges/sediments	Yes	2	No	
			GC-MS, headspace	Soil	Yes	2	No	
			GC-MS, headspace	Waste water/Leach water	Yes	2	No	
	Organic contaminants and pesticides	Aliphatic hydrocarbons	SPIMFAB	GC-MS	Construction products	Yes	2	No
				GC-MS	Drinking water	Yes	2	No
GC-MS				Fresh water	Yes	2	No	
GC-MS				Sludges/sediments	Yes	2	No	
GC-MS				Soil	Yes	2	No	
GC-MS				Waste water/Leach water	Yes	2	No	

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Organic contaminants and pesticides	Aromatic hydrocarbons	SPIMFAB	GC-MS	Construction products	Yes	2	No
			GC-MS	Drinking water	Yes	2	No
			GC-MS	Fresh water	Yes	2	No
			GC-MS	Sludges/sediments	Yes	2	No
			GC-MS	Soil	Yes	2	No
			GC-MS	Waste water/Leach water	Yes	2	No
	PAH	SPIMFAB	GC-MS	Construction products	Yes	2	No
			GC-MS	Drinking water	Yes	2	No
			GC-MS	Fresh water	Yes	2	No
			GC-MS	Sludges/sediments	Yes	2	No
			GC-MS	Soil	Yes	2	No
			GC-MS	Waste water/Leach water	Yes	2	No
		SS-ISO 18287	GC-MS	Asphalt	Yes	2	No
			GC-MS	Construction products	Yes	2	No
			GC-MS	Sludges/sediments	Yes	2	No
			GC-MS	Soil	Yes	2	No
	PCB	SS-EN 17322	GC-MS	Sludges/sediments	Yes	2	No
			GC-MS	Soil	Yes	2	No
	PFAS	US EPA 533	LC-MS	Drinking water	Yes	2	No
			LC-MS	Fresh water	Yes	2	No
LC-MS			Waste water/Leach water	Yes	2	No	
Water analysis	Alkalinity	SS-EN ISO 9963-2	Titration	Drinking water	Yes	2	No
			Titration	Fresh water	Yes	2	No

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Water analysis	Chloride	ISO 15923-1	Discrete analysis/Photometry	Drinking water	Yes	2	No
			Discrete analysis/Photometry	Fresh water	Yes	2	No
			Discrete analysis/Photometry	Waste water/Leach water	Yes	2	No
	Conductivity	SS-EN 27888	Electrode	Drinking water	Yes	2	No
			Electrode	Fresh water	Yes	2	No
			Electrode	Waste water/Leach water	Yes	2	No
	Dry matter	SS-EN 15934	Gravimetry	Sludges/sediments	Yes	2	No
			Gravimetry	Soil	Yes	2	No
	Fluoride	ISO 10359-1	Ion selective electrode	Drinking water	Yes	2	No
			Ion selective electrode	Fresh water	Yes	2	No
			Ion selective electrode	Waste water/Leach water	Yes	2	No
	Nitrite nitrogen	ISO 15923-1	Discrete analysis/Photometry	Drinking water	Yes	2	No
			Discrete analysis/Photometry	Fresh water	Yes	2	No
			Discrete analysis/Photometry	Waste water/Leach water	Yes	2	No

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Water analysis	Nitrogen, total, TNb	SS-EN ISO 20236	Combustion	Drinking water	Yes	2	No
			Combustion	Fresh water	Yes	2	No
			Combustion	Waste water/Leach water	Yes	2	No
	Odour	Inhouse method; SOP-0524		Drinking water	Yes	2	No
				Fresh water	Yes	2	No
	pH	SS-EN ISO 10523	Electrode	Drinking water	Yes	2	No
			Electrode	Fresh water	Yes	2	No
			Electrode	Waste water/Leach water	Yes	2	No
	Residue of ignition	SS-EN 15935	Gravimetry	Sludges/sediments	Yes	2	No
			Gravimetry	Soil	Yes	2	No
	Sulfate	ISO 15923-1	Discrete analysis/Photometry	Drinking water	Yes	2	No
			Discrete analysis/Photometry	Fresh water	Yes	2	No
			Discrete analysis/Photometry	Waste water/Leach water	Yes	2	No
	Suspended solids	SS-EN 872	Gravimetry	Fresh water	Yes	2	No
			Gravimetry	Sea water	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	

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

Occupational and Environmental Medicine

<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>
	Dust	Inhouse method TKI103	Gravimetry	Filter	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