

ACKREDITERINGSCERTIFIKAT/ACCREDITATION CERTIFICATE



Akkred. nr 1890
Testing
ISO/IEC 17025

Degerfors Laboratorium AB

Registration number 556609-0444

är ackrediterat som provningslaboratorium för uppgifter enligt bilaga 1 i beslut daterat 2024-05-03/is accredited as a testing laboratory for the scope specified in appendix 1 to decision dated 2024-05-03.

Laboratoriet är ackrediterat enligt den internationella standarden ISO/IEC 17025:2017. Ackrediteringen innebär att det ackrediterade laboratoriet har bedömts ha erforderlig kompetens och att opartiskt och konsekvent utföra ackrediterade tjänster inom de områden som definieras i bilaga 1 enligt ovan. Det ackrediterade laboratoriet ansvarar för resultat av utförd provning./This laboratory is accredited to the International Standard ISO/IEC 17025:2017. The accreditation is a recognition of the competence for and consistent performance and impartiality in the provision of the services defined in appendix 1. The accredited laboratory is responsible for the outcome of performed testing.

Akkrediteringen gäller tillsvidare. Styrelsen för ackreditering och teknisk kontroll (Swedac) genomför regelbundet tillsyn, och vart fjärde år en förnyad bedömning, för att bekräfta att gällande krav för ackrediteringen kontinuerligt uppfylls./The accreditation is valid until further notice. The Swedish Board for Accreditation and Conformity Assessment (Swedac) regularly carries out surveillance, and a full reassessment every fourth year, in order to verify that the applicable requirements for accreditation continuously are fulfilled.

Detta ackrediteringscertifikat utfärdades 2024-05-03/This accreditation certificate was issued 2024-05-03

Elisabeth Hallin-Bergvall,

Enhetschef enheten för miljö och hälsa/Division Manager of the Health and Environment Division

Beslutet om ackreditering utfärdades med stöd av artikel 5.1 i Europaparlamentets och rådets förordning (EG) nr 765/2008 om krav för ackreditering och marknadskontroll m.m. och lagen (2011:791) om ackreditering och teknisk kontroll. Swedac är nationellt ackrediteringsorgan ansvarigt för bedömning av certifieringsorgan, kontrollorgan, laboratorier, miljökontrollanter, verifierings-/valideringsorgan och arrangörer av program för kompetensprövning som ansöker om ackreditering. Den här ackrediteringen har utfärdats under EA:s MLA-avtal och kan därmed betraktas som likvärdig andra ackrediteringar under EA:s MLA-avtal med samma ackrediteringsomfattning. /Accreditation was granted in accordance with Article 5 (1) of Regulation (EC) No 765/2008 regarding accreditation and market surveillance etc. and the Act (SFS 2011:791) concerning Accreditation and Conformity Assessment. Swedac is the Swedish national accreditation body responsible for the assessment of certification bodies, inspection bodies, laboratories, environmental verifiers, validation and verification bodies and bodies for providing programme for proficiency testing applying for accreditation. This accreditation has been issued under the EA MLA and is therefore recognised as equivalent to other accreditations with the same scope of accreditation issued under the EA MLA.

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Decision on changed accreditation

(2 appendices)

Decision

The Swedish Board for Accreditation and Conformity Assessment (Swedac) decides to change the accreditation of Degerfors Laboratorium AB (registration number 556609-0444) in accordance with the application/notification dated 2023-09-14, case file 2022/2552. The issued accreditation is of the scope detailed in Appendix 1. This decision replaces previous decisions dated 2021-07-09, case file 2020/1084.

The accreditation is valid until further notice.

Basis for decision

Degerfors Laboratorium AB has applied for changed accreditation as a testing laboratory.

Based on the performed assessment of Degerfors Laboratorium AB it is Swedac's judgment that Degerfors Laboratorium AB fulfils the accreditation requirements for the scope of accreditation detailed in Appendix 1.

Changes refer to modifications within flexible accreditation.

Information concerning requirements for accreditation

An accredited body is obliged continuously to fulfil the requirements for accreditation. Failing this, Swedac may decide to withdraw the accreditation. The applicable requirements for your accreditation are detailed at www.swedac.se (<https://search.swedac.se/en/accreditations>).

Swedac performs surveillance of the accredited activities in accordance with its regulations for accreditation. The cost of the surveillance activities are borne by the accredited bodies through the payment of an annual accreditation fee. The fee regulation currently applicable are found at www.swedac.se.

Applications for extension or reduction of the scope of accreditation shall be submitted to Swedac. The application forms currently applicable are found at www.swedac.se.

When applying to extension or reduction of the scope of accreditation, you will be charged an application fee according to the current fee regulations.

This decision has been taken by the Division Manager Elisabeth Hallin-Bergvall after a hearing, detailing the pertinent particular circumstances, with case officer Lina Sauer.

Elisabeth Hallin-Bergvall

Appendices

1. Scope of Accreditation
Accreditation Certificate

Please notice that this is a translation. In case of any discrepancies between the English version and the original Swedish version the latter shall prevail.

Date

Reference

2024-05-03

2022/2552

Scope of accreditation

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

Degerfors Laboratorium AB

Degerfors

Accreditation number

1890

A003432-001

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>
Inorganic chemistry	Aluminium oxide Al ₂ O ₃	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No
	Aluminium, Al	ASTM E1086	OES	Steel	Yes	2	No
		ASTM E1999	OES	Iron/Iron alloys	Yes	2	No
		ASTM E539	XRF	Titanium/Titanium alloys	Yes	2	No
		SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
	Antimony, Sb	SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No
	Arsenic, As	ASTM E1086	OES	Steel	Yes	2	No
		ASTM E1999	OES	Iron/Iron alloys	Yes	2	No
		SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No
	Bismut, Bi	JK 250D Method 5.4-067M	GFAA	Steel	Yes	2	No
		SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No
	Boron, B	ASTM E1086	OES	Steel	Yes	2	No
		ASTM E1999	OES	Iron/Iron alloys	Yes	2	No
	Cadmium, Cd	SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No
	Calcium oxide, CaO	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No

Date

Reference

2024-05-03

2022/2552

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>
Inorganic chemistry	Carbon, C	ASTM E1019, mod	Combustion	Iron/Iron alloys	Yes	2	No
			Combustion	Metallic materials	Yes	2	No
			Combustion	Solid materials	Yes	2	No
			Combustion	Steel	Yes	2	No
		ASTM E1941	Combustion	Titanium/Titanium alloys	Yes	2	No
		SS-EN ISO 21068-2	Combustion	Metallic materials	Yes	2	No
	Chromium, Cr	ASTM E1999	OES	Iron/Iron alloys	Yes	2	No
		ASTM E572	XRF	Steel	Yes	2	No
		SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No
	Chromiumoxide, Cr2O3	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No
	Cobalt, Co	ASTM E1086	OES	Steel	Yes	2	No
		ASTM E1999	OES	Iron/Iron alloys	Yes	2	No
		ASTM E572	XRF	Steel	Yes	2	No
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No
	Copper, Cu	ASTM E1999	OES	Iron/Iron alloys	Yes	2	No
		ASTM E572	XRF	Steel	Yes	2	No
		SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No
	Hydrogen, H	ASTM E1447	Combustion	Titanium/Titanium alloys	Yes	2	No
Iron, Fe	ASTM E539	XRF	Titanium/Titanium alloys	Yes	2	No	
	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No	
	SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No	
	SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No	

Date

Reference

2024-05-03

2022/2552

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>
Inorganic chemistry	Lead, Pb	JK 250D Method 5.4-067M	GFAA	Steel	Yes	2	No
		SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No
	Magnesium oxide, MgO	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No
	Magnesium, Mg	ASTM E1999	OES	Iron/Iron alloys	Yes	2	No
	Manganese, Mn	ASTM E1999	OES	Iron/Iron alloys	Yes	2	No
		ASTM E572	XRF	Steel	Yes	2	No
		ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No
		SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
	Molybdenum, Mo	SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No
		ASTM E1999	OES	Iron/Iron alloys	Yes	2	No
		ASTM E572	XRF	Steel	Yes	2	No
	Nickel oxide, NiO	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No
	Nickel, Ni	ASTM E1999	OES	Iron/Iron alloys	Yes	2	No
		ASTM E572	XRF	Steel	Yes	2	No
		SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No
	Niob, Nb	ASTM E572	XRF	Steel	Yes	2	No
	Nitrogen, N	ASTM E1019	Combustion	Steel	Yes	2	No
		ASTM E1019, mod	Combustion	Steel	Yes	2	No
		ASTM E1409	Combustion	Titanium/Titanium alloys	Yes	2	No
	Oxygen, O	ASTM E1409	Combustion	Titanium/Titanium alloys	Yes	2	No
	Phosphorus, P	ASTM E1086	OES	Steel	Yes	2	No
ASTM E1999		OES	Iron/Iron alloys	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>	
Inorganic chemistry	Phosphorus, P	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No	
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No	
	Potassium oxide, K2O	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No	
	Selenium, Se	SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No	
	Silicon dioxide, SiO ₂	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No	
		ASTM E1999	OES	Iron/Iron alloys	Yes	2	No	
		ASTM E572	XRF	Steel	Yes	2	No	
		SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No	
	Silver, Ag	SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No	
	Sulfur, S	ASTM E1019, mod	Combustion	Iron/Iron alloys	Yes	2	No	
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No	
	Tellurium, Te	SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No	
	Tin, Sn	ASTM E1999	OES	Iron/Iron alloys	Yes	2	No	
		ASTM E572	XRF	Steel	Yes	2	No	
			SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No	
	Titanium, Ti	ASTM E1999	OES	Iron/Iron alloys	Yes	2	No	
		ASTM E572	XRF	Steel	Yes	2	No	
	Titaniumdioxide, TiO ₂	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No	
	Tungsten, W	ASTM E572	XRF	Steel	Yes	2	No	
	Vanadium oxide, V ₂ O ₅	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No	
	Vanadium, V	ASTM E1999	OES	Iron/Iron alloys	Yes	2	No	
			ASTM E539	XRF	Titanium/Titanium alloys	Yes	2	No
ASTM E572		XRF	Steel	Yes	2	No		

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2024-05-03

2022/2552

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<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>
Inorganic chemistry	Zinc oxide, ZnO	ISO 9516-1	XRF	Iron/Iron alloys	Yes	2	No
	Zinc, Zn	SS-EN 15063-2	XRF	Copper/Copper alloys	Yes	2	No
		SS-EN 15079	OES	Copper/Copper alloys	Yes	2	No

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