DAkkS
Deutsche
Akkreditierungsstelle

Accreditation

The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the testing laboratory

FLUXANA GmbH & Co. KG
Borschelstraße 3, 47551 Bedburg-Hau

meets the requirements according to DIN EN ISO/IEC 17025:2018 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the testing laboratory, including those in relevant sectoral schemes, provided they are explicitly confirmed in the annex to this certificate.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This accreditation certificate only applies in connection with the notices of 11.10.2024 with accreditation number D-PL-18570-01.
It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 3 pages.

Registration number of the accreditation certificate: **D-PL-18570-01-00**

Berlin, 11.10.2024 Dr. Olga Lettau
Head of Technical Unit

Translation issued:
04.11.2024 Dr. Olga Lettau
Head of Technical Unit

The certificate together with the annex reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH (www.dakks.de).

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf

Deutsche Akkreditierungsstelle GmbH

Office Berlin
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10117 Berlin

Office Frankfurt am Main
Europa-Allee 52
60327 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

The Deutsche Akkreditierungsstelle GmbH (DAkkS) is the entrusted national accreditation body of the Federal Republic of Germany according to § 8 section 1 AkkStelleG in conjunction with § 1 section 1 AkkStelleGBV. DAkkS is designated as the national accreditation authority by Germany according to Art. 4 Para. 4 of Regulation (EC) 765/2008 and clause 4.7 of DIN EN ISO/IEC 17000.

Pursuant to Art. 11 section 2 of Regulation (EC) 765/2008, the accreditation certificate shall be recognised as equivalent by the national authorities within the scope of this Regulation as well as by the WTO member states that have committed themselves in bilateral or multilateral mutual agreements to recognise the certificates of accreditation bodies that are members of ILAC or IAF as equivalent.

DAkkS is a signatory to the multilateral agreements for mutual recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Co-operation (ILAC).

The up-to-date state of membership can be retrieved from the following websites:
EA: www.european-accreditation.org
ILAC: www.ilac.org
IAF: www.iaf.nu

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Annex to the Accreditation Certificate D-PL-18570-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: **11.10.2024**

Date of issue: 11.10.2024

Holder of accreditation certificate:

FLUXANA GmbH & Co. KG
Borschelstraße 3, 47551 Bedburg-Hau

with the location

FLUXANA GmbH & Co. KG
Test laboratory
Borschelstraße 3, 47551 Bedburg-Hau

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

Tests in the fields:

Determination of naturally occurring elements in technical products and their source materials (such as raw materials, industrial products and waste) using X-Ray Fluorescence Analysis (XRF); selected gravimetric procedures for the analyses of mineral solids

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at https://www.dakks.de.

Abbreviations used: see last page

DAkkS Deutsche Akkreditierungsstelle

Flexible scope of accreditation:
The testing laboratory is permitted to modify and develop new test methods within the marked test scopes without prior information and approval by DAkkS,
[Flex C] the modification as well as further and new development of test methods is permitted.
The test methods listed are examples. The testing laboratory has an up-to-date list of all test methods in the flexible accreditation scope. The list is publicly available on the testing laboratory's website.

1 Determination of naturally occurring elements in technical products and their source materials (such as raw materials, industrial products and waste) using X-Ray Fluorescence Analysis (XRF) [Flex C]

DIN EN ISO 12677 2013-02	Chemical analysis of refractory products by X-ray fluorescence (XRF) - Fused cast-bead method
ISO 29581-2 2010-03	Cement - Test methods - Part 2: Chemical analysis by X-ray fluorescence
DIN 51001 2003-08	Testing of oxidic raw materials and basic materials - General bases of work for X-ray fluorescence method (XRF)
DIN 51001 Supplement 2010-05	Testing of oxidic raw materials and basic materials - General bases of work for X-Ray fluorescence method (XRF) - General survey on disintegration methods referred to groups of materials for the determination of test specimens for XRF
ISO 9516-1 2003-04	Iron ores - Determination of various elements by X-ray fluorescence spectrometry - Part 1: Comprehensive procedure
FXHS-0001 2024-07	In-house method: Chemical analysis of slags (XRF)
FXHS-0002 2024-07	In-house method: Chemical analysis of ferrochrome alloys (XRF)
FXHS-0012 2024-07	In-house method: Chemical analysis of glass samples (XRF)
FXHS-0013 2024-07	In-house method: Chemical analysis of catalyst samples (XRF)
FXHS-0014 2024-07	In-house method: Chemical analysis of trace components of geological samples (XRF)

Annex to the Accreditation Certificate D-PL-18570-01-00

Abbreviations used:

DIN	German institute for standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
XRF	X-ray fluorescence analysis
FXHS	In house method of FLUXANA