

# Accreditation



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

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

meets the minimum requirements according to DIN EN ISO/IEC 17025:2018 for the conformity assessment listed in the annex to this certificate. This includes additional existing legal and normative requirements, including those in relevant sectoral schemes.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and confirm generally with 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.

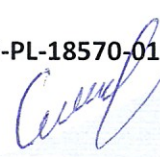
This accreditation certificate only applies in connection with the notices of 07.11.2022 with accreditation number D-PL-18570-01.

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, 24.11.2022

Dr. Olga Lettau  
Head of Technical Unit



Translation issued:  
24.11.2022

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](http://www.dakks.de)).*

# Deutsche Akkreditierungsstelle GmbH

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60327 Frankfurt am Main

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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](http://www.european-accreditation.org)

ILAC: [www.ilac.org](http://www.ilac.org)

IAF: [www.iaf.nu](http://www.iaf.nu)

## Deutsche Akkreditierungsstelle

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

Valid from: 07.11.2022

Date of issue: 07.11.2022

Holder of accreditation certificate:

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

The testing laboratory meets the minimal requirements of DIN EN ISO/IEC 17025:2018 and, if applicable, additional legal and normative requirements, including those in relevant sectoral schemes, in order to carry out the conformity assessment activities listed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and confirm generally with 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**

Within the given testing field marked with \*, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the following the free choice of standard or equivalent testing methods.

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates.

The listed testing methods are exemplary. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

*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

Page 1 of 3

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



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

**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) after fusion, in pressed powder pellets/bulk powder or in liquids \***

DIN EN ISO 12677 2013-02	Chemical analysis of refractory products by X-ray fluorescence (XRF) - Fused cast-bead method (ISO 12677:2011)
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 Beiblatt 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
DIN 51418-2 2015-03	X-ray spectrometry - X-ray emission and X-ray fluorescence analysis (XRF) - Part 2: Definitions and basic principles for measurements, calibration and evaluation of results
ISO 9516-1 2003-04	Iron ores - Determination of various elements by X-ray fluorescence spectrometry - Part 1: Comprehensive procedure
DIN 51399-2 2010-01	Testing of lubricants - Determination of elements content of additives, wear and other contaminations - Part 2: Wavelength dispersive X-ray fluorescence spectrometry (XRF)

**2. Selected gravimetric procedures for the analyses of mineral solids**

ISO 29581-2 2010-03	Cement - Test methods - Part 2: Chemical analysis by X-ray fluorescence; Part 9.2 Determination of loss on ignition
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Page 2 of 3

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**Abbreviations used:**

DIN	Deutsches Institut für Normung e.V.
EN	European Norm
ISO	International Organization for Standardization
XRF	X-ray fluorescence spectrometry

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