

## Deutsche Akkreditierungsstelle GmbH

**Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV**

Signatory to the Multilateral Agreements of EA, ILAC and IAF for Mutual Recognition

# Accreditation



The Deutsche Akkreditierungsstelle GmbH attests that the testing laboratory

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

is competent under the terms of DIN EN ISO/IEC 17025:2018 to carry out tests in the following 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**

The accreditation certificate shall only apply in connection with the notice of accreditation of 16.06.2020 with the accreditation number D-PL-18570-01. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 3 pages.

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

Berlin,  
16.06.2020

Dr. Heike Manke  
Head of Division

Translation issued:  
16.06.2020



Head of Division

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.*

*<https://www.dakks.de/en/content/accredited-bodies-dakks>*

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

See notes overleaf.

# Deutsche Akkreditierungsstelle GmbH

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60327 Frankfurt am Main

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The publication of extracts of the accreditation certificate is subject to the prior written approval by Deutsche Akkreditierungsstelle GmbH (DAkKS). Exempted is the unchanged form of separate disseminations of the cover sheet by the conformity assessment body mentioned overleaf.

No impression shall be made that the accreditation also extends to fields beyond the scope of accreditation attested by DAkKS.

The accreditation was granted pursuant to the Act on the Accreditation Body (AkkStelleG) of 31 July 2009 (Federal Law Gazette I p. 2625) and the Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products (Official Journal of the European Union L 218 of 9 July 2008, p. 30). 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 Cooperation (ILAC). The signatories to these agreements recognise each other's accreditations.

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 GmbH

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

Valid from: 16.06.2020

Date of issue: 16.06.2020

Holder of certificate:

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

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.**

**Within the scope of accreditation marked with \*\*, 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 document is a translation. The definitive version is the original German annex to the accreditation certificate.

Abbreviations used: see last page

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.  
<https://www.dakks.de/en/content/accredited-bodies-dakks>*



**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**

DIN EN 196-2 ** 2013-10	Method of testing cement - Part 2: Chemical analysis of cement
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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**Annex to the accreditation certificate D-PL-18570-01-00**

**Abbreviations used:**

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

**-Translation-**

**Valid from: 16.06.2020**  
Date of issue: 16.06.2020