

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-11020-04-03 according to DIN EN ISO/IEC 17025:2018

Valid from: 12.01.2024

Date of issue: 12.01.2024

This annex is a part of the accreditation certificate D-PL-11020-04-00.

Holder of partial accreditation certificate:

SGS Germany GmbH
Heidenkampsweg 99, 20097 Hamburg

with the locations

SGS Germany GmbH
Heidenkampsweg 99, 20097 Hamburg

SGS Germany GmbH
Weidenbaumsweg 137, 21035 Hamburg

SGS Germany GmbH
Europa-Allee 12, 49685 Emstek

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.

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

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

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Tests in the fields:

physico-chemical analysis of fertilisers, fermentation substrates and silage for biogas plants

The location Heidenkampsweg 99, 20097 Hamburg and Europa-Allee 12, 49685 Emstek provide customer service only. These locations do not implement the methods of testing and sampling.

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 testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

Analysis of fertilisers, fermentation substrates and silage for biogas plants

DIN 38414-S 19 1999-12	German standard methods for the examination of water, waste water and sludge – Sludge and sediments (group S) – Part 19: Determination of the steam-volatile organic acids (Modification: <i>Here application to fermentation substrates</i>)
DIN EN 12879 2001-02	Characterisation of sludges – Determination of loss on ignition of dry mass (Modification: <i>Here application to fermentation substrates and silage</i>)
DIN EN 12880 2001-02	Characterisation of sludges – Determination of dry residue and water content (Modification: <i>Here application to fermentation substrates and silage</i>)
VDLUFA Methodenbuch Volume II.1, 3.2.2 2004	Analysis of fertilisers – Nitrogen – Determination of ammonium nitrogen – Distillation with magnesium oxide – Association method (Modification: <i>Here also application to fermentation substrates</i>)
VDLUFA Methodenbuch Volume II.1, 3.5.2.7 2019	Analysis of fertilisers – Nitrogen – Determination of total nitrogen – Combustion method
SOP M 1276 2021-12	Determination of organic acids in fermentation substrates and foodstuffs by HPLC-IC

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Abbreviations used:

DIN	Deutsches Institut für Normung e. V. (German Institute for Standardization)
EN	European standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
SOP	In-house method of SGS Germany GmbH
VDLUFA	Verband Deutscher Landwirtschaftlicher Untersuchungs- und Forschungsanstalten (Association of German Agricultural Testing and Research Institutions)

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