Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-14082-01-03 according to DIN EN ISO/IEC 17025:2018

Valid from: 20.06.2025

Date of issue: 20.06.2025

This annex is a part of the accreditation certificate D-PL-14082-00.

Holder of partial accreditation certificate:

AGROLAB LUFA GmbH
Dr.-Hell-Straße 6, D-24107 Kiel

with the location

AGROLAB LUFA GmbH
Dr.-Hell-Straße 6, D-24107 Kiel

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 radioactivity and individual nuclides in foodstuffs, feedstuffs, plant materials, fertilisers, sewage sludge, compost, water, waste and soil

Flexible scope of accreditation:

Within the test areas indicated, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS

[Flex B] To have the free choice of standardised or equivalent test methods.

The test methods listed are examples. The testing laboratory has an up-to-date list of all test methods within the flexible scope of accreditation. The list is publicly available on the website of the testing laboratory.

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1 Determination of radioactivity and individual nuclides in foodstuffs, feedstuffs, plant materials, fertilisers, sewage sludge, compost, water, waste and soil

1.1 Determination of radioactivity and individual nuclides by gamma spectrometry in foodstuffs, feedstuffs, plant materials, fertilisers, sewage sludge, compost, water, waste and soil [Flex B]

A-γ-SPEKT-NIEDE-01 2000-10	Method for gamma spectrometric determination of radionuclides in precipitation
C-γ-SPEKT-SCHWE-01 1993-12	Method for gamma spectrometric determination of radionuclides in suspended matter samples
C-γ-SPEKT-SEDIM-01 1993-12	Method for gamma spectrometric determination of radionuclides in sediment samples
C-γ-SPEKT-OWASS-01 1993-12	Method for gamma spectrometric determination of radionuclides in surface water
E-γ-SPEKT-LEBM-01 1997-05	Method for gamma spectrometric determination of radionuclides in foodstuffs
F-γ-SPEKT-BODEN-01 1998-11	Method for gamma spectrometric determination of radionuclides in soil samples
F-γ-SPEKT-DUEMI-01 1992-09	Method for the gamma spectrometric determination of radionuclides in samples of fertilisers
F-γ-SPEKT-FUMI-01 1998-11	Method for gamma spectrometric determination of radionuclides in samples of feedstuffs and feedstuff raw materials
F-γ-SPEKT-MILCH-01 1992-09	Method for gamma spectrometric determination of radionuclides in milk samples
F-γ-SPEKT-MIPRO-01 1992-09	Method for gamma spectrometric determination of radionuclides in cheese samples (imports)
F-γ-SPEKT-PFLAN-01 1998-11	Method for gamma spectrometric determination of radionuclides in plant samples (indicators)
G-γ-SPEKT-FISCH-02 2015-11	Method for gamma spectrometric determination of radionuclides in fish and fish samples
G-γ-SPEKT-KRUST-02 1992-09	Method for gamma spectrometric determination of radionuclides in crustaceans (shrimps)

G-γ-SPEKT-SCHAL-02 1992-09	Method for gamma spectrometric determination of radionuclides in shellfish (mussels)
H-γ-SPEKT-AWASS-01 2000-10	Method for gamma spectrometric determination of radionuclides in waste water
H-γ-SPEKT-KLAER-01 1992-09	Method for gamma spectrometric determination of radionuclides in sewage sludge
H-γ-SPEKT-RESAB-01 1992-09	Method for gamma spectrometric determination of radionuclides in groundwater/leachate from municipal waste landfills
H-γ-SPEKT-RESAB-02 1992-09	Method for gamma spectrometric determination of radionuclides in filter ash/filter dust, slag waste incineration plants and solid residues from flue gas cleaning of waste incineration plants
H-γ-SPEKT-RESAB-04 1992-09	Method for gamma spectrometric determination of radionuclides in compost from composting plants
H-γ-SPEKT-TWASS-01 1992-09	Method for gamma spectrometric determination of radionuclides in drinking water and groundwater

1.2 Determination of strontium by liquid scintillation spectrometry in foodstuffs, feedstuffs, plant materials, sewage sludge, water and soil [Flex B]

E-Sr-90-LEBM-04 2020-06	Method for determination of the specific activity of strontium-90 in foodstuffs with the liquid scintillation spectrometer (dicyclohexyl-18-crown-6 method) (Modification: *Gravimetric determination of the chemical yield*)
F-Sr-90-BODEN-03 2013-04	Method for determination of the specific activity of strontium-90 in soil with the liquid scintillation spectrometer (dicyclohexyl-18-crown-6 method) (Modification: *Extension to sewage sludge and water matrix, gravimetric determination of chemical yield*)
F-Sr-90-FUMI-04 2020-06	Method for determination of the specific activity of strontium-90 in feedstuffs and vegetation samples with the liquid scintillation spectrometer (dicyclohexyl-18-crown-6 method) (Modification: *Gravimetric determination of the chemical yield*)

1.3 Determination of tritium and total alpha activity by liquid scintillation spectrometry in water [Flex B]

C-H-3-OWASS-01 1993-12	Method for determination of the tritium concentration in surface water
H-α-GESAMT-TWASS-02 2009-01	Rapid method for determination of total alpha activity concentration in drinking water (Modification: *Reprocessing*)
H-H-3-AWASS-01 2000-09	Method for determination of tritium in waste water

Abbreviations used:

DIN	Deutsches Institut für Normung (German Institute for Standardization)
EN	European standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization