DAkkS
Deutsche
Akkreditierungsstelle

Accreditation

The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that

Eurofins IAF - Radioökologie GmbH
Wilhelm-Rönsch-Straße 9, 01454 Radeberg

operates a testing laboratory that fulfills the requirements according to DIN EN ISO/IEC 17025:2018 for those conformity assessment activities specified in detail in the annexes listed below. This includes additional existing legal and normative requirements for the testing laboratory including those in relevant sectoral schemes, provided that these are explicitly confirmed in the annexes listed below.

D-PL-11201-01-01 **Valid from: 10.11.2025**
D-PL-11201-01-02 **Valid from: 10.11.2025**

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 notice of Datum wählen. It consists of this cover sheet, the reverse side of the cover sheet and the corresponding annex

Registration number of the accreditation certificate: **D-PL-11201-01-00**

Berlin, 10.11.2025 Dr. Haiko Blumenthal | Head of Technical Unit

Translation issued: 19.01.2026

This accreditation certificate was issued by the Deutsche Akkreditierungsstelle GmbH (DAkkS). It is digital sealed and valid without signature. It reflects the status as indicated by the date of issue. The current status of any valid and surveyed 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
Spittelmarkt 10
10117 Berlin

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

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-11201-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: **10.11.2025**

Date of issue: 10.11.2025

This annex is part of the Accreditation Certificate D-PL-11201-01-00.

Holder of the Accreditation Certificate:

Eurofins IAF - Radioökologie GmbH
Wilhelm-Rönsch-Strasse 9, 01454 Radeberg

with the location

Eurofins IAF - Radioökologie GmbH
Wilhelm-Rönsch-Strasse 9, 01454 Radeberg

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.

Testing in the fields of:

Determination of radioactive substances in accordance with the Drinking Water Ordinance, sampling of raw water and drinking water

Flexible Scope of Accreditation:

The testing laboratory is permitted to use standardised or equivalent test methods listed here with different issue dates without being required to prior inform and obtain approval from DAkkS (flexibilization according to category A).

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.

Test methods according to the Drinking Water Ordinance – TrinkwV
Drinking Water Ordinance (TrinkwV) as of 20 June 2023 (Federal Law Gazette 2023 I No. 159, S. 2)

SAMPLING

Method	Title
DIN ISO 5667-5 2011-02	Water quality – Sampling – Part 5: Guidance on sampling of drinking water from treatment works and piped distribution systems

ANNEX 1: MICROBIOLOGICAL PARAMETERS

not applicable

ANNEX 2: CHEMICAL PARAMETERS

not applicable

ANNEX 3: INDICATOR PARAMETERS

Part I: General Indicator Parameters

Parameter	Method
Aluminium	not applicable
Ammonium	not applicable
Calcite dissolution capacity	not applicable
Chloride	not applicable
Clostridium perfringens, incl. spores	not applicable
Coliform bacteria	not applicable
Iron	not applicable
Calcite dissolution capacity	DIN EN 27888 1993-11
Colour	not applicable
Odor	not applicable
Taste	not applicable

Parameter	Method
Colony count at 22 °C	not applicable
Colony count at 36 °C	not applicable
Manganese	not applicable
Sodium	not applicable
Total organic carbon (TOC)	not applicable
Oxidizability	not applicable
Sulfate	not applicable
Turbidity	not applicable
Hydrogen ion concentration	DIN EN ISO 10523 2012-04

Part II: Special indicator parameter for drinking water installation systems

not applicable

Part III: Special indicator parameter for the occurrence of certain microbial hazards

not applicable

ANNEX 4: REQUIREMENTS FOR DRINKING WATER WITH REGARD TO RADIOACTIVE SUBSTANCES

Parameter	Method
Radon-222	DIN EN ISO 13164-4 2020-12 DIN EN ISO 13164-2 2020-12
Tritium	DIN EN ISO 9698 2015-12
Indicative dose	
1. Screening procedure with test value for $C_{alpha\text{-}ges} \leq 0.1$ becquerel per litre	DIN EN ISO 10704 2020-12 H-α-GESAMT-TWASS-02 2009-01 DIN EN ISO 13165-3 2020-12 (Modification: *including the determination of radium-228 and lead-210*) H-Pb-210/Po-210-TWASS-01 2009-05 DIN EN ISO 13163 2020-09
2. Screening procedure with test value for $C_{alpha\text{-}ges} \leq 0.05$ becquerel per litre	DIN EN ISO 10704 2020-12 H-α-GESAMT-TWASS-02 2009-01
Gross alpha activity concentration	DIN EN ISO 10704 2020-12 H-α-GESAMT-TWASS-02 2009-01
Gross alpha and gross beta activity concentration	DIN EN ISO 10704 2020-12

Parameter	Method
3. Individual nuclide determination	
Radionuclides of natural origin	
Lead-210	H-Pb-210/Po-210-TWASS-01 2009-05 DIN EN ISO 13163 2020-09 DIN EN ISO 13165-3 2020-12 (Modification: *the determination of lead-210*)
Polonium-210	H-Pb-210/Po-210-TWASS-01 2009-05 DIN EN ISO 13161 2016-01
Radium-226	DIN EN ISO 10703 2022-11 DIN EN ISO 13165-3 2020-12
Radium-228	DIN EN ISO 10703 2022-11 DIN EN ISO 13165-3 2020-12 (Modification: *the determination of radium-228*)
Uran-234	ISO 13166 2020-08
Uran-238	ISO 13166 2020-08
Artificial radionuclides	
Americium-241	H-U/Pu/Am-AWASS-01 2000-10
Caesium-134	DIN EN ISO 10703 2022-11
Caesium-137	DIN EN ISO 10703 2022-11
Cobalt-60	DIN EN ISO 10703 2022-11
Iodine-131	DIN EN ISO 10703 2022-11
Carbon-14	DIN EN ISO 13162 2022-03
Plutonium-239/Plutonium-240	H-U/Pu/Am-AWASS-01 2000-10
Strontium-90	DIN EN ISO 13160 2016-03

PARAMETERS NOT INCLUDED IN ANNEXES 1 TO 4 OF THE DRINKING WATER ORDINANCE

Further periodic examinations

not applicable

This accreditation is not a substitute for the validation or approval process of the competent authority in accordance with Section 40 paragraph 2 of the Drinking Water Ordinance (TrinkwV).

Abbreviations used:

DIN Deutsches Institut für Normung e.V. – German institute for standardization
EN Europäische Norm – European Standard
IEC International Electrotechnical Commission
ISO International Organization for Standardisation

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-11201-01-02 according to DIN EN ISO/IEC 17025:2018

Valid from: **10.11.2025**

Date of issue: 10.11.2025

This annex is part of the Accreditation Certificate D-PL-11201-01-00.

Holder of the Accreditation Certificate:

Eurofins IAF - Radioökologie GmbH
Wilhelm-Rönsch-Strasse 9, 01454 Radeberg

with the location

Eurofins IAF - Radioökologie GmbH
Wilhelm-Rönsch-Strasse 9, 01454 Radeberg

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.

Testing in the fields of:

Determination of natural and artificial radionuclides in solids, liquids and gases, such as water (e.g., drinking water, mineral and table water, groundwater, surface water, spring water, precipitation water, seepage water, waste water, industrial water, process water, geothermal water), environmental samples, soils, sludges, sediments, waste materials, composts and fermentation residues, foodstuffs, tobacco and tobacco products, animal feedstuffs, seeds, consumer goods, textiles, cosmetics, chemical products, glass, ceramics, plastics, metals, materials

This annex to the certificate was issued by the Deutsche Akkreditierungsstelle GmbH (DAkkS) and is digitally sealed.
This annex to the certificate 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 valid and surveyed accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH (www.dakks.de).

of plant and animal origin, recycled materials, construction products/construction materials, demolition/decommissioning samples, substances from geothermal operations, emission and immission samples, dusts, wipe tests, aerosol filters for the determination of airborne pollutants, air, exhaust gases, fuels, fuel gases, pure gases, technical gases, biogases, excreta (radioactivity intake analysis);
selected physical and physicochemical investigations of water (drinking water, mineral and table water, groundwater, surface water, spring water, precipitation water, seepage water, waste water, industrial water, process water, geothermal water), sludges, soils, waste and eluates;
determination of in-situ parameters (e.g., for air, soils, wastes, construction materials and from surfaces)

Flexible scope of Accreditation:

The testing laboratory is permitted to use standardised or equivalent test methods listed here with different issue dates without being required to prior inform and obtain approval from DAkkS (flexibilization according to category A).

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

[Flex B] to have the free choice from standardised or equivalent test methods.
[Flex C] to modify, develop or further develop 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.

1 Determination of physical and physicochemical parameters of water (drinking water, mineral and table water, groundwater, surface water, spring water, precipitation water, seepage water, waste water, industrial water, process water), sludges, soils, waste, and eluates

1.1 Sample preparation [Flex A]

DIN EN 12457-4 2003-01	Characterization of waste - Leaching; Compliance testing for leaching of granular waste materials and sludges - Part 4: One-stage batch test at a liquid to solid ratio of 10 l/kg for materials with particle sizes below 10 mm (with or without particle size reduction)

1.2 Gravimetric analyses to determine dry residue and water content in sludges, soils, and waste [Flex B]

DIN EN 15934 2012-11	Sludge, treated biowaste, soil, and waste - Calculation of dry matter fraction after determination of dry residue or water content
DIN EN 15935 2021-10	Soil, waste, treated biowaste and sludge - Determination of loss on ignition

1.3 Potentiometric analyses of physicochemical parameters in water (drinking water, mineral and table water, groundwater, surface water, spring water, precipitation water, seepage water, mine water, waste water, industrial water, raw water, process water, geothermal water), sludges, soils, waste, and eluates [Flex B]

DIN EN 27888 (C 8) 1993-11	Water quality - Determination of electrical conductivity
DIN EN ISO 10390 2022-08	Soil, and waste, treated biowaste and sludge - Determination of pH value

2 Alpha spectrometric determinations of natural and artificial radionuclides in solids and liquids, such as water (e.g. drinking water, mineral and table water, groundwater, surface water, spring water, precipitation water, seepage water, mine water, waste water, industrial water, raw water, process water, geothermal water), environmental samples, soils, sludges, sediments, waste, composts and fermentation residues, foodstuffs, tobacco and tobacco products, animal feedstuffs, seeds, consumer goods, textiles, cosmetics, chemical products, glass, ceramics, plastics, metals, materials of plant and animal origin, recycled materials, construction products/construction materials, demolition/decommissioning samples, substances from geothermal operations, emission and immission samples, dusts, wipe tests, aerosol filters for the determination of airborne pollutants, excreta (radioactivity intake analysis)

[Flex C]

DIN EN ISO 10704 2020-12	Water quality - Gross alpha and gross beta activity - Test method using thin source deposit (ISO 10704:2019)
H-Pb-210/Po-210-TWASS-01 1998-11	Procedure for determining of polonium-210 in drinking water
DIN EN ISO 13161 2024-10	Water quality - Polonium-210 - test method using alpha spectrometry (ISO 13161:2020)

H-U/Pu/Am-AWASS-01 2000-10	Procedure for determining uranium, plutonium and americium by extraction-chromatographic procedures
ISO 13166 2020-08	Water quality - Uranium isotopes - Test method using alpha spectrometry
SOP 3 - 12 2025-02	Determination of uranium in water samples by alpha spectrometry
SOP 3 - 13 2025-02	Determination of uranium in solid samples by alpha spectrometry
SOP 3 - 14 2025-02	Determination of Ra-226 in water samples by alpha spectrometry
SOP 3 - 15 2025-02	Determination of Po-210 in water samples by alpha spectrometry
SOP 3 - 16 2025-02	Determination of Po-210 in solid samples by alpha spectrometry
SOP 3 - 17 2025-02	Determination of thorium in water samples by alpha spectrometry
SOP 3 - 18 2025-02	Determination of thorium in solid samples by alpha spectrometry
SOP 3 - 19 2025-02	Determination of the gross alpha activity concentration in water samples by alpha spectrometry
SOP 3 - 21 2025-02	Determination of the gross alpha activity concentration in filter materials
SOP 3 - 41 2025-02	Determination of plutonium in various sample matrices by alpha spectrometry
SOP 3 - 42 2025-02	Determination of americium and curium in various sample matrices by alpha spectrometry
SOP 3 - 46 2025-02	Determination of neptunium in aqueous and solid samples by alpha spectrometry
SOP 3 - 55 2025-02	Determination of Pa-231 in various sample matrices by alpha spectrometry

3 Gamma spectrometric determinations of natural and artificial radionuclides in solids, liquids and gases, such as water (e.g. drinking water, mineral and table water, groundwater, surface water, spring water, precipitation water, seepage water, mine water, waste water, industrial water, raw water, process water, geothermal water), environmental samples, soils, sludges, sediments, waste, composts and fermentation residues, foodstuffs, tobacco and tobacco products, animal feedstuffs, seeds, consumer goods, textiles, cosmetics, chemical products, glass, ceramics, plastics, metals, materials of plant and animal origin, recycled materials, construction products/construction materials, demolition/decommissioning samples, substances from geothermal operations, emission and immission samples, dusts, wipe tests, aerosol filter for the determination of airborne pollutants, air, exhaust gases, fuels, combustion gases, pure gases, technical gases, biogases, excreta (radioactivity intake analysis)

[Flex C]

DIN CEN/TS 17216 2018-12 DIN SPEC 18208 2018-12	Construction products - Assessment of release of dangerous substances - Determination of activity concentrations of radium-226, thorium-232 and potassium-40 in construction products using semiconductor gamma-ray spectrometry
General Monograph 1.5.3.0001.15 2023-09	Determination of Radionuclide Content in Raw Materials of Herbal Origin, Herbal Medicinal Products
DIN EN ISO 10703 2022-11	Water quality - Gamma-ray emitting radionuclides - Test method using high resolution gamma-ray spectrometry (ISO 10703:2021)
DIN EN ISO 13165-3 2020-12	Water quality - Radium-226 - Part 3: Test method using coprecipitation and gamma-spectrometry (ISO/DIS 13165-3:2020)
DIN EN ISO 13164-2 2020-12	Water quality - Radon-222 – Part 2: Test method using gamma-ray spectrometry (ISO 13164-2:2013)
SOP 3 - 08 2024-10	Gamma spectrometric analysis of water samples
SOP 3 - 09 2024-10	Gamma spectrometric analysis of solid samples
SOP 3 - 39 2018-12	Gamma spectrometric determination of I-131 in milk samples
SOP 3 - 65 2018-12	Gamma spectrometric measurements and evaluations of gas samples

SOP 3-73 2021-10	In-situ gamma spectrometric measurements and evaluations in various sample matrices

4 Liquid scintillation measurements as well as measurement of Cerenkov radiation from natural and artificial radionuclides in solids and liquids, such as water (e.g. drinking water, mineral and table water, groundwater, surface water, spring water, precipitation water, seepage water, mine water, waste water, industrial water, raw water, process water, geothermal water), environmental samples, soils, sludges, sediments, waste, composts and fermentation residues, foodstuffs, tobacco and tobacco products, animal feedstuffs, seeds, consumer goods, textiles, cosmetics, chemical products, glass, ceramics, plastics, metals, materials of plant and animal origin, recycled materials, construction products/construction materials, demolition/decommissioning samples, substances from geothermal operations, emission and immission samples, dusts, wipe tests, aerosol filters for the determination of airborne pollutants [Flex C]

ASTM D6866-10 (zurückgezogene Norm)	Standard Test Methods for Determining the Biobased Content of Solid, Liquid, and Gaseous Samples Using Radiocarbon Analysis (Restriction: in this case, according to C-14 method using LSC, CO2 absorption, method A)
ISO 16620-2 2019-10	Plastics - Biobased content - Part 2: Determination of biobased carbon content (Restriction: in this case, according to C-14 method using LSC, acc. to method A, Annex B)
DIN EN ISO 13833 2013-07	Stationary source emissions - Determination of the ratio of biomass (biogenic) and fossil-derived carbon dioxide - Radiocarbon sampling and determination (ISO 13833:2013); German version EN ISO 13833:2013 (Restriction: in this case, according to C-14 method using LSC, acc. to Annex B)
DIN EN ISO 21644 2021-07	Solid recovered fuels - Methods for the determination of biomass content (Restriction: in this case, according to C-14 method using LSC, acc. to Annex C.8)
DIN EN 16640 2017-08	Bio-based products - Bio-based carbon content - Determination of the bio-based carbon content using the radiocarbon method; German version EN 16640:2017 (Restriction: in this case, according to C-14 method using LSC, acc.to Annex C, method A)

DIN EN ISO 21644 2021-07	Solid recovered fuels - Methods for the determination of biomass content (ISO 21644:2021, revised version 2021-03) (*Restriction: in this case, according to the C-14 method using LSC)*
DIN EN ISO 13162 2022-03	Water quality - Carbon 14 - Test method using liquid scintillation counting (ISO 13162:2021); German version EN ISO 13162:2021
H-α-GESAMT-TWASS-02 2009-01	Rapid procedure for determining the gross alpha activity concentration in drinking water
DIN EN ISO 9698 2024-09	Water quality - Tritium - Test method using liquid scintillation counting (ISO 9698:2019)
DIN EN ISO 13163 2024-11	Water quality - Lead-210 - Test method using liquid scintillation counting (ISO 13163:2021)
DIN EN ISO 13164-4 2025-01	Water quality - Radon-222 - Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2023)
DIN EN ISO 13160 2024-11	Water quality — Strontium 90 and strontium 89 — Test methods using liquid scintillation counting or proportional counting (ISO 13160:2021)
SOP 3 - 27 2025-02	Determination of tritium in water samples by liquid scintillation counting (LSC)
SOP 3-28 2025-02	Determination of Pb-210 in water samples by liquid scintillation counting (LSC)
SOP 3 - 40 2025-02	Determination of C-14 in various sample matrices by liquid scintillation counting (LSC)
SOP 3 - 44 2025-02	Determination of gross alpha activity concentration in water by liquid scintillation counting (LSC)
SOP 3 - 45 2025-02	Determination of Tc-99 in solid and aqueous samples by liquid scintillation counting (LSC)
SOP 3 - 47 2025-02	Determination of Pu-241 in various sample matrices by liquid scintillation counting (LSC)
SOP 3 - 50 2025-02	Determination of Sr-89 in various sample matrices using Cerenkov measurement

SOP 3 - 51 2025-02	Determination of tritium and C-14 in solids and liquids by liquid scintillation counting (LSC) after combustion or heating
SOP 3 - 54 2025-02	Determination of iron-55 and nickel-63 in various sample matrices by liquid scintillation counting (LSC)
SOP 3 - 56 2025-02	Determination of H-3 and C-14 in wipe tests by liquid scintillation counting (LSC)
SOP 3 - 58 2025-02	Determination of Rn-222 in water by liquid scintillation counting (LSC)
SOP 3 - 59 2025-02	Determination of Cl-36 in various sample matrices by liquid scintillation counting (LSC)
SOP 3 - 64 2025-02	Determination of Ca-41 in solid samples by liquid scintillation counting (LSC)
SOP 3 - 69 2025-02	Determination of Sr-90 in various sample matrices by liquid scintillation counting (LSC)
SOP 3 - 71 2025-02	Determination of gross alpha and beta activities in solid samples by liquid scintillation counting (LSC)
SOP 3 - 72 2025-02	Determination of I-129 in solid and aqueous samples by liquid scintillation counting (LSC)
SOP 3-75 2025-02	Determination of Sm-151 in solid and liquid samples by liquid scintillation counting (LSC)
SOP 3 – 78 2024-01	Determination of Ra-226 in water and solid samples by liquid scintillation counting (LSC)
SOP 3-96 2024-07	Determination of Pm-147 in solid and liquid samples by liquid scintillation counting (LSC)

5 **Proportional counter tube measurements of natural and artificial radionuclides in solids and liquids, such as water (e.g. drinking water, mineral and table water, groundwater, surface water, spring water, precipitation water, seepage water, mine water, waste water, industrial water, raw water, process water, geothermal water), environmental samples, soils, sludges, sediments, waste, composts and fermentation residues, foodstuffs, tobacco and tobacco products, animal feedstuffs, seeds, consumer goods, textiles, cosmetics, chemical products, glass, ceramics, plastics, metals, materials of plant and animal origin, recycled materials, construction products/construction materials, demolition/decommissioning samples, substances from geothermal operations, emission and immission samples, dusts, wipe tests, aerosol filter for the determination of airborne pollutants, excreta (radioactivity intake analysis)**

[Flex C]

DIN EN ISO 10704 2020-12	Water quality - Gross alpha and gross beta activity - Test method using thin source deposit (ISO 10704:2019)
H-Po-210-TWASS-01 1998-11	Procedure for determining of polonium-210 in drinking water
General Monograph 1.5.3.0001.15 2023-09	Determination of Radionuclide Content in Raw Materials of Herbal Origin, Herbal Medicinal Products (Sr-90)
SOP 3 - 35 2025-02	Determination of Sr-90 in various sample matrices by means of low-level beta measurement
SOP 3 - 36 2025-02	Determination of Ra-228 in water samples by low-level beta measurement
SOP 3 - 37 2025-02	Determination of Pb-210 in water and solid samples by low-level beta measurement
SOP 3 - 38 2025-02	Determination of gross beta activity in water samples by low-level beta measurement
SOP 3 - 57 2025-02	Determination of gross alpha and beta activities in solid samples by low-level alpha and beta measurement

6 Determination of in-situ Parameters (e.g. for air, soils, waste, construction materials and from surfaces)

SOP 4 - 01 2014-06	Measurement of the ambient dose rate
SOP 4 - 02 2018-11	Determination of the concentration of Rn-222 in air
SOP 4 - 03 2014-06	Surface contamination measurements using a scintillation monitor (screening)

Abbreviations used:

DIN	Deutsches Institut für Normung e.V. – German institute for standardization
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
SOP	Internal procedures of IAF-Radioökologie GmbH