

Accreditation



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

Eckert & Ziegler Nuclitec GmbH
Gieselweg 1, 38110 Braunschweig

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

D-K-15203-01-01 Valid from: 04.12.2025

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of calibration 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 04.12.2025. It consists of this cover sheet, the reverse side of the cover sheet and the corresponding annex .

Registration number of the accreditation certificate: **D-K-15203-01-00**

Berlin, 04.12.2025

Dr. Florian
Head of Technical Unit

Translation issued: 27.05.2026

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-K-15203-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: 04.12.2025

Date of issue: 04.12.2025

This annex is part of the Accreditation Certificate D-K-15203-01-00.

Holder of the Accreditation Certificate:

**Eckert & Ziegler Nuclitec GmbH
Gieselweg 1, 38110 Braunschweig**

with the location

**Eckert & Ziegler Nuclitec GmbH
Gieselweg 1, 38110 Braunschweig**

The calibration laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The calibration 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 calibration laboratories and they conform to the principles of DIN EN ISO 9001.

Calibrations in the fields:

High Frequency and radiation quantities
Ionising radiation and radioactivity
— **Radioactivity**

*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).*

Abbreviations used: see last page

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Annex to the Accreditation Certificate D-K-15203-01-01

Permanent Laboratory

Calibration and measurement capabilities (CMC)

Measurement quantity/ Calibration item	Range	Measurement conditions/ procedure	Expanded uncertainty of measurement	Remarks
Activity	20 Bq to 4 GBq	Photon Emitters $E > 50$ keV High-Purity Germanium Spectrometer NaI(Tl)-Spectrometer, Ionization Chamber	2 %	
	20 Bq to 4 GBq	Photon Emitters $10 \text{ keV} < E \leq 50 \text{ keV}$ High-Purity Germanium Spectrometer	3 %	
	20 Bq to 4 GBq	Photon Emitters $E \leq 10$ keV Liquid Scintillation Counter	3 %	
	20 Bq to 4 GBq 20 Bq to 50 kBq	Beta Emitters, maximum beta energy $E_{\text{max}} > 150$ keV Liquid Scintillation Counter Gas Flow Proportional Counter	2 % 5 %	
	20 Bq to 4 GBq	Beta Emitters, maximum beta energy $E_{\text{max}} \leq 150$ keV Liquid Scintillation Counter	3 %	
	20 Bq to 4 GBq 5 Bq to 20 Bq > 20 Bq to 30 kBq	Alpha Emitters Liquid Scintillation Counter Gas Flow Proportional Counter Gas Flow Proportional Counter	2 % 5 % 3 %	
Specific Activity radioactive mixtures	20 Bq·g ⁻¹ to 4 GBq·g ⁻¹	Photon Emitters $E > 50$ keV High-Purity Germanium Spectrometer Ionization Chamber	2 %	
	20 Bq·g ⁻¹ to 4 GBq·g ⁻¹	Photon Emitters $10 \text{ keV} < E \leq 50 \text{ keV}$ High-Purity Germanium Spectrometer	2 %	
	20 Bq·g ⁻¹ to 4 GBq·g ⁻¹	Photon Emitters $E \leq 10$ keV Liquid Scintillation Counter	3 %	
	20 Bq·g ⁻¹ to 4 GBq·g ⁻¹	Beta Emitters, maximum beta energy $E_{\text{max}} > 150$ keV Liquid Scintillation Counter	2 %	
	20 Bq·g ⁻¹ to 4 GBq·g ⁻¹	Beta Emitters, maximum beta energy $E_{\text{max}} \leq 150$ keV Liquid Scintillation Counter	3 %	
	20 Bq·g ⁻¹ to 4 GBq·g ⁻¹	Alpha Emitters Liquid Scintillation Counter	2 %	
Particle Flux Point-like or area sources	20 s ⁻¹ to 3 · 10 ⁴ s ⁻¹	Beta emitters, maximum beta energy $E_{\text{max}} > 150$ keV Gas Flow Proportional Counter	3 %	
	5 s ⁻¹ to 20 s ⁻¹ > 20 s ⁻¹ to 3 · 10 ⁴ s ⁻¹	Alpha emitters Gas Flow Proportional Counter Gas Flow Proportional Counter	3 % 2 %	

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Annex to the Accreditation Certificate D-K-15203-01-01

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 Standardization

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