Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-14234-01-02 according to DIN EN ISO/IEC 17025:2018

Valid from: **19.03.2026**

Date of issue: 19.03.2026

This annex is part of the accreditation certificate D-PL-14234-01-00

Holder of certificate:

GALAB Laboratories GmbH
Am Schleusengraben 7, 21029 Hamburg

with the location

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Am Schleusengraben 7, 21029 Hamburg

The testing laboratory fulfils the requirements according to DIN EN ISO/IEC 17025:2018 to perform the conformity assessment activities listed in this annex. The testing laboratory fulfils additional legal and normative requirements, where applicable, including those in relevant sectoral programmes, provided that these are expressly confirmed below.

The requirements for the management system in DIN EN ISO/IEC 17025 are written in a language relevant to testing laboratories and are generally in accordance with the principles of DIN EN ISO 9001.

Tests in the fields:

Selected physical, physicochemical and chemical investigations of water (wastewater, surface water, process water, groundwater, raw- and drinking water);
Selected microbiological tests in accordance with the Drinking Water Ordinance, sampling of raw- and drinking water for microbiological tests

Flexible scope of accreditation:

The testing laboratory is permitted, without the need for prior notification to and approval by DAkkS, to apply the standardised test methods listed here, or equivalent methods, in different editions (flexibility under Category A).

Within the test areas marked [Flex C], the testing laboratory is permitted, without the need for prior notification to and approval by DAkkS, to modify, further develop and create new test methods.
The test methods listed are examples.

The testing laboratory maintains an up-to-date list of all test methods within the flexible accreditation scope. The list is publicly available on the testing laboratory's website.

1 Investigations of water (wastewater, surface water, process water, groundwater, raw- and drinking water)

1.1 Determination of temperature

DIN 38404-C 4 1976-12	Determination of temperature

1.2 Determination of anions and cations

DIN EN ISO 10304-1 (D 20) 2009-07	Water quality - determination of dissolved anions by liquid Chromatography – Part 1: Determination of bromide, chloride fluoride, nitrate, nitrite, phosphate and sulphate
DIN EN ISO 17294-2 (E29) 2024-12	Water quality - application of inductively coupled Plasma Mass Spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (Modification: also Ta)

1.3 Determination of metal-organic compounds by gas chromatography with Inductively Coupled Plasma Mass Spectrometry (GC-ICP-MS) [Flex C]

DIN EN ISO 17353 (F 13) 2005-11	Water quality - determination of selected Organotin Compounds - Method Using Gas Chromatography (Modification: Analysis using GC-ICP-MS)
SOP-No. 5 2023-07	Determination of organolead compounds in water using GC-ICP-MS

1.4 Determination of organic compounds

1.4.1 by means of gas chromatography with mass selective detector (GC-MS) [Flex C]

SOP-No. 85 2018-12	Determination of chlorobenzenes in water by GC-MS
SOP-No. 103 2020-07	Determination of EC and EPA PAHs in water using GC-MS
SOP-No. 154 2020-05	Determination of phthalic acid esters and adipates in water using GC-MS
SOP-No. 156 2019-02	Determination of alkylphenols, alkylphenol ethoxylates and Bisphenols in water using GC-MS

1.4.2 by means of liquid chromatography with mass-selective detector (LC-MS/MS)

DIN EN 17892 2024-08	Water quality - determination of selected persons and Polyfluoroalkyl substances in drinking water - Method by means of Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS) (Modification: treated and untreated wastewater by means of Direct injection with a limit of quantification of 100 ng/L)

2 Investigations in accordance with the Drinking Water Ordinance - TrinkwV - Drinking Water Ordinance (TrinkwV) of 20 June 2023 (Federal Law Gazette 2023 I No. 159, p.

SAMPLING

Procedure	Title
DIN EN ISO 19458 (K 19) 2006-12	Water quality - sampling for microbiological Investigations
UBA Recommendation December 18, 2018 (Legionella)	Systemic Investigations of Drinking Water Installations on Legionella according to the Drinking Water Ordinance - Sampling, Examination process and indication of the result

APPENDIX 1: MICROBIOLOGICAL PARAMETERS
PART I: General requirements for drinking water

Parameter	Procedure
Escherichia coli (E. coli)	DIN EN ISO 9308-1 2017-09
Intestinale Enterococci	DIN EN ISO 7899-2 2000-11

PART II: Requirements for drinking water intended for supply in sealed containers

Parameter	Procedure
Escherichia coli (E. coli)	DIN EN ISO 9308-1 2017-09
Enterococci	DIN EN ISO 7899-2 2000-11
Pseudomonas aeruginosa	DIN EN ISO 16266 2008-05

APPENDIX 2: CHEMICAL PARAMETERS
Not used

APPENDIX 3: INDIKATORPARAMETERS
PART I: General indicator parameters

Parameter	Procedure
Aluminium	Not used
Ammonium	Not used
Calcite dissolving capacity	Not used
Chloride	Not used
Clostridium perfringens (including spores)	DIN EN ISO 14189 (K 24) 2016-11
Coliform bacteria	DIN EN ISO 9308-1 (K 12) 2017-09
Iron	Not used
Electrical conductivity	Not used
Coloring	Not used

Parameter	Procedure
Odour (as TON)	Not used
Taste	Not used
Colony count at 22 °C	DIN EN ISO 6222 1999-07 TrinkwV §43 Absatz (3)
Colony count at 36 °C	DIN EN ISO 6222 1999-07 TrinkwV §43 Absatz (3)
Mangan	Not used
Sodium	Not used
Organically bound carbon (TOC)	Not used
Oxidizability	Not used
Sulphate	Not used
Turbidity	Not used
Hydrogen ion concentration	Not used

Part II: Special requirements for drinking water in drinking water installation systems

Parameter	Procedure
Legionella spec.	DIN EN ISO 11731 2019-03 UBA Recommendation 18 December 2018 Update December 2022 (Federal Health Gazette 2023, p. 224)

Part III: Requirements for drinking water with regard to radioactive substances
Not used

Appendix 4: REQUIREMENTS FOR DRINKING WATER IN RELATION TO RADIOACTIVE SUBSTANCES
Not used

PARAMETERS NOT INCLUDED IN APPENDICES 1 TO 3 OF THE DRINKING WATER ORDINANCE

Other periodic examinations
Not used

Accreditation does not replace the recognition or approval procedure of the competent authority according to § 40 paragraph (2) TrinkwV.

Annex to the Partial Accreditation Certificate D-PL-14234-01-02

Abbreviation used:

DIN	Deutsches Institut für Normung e. V.
EN	Europäische Norm
IEC	International Electrotechnical Commission - Internationale Elektrotechnische Kommission
ISO	International Organization for Standardization - Internationale Organisation für Normung
SOP-No. XXX	In-house procedures of KBS GALAB Laboratories GmbH
UBA	Umweltbundesamt