Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-11020-04-04 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.

Tests in the fields:

microbiological analysis in accordance with the German Drinking Water Ordinance (former version), sampling of drinking water for microbiological analysis;
microbiological analysis of production water in the foodstuffs and cosmetics sector

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.

Within the given examination field marked with *, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the free choice of standards or equivalent testing methods. The listed testing methods are exemplary.

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 examination procedures within the flexible scope of accreditation.

1 Tests in accordance with the German Drinking Water Ordinance - TrinkwV (former version) -

Ordinance on the quality of water intended for human consumption (Drinking Water Ordinance - TrinkwV 2001) in the version of the announcement of 10 March 2016 (Federal Law Gazette I p. 459), which was amended by the ordinance of 22 September 2021 (Federal Law Gazette I p. 4343)

Sampling

Method	Title
DIN EN ISO 19458 (K 19) 2006-12	Water quality – Sampling for microbiological analysis

ANNEX 1: MICROBIOLOGICAL PARAMETERS

PART I: General requirements for drinking water

No.	Parameter	Method
1	Escherichia coli (E. coli)	DIN EN ISO 9308-1 (K 12) 2017-09
2	Enterococci	DIN EN ISO 7899-2 (K 15) 2000-11

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

No.	Parameter	Method
1	Escherichia coli (E. coli)	DIN EN ISO 9308-1 (K 12) 2017-09
2	Enterococci	DIN EN ISO 7899-2 (K 15) 2000-11
3	Pseudomonas aeruginosa	DIN EN ISO 16266 (K 11) 2008-05

ANNEX 2: CHEMICAL PARAMETERS

Not used

ANNEX 3: INDICATOR PARAMETERS

Part I: General indicator parameters

No.	Parameter	Method
1	Aluminium	Not used
2	Ammonium	Not used
3	Chloride	Not used
4	Clostridium perfringens (including spores)	DIN EN ISO 14189 (K 24) 2016-11
5	Coliform bacteria	DIN EN ISO 9308-1 (K 12) 2017-09
6	Iron	Not used
7	Colouring (spectral absorption coefficient Hg 436 nm)	Not used
8	Odour	Not used
9	Taste	Not used
10	Colony count at 22 °C	DIN EN ISO 6222 (K 5) 1999-07 TrinkwV Section 15 (1c)
11	Colony count at 36 °C	DIN EN ISO 6222 (K 5) 1999-07 TrinkwV Section 15 (1c)
12	Electrical conductivity	Not used
13	Manganese	Not used
14	Sodium	Not used
15	Organically bound carbon (TOC)	Not used
16	Oxidisability	Not used
17	Sulphate	Not used
18	Turbidity	Not used
19	Hydrogen ion concentration	Not used
20	Calcite dissolving capacity	Not used

Part II: Specific requirements for drinking water in systems in the drinking water installation

Parameter	Method
Legionella spec.	ISO 11731 2017-05 UBA Recommendation 18 December 2018

ANNEX 3a: Requirements for drinking water with regard to radioactive substances

Not used

Parameters not included in Annexes 1 to 3 of the 2001 German Drinking Water Regulation

Additional periodic testing

Not used

The accreditation does not replace the recognition or approval procedure of the competent authority pursuant to Section 15 (4) TrinkwV.

2 Analysis of production water in the foodstuffs and cosmetics sector for bacteria by cultural microbiological analysis *

DIN EN ISO 6222 (K 5) 1999-07	Water quality – Enumeration of culturable micro-organisms – Colony count by inoculation in a nutrient agar culture medium
DIN EN ISO 16266 (K 11) 2008-05	Water quality – Detection and enumeration of Pseudomonas aeruginosa – Membrane filtration method
DIN EN ISO 9308-1 (K 12) 2017-09	Water quality – Enumeration of Escherichia coli and coliform bacteria – Part 1: Membrane filtration method for waters with low bacterial background flora
DIN EN ISO 7899-2 (K 15) 2000-11	Water quality – Detection and enumeration of intestinal enterococci – Part 2: Membrane filtration method
DIN EN ISO 11731 (K 23) 2019-03	Water quality – Enumeration of legionella
DIN EN ISO 14189 (K 24) 2016-11	Water quality – Enumeration of Clostridium perfringens – Method using membrane filtration
TrinkwV Section 15 (1c)	Determination of colony count at 22 °C and 36 °C
Recommendation of the Federal Environment Agency 18 December 2018	Systemic analysis of drinking water installations for legionella in accordance with the German Drinking Water Ordinance – Sampling, examination and indication of the result

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
UBA	Umweltbundesamt (Federal Environment Agency)