

# Deutsche Akkreditierungsstelle

## Annex to the Partial Accreditation Certificate

D-PL-14629-01-04

according to DIN EN ISO/IEC 17025:2018

**Valid from:** 02.04.2024

**Date of issue:** 02.04.2024

This annex is a part of the accreditation certificate D-PL-14629-01-00.

Holder of partial accreditation certificate:

**Eurofins GfA Lab Service GmbH**  
**Neuländer Kamp 1a, 21079 Hamburg**

with the location

**Eurofins GfA Lab Service GmbH**  
**Neuländer Gewerbepark 4, 21079 Hamburg**

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 organic residues and contaminants using GC/MS, -MS/MS, -HRMS and LC-MS/MS in water, including sample preparation;**  
**Analyses according to the legislative environmental module water**

*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>.*

Abbreviations used: see last page

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**Within the given testing field marked with \*\* the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the modification, development and refinement of testing methods. The listed testing methods are exemplary.**

**Within the scope of accreditation marked with \*\*\* the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use the standards or equivalent testing methods listed here with different issue dates.**

**The testing laboratory maintains a current list of all testing procedures within the flexible scope of accreditation.**

**1 Determination of organic pollutants using isotope dilution analysis and gas chromatography with mass spectrometric detection (MS, MS/MS and HRMS) in water \*\***

GLS DF 130 2022-11	Determination of polychlorinated dibenzodioxins (PCDD), polychlorinated dibenzofuranes (PCDF) and polychlorinated biphenyls (PCB) incl. all 209 PCB-congeners in environmental samples, water, materials and chemicals by gas chromatography with mass spectrometric detection
GLS OC 230 2023-09	Determination of the mass concentration of short and middle chain C10-C17 Chlorparaffines (SCCP, MCCP) in diverse sample matrices by GC-MS (Scope here: water)
GLS OC 300 2023-09	Determination of polycyclic aromatic hydrocarbons (PAK) in diverse sample matrices by gas chromatography with mass spectrometric detection (Scope here: water)
GLS OC 600 2023-09	Determination of organotin compounds (OTC) in diverse matrices by gas chromatography with mass spectrometric detection (Scope here: water)
GLS OC 720 2023-09	Determination of alkyl phenoles in diverse sample matrices by gas chromatography with mass spectrometric detection (Scope here: water)

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**2 Determination of organic pollutants using isotope dilution analysis and high performance liquid chromatography with mass spectrometric detection (LC-MS/MS) in water \*\***

- |                       |  |
|-----------------------|--|
| GLS OC 260<br>2019-01 | Determination of the mass concentration of hexabromocyclododecane (HBCD) in diverse sample matrices by LC-MS/MS<br>(Scope here: water) |
| GLS OC 400<br>2019-01 | Determination of per- and polyfluorinated compounds (PFAS) in diverse sample matrices by LC-MS/MS<br>(Scope here: water)               |

**3 Sample Preparation \*\*\***

- |                         |  |
|-------------------------|--|
| DIN 38402-30<br>1998-07 | Pretreatment, homogenization and aliquotation of non-homogeneous water samples |
|-------------------------|--|

**4 List of test methods for the water module**

Status: LAWA dated 18.10.2018

**Section 1: Sampling and general characteristics**

not used

**Section 2: Photometry, ion chromatography, dimensional analysis**

not used

**Section 3: Elemental analysis**

not used

**Sections 4/5: Group and sum parameters**

not used

**Section 6: Gas chromatography method**

Parameter	Method	Abw	Ofw	Grw
Volatile halogenated hydrocarbons (LHKW)	DIN EN ISO 10301: 1997-08 (F 4)*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DIN 38407-F 43: 2014-10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DIN EN ISO 15680: 2004-04 (F 19)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DIN EN ISO 17943: 2016-11 (F 41)		<input type="checkbox"/>	<input type="checkbox"/>

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Parameter	Method	Abw	Ofw	Grw
Benzene and derivates (BTEX)	<b>DIN 38407-F 9: 1991-05*</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>DIN 38407-F 43: 2014-10</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>DIN EN ISO 15680: 2004-04 (F 19)</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DIN EN ISO 17943: 2016-11 (F 41)		<input type="checkbox"/>	<input type="checkbox"/>
Organochloric insecticides (OCP)	DIN EN ISO 6468: 1997-02 (F 1)*		<input type="checkbox"/>	<input type="checkbox"/>
	DIN 38407-F 37: 2013-11		<input type="checkbox"/>	<input type="checkbox"/>
	DIN EN 16693: 2015-12 (F 51)		<input type="checkbox"/>	<input type="checkbox"/>
Polychlorinated biphenyles (PCB)	DIN EN ISO 6468: 1997-02 (F 1)*		<input type="checkbox"/>	<input type="checkbox"/>
	DIN 38407-F 3: 1998-07		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	DIN 38407-F 37: 2013-11		<input type="checkbox"/>	<input type="checkbox"/>
Mono- and dichloric benzenes	DIN EN ISO 15680: 2004-04 (F 19)		<input type="checkbox"/>	<input type="checkbox"/>
	DIN 38407-F 43: 2014-10		<input type="checkbox"/>	<input type="checkbox"/>
Tri- to hexachloric benzenes	<b>DIN EN ISO 6468: 1997-02 (F 1)*</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>DIN 38407-F 2: 1993-02</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>DIN EN ISO 15680 (F 19):2004-04**</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>DIN 38407-F 43: 2014-10**</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>DIN 38407-F 37: 2013-11</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DIN EN 16693: 2015-12 (F 51)***		<input type="checkbox"/>	<input type="checkbox"/>
Chlorphenols	DIN EN 12673: 1999-05 (F 15)		<input type="checkbox"/>	<input type="checkbox"/>
Organophosphoric- and organonitrogen compounds	DIN EN ISO 10695: 2000-11 (F 6) *		<input type="checkbox"/>	<input type="checkbox"/>
Polycyclic aromatic hydrocarbons (PAK) (see Sub-Part 7)	<b>DIN 38407-F 39: 2011-09</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>DIN ISO 28540: 2014-05 (F 40)</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DIN EN 16691: 2015-12 (F 50)		<input type="checkbox"/>	<input type="checkbox"/>
Hydrocarbon-Index	<b>DIN EN ISO 9377-2: 2001-07 (H 53)</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* *mass spectrometric detection permitted*

\*\* *only applicable for Trichlorbenzol*

\*\*\* *only applicable for Hexachlorbenzol*

**Section 7: HPLC methods**

not used

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**Section 8: Microbiological methods (not used)**

**Section 9.1: Biological methods biotests (Part 1)**

not used

**Section 9.2: Biological methods biotests (Part 2)**

not used

**Abbreviations used:**

DIN	Deutsches Institut für Normung e. V.
EN	European Standard
GLS DF xxx	in-house-method of Eurofins GfA Lab Service GmbH from PCDD/F-Analytics
GLS OC xxx	in-house-method of Eurofins GfA Lab Service GmbH from Organic Chemistry
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization

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