

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-14285-01-02 according to DIN EN ISO/IEC 17025:2018

Valid from: 18.12.2023

Date of issue: 18.12.2023

This annex is a part of the accreditation certificate D-PL-14285-01-00.

Holder of partial accreditation certificate:

ADM WILD Europe GmbH & Co. KG
Rudolf-Wild-Straße 107-115, 69214 Eppelheim

with the location

ADM WILD Europe GmbH & Co. KG
EMEA Corporate Analytics - Heidelberg
Rudolf-Wild-Straße 107-115, 69214 Eppelheim

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:

physico-chemical and chemical analysis of raw and produced 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

Page 1 of 3

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Partial Accreditation Certificate D-PL-14285-01-02

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 standards or equivalent testing methods listed here with different issue dates.

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

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 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.

Analysis of raw and production water

1 Physico-chemical and chemical analysis ***

DIN EN 27888 (C 8) 1993-11	Water quality; Determination of electrical conductivity
DIN EN ISO 11885 (E 22) 2009-09	Water quality – Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES) (Restriction: <i>Here only for Na, Ca, Mg, K, P, S, Cu, Fe, Zn, Sn</i>)
DIN 38409-H 7 2005-12	Determination of acid and base-neutralising capacities (Restriction: <i>Here only determination of the acid capacity up to pH 4.3</i>)
IFU 11 2015	Determination of pH

2 Photometric analysis of sum parameters for water analysis using quick tests with finished reagents *

LCK 304 2019-10	Determination of ammonium 0.015–2.0 mg/L
LCK 311 2022-02	Determination of chloride 1–70 mg/L

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Annex to the Partial Accreditation Certificate D-PL-14285-01-02

LCK 321 2019-07	Determination of iron 0.2–6.0 mg/L
LCK 327 1997-06	Determination of water hardness 1– 20 °dH
LCK 339 2019-10	Determination of nitrate 1–60 mg/L
LCK 341 2019-10	Determination of nitrite 0.05–2.0 mg/L
LCK 414 2015-08	Determination of CSB 5–60 mg/L
LCW 032 2019-11	Determination of manganese 0.2–5.0 mg/L

Abbreviations used:

DIN	Deutsches Institut für Normung e.V. (German Institute for Standardisation)
EN	European Standard
IEC	International Electrotechnical Commission
IFU	International Fruit and Vegetable Juice Association
ISO	International Organization for Standardization
LCK	HACH-LANGE small-scale sealed tube method (finished reagents)
LCW	HACH-LANGE pipetting method (finished reagents)

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