

Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the testing laboratory

Hy-Tec Hygiene Technologie GmbH
Schillerstraße 14, 42781 Haan

meets the requirements according to DIN EN ISO/IEC 17025:2018 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the testing laboratory, including those in relevant sectoral schemes, provided they are explicitly confirmed in the annex to this certificate.

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 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 notices of 08.07.2025 with accreditation number D-PL-11015-01.

It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 6 pages.

Registration number of the accreditation certificate: **D-PL-11015-01-00**

Berlin, 08.07.2025

Dr.-Ing. Tobias Poeste
Head of Technical Unit

Translation issued:
08.07.2025



Dr.-Ing. Tobias Poeste
Head of Technical Unit

The certificate together with the annex 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 (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

Office Frankfurt am Main
Europa-Allee 52
60327 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

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-PL-11015-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 08.07.2025

Date of issue: 05.11.2025

Holder of accreditation certificate:

Hy-Tec Hygiene Technologie GmbH
Schillerstraße 14, 42781 Haan

with the location

Hy-Tec Hygiene Technologie GmbH
Schillerstraße 14, 42781 Haan

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>.

Abbreviations used: see last page

Page 1 of 6

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

Annex to the Accreditation Certificate D-PL-11015-01-00

Tests in the fields:

physical analysis of baby diapers, feminine hygiene- and incontinence products, tissue- and cotton products as well as cognate household goods

Flexible Scope of Accreditation:

Within the indicated test areas marked with [Flex A] the testing laboratory is permitted to use standardised or equivalent test methods listed here with different issue dates without being required to prior inform and obtain approval from DAkkS.

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

1 Cotton products

PA 01/01 2023-03	Determination of fibre identity by microscopy
PA 01/02 2023-03	Determination of fibre identity by color reaction
PA 01/03 2023-03	Testing on fluorescence
PA 01/04 2023-03	Determination of foreign fibre composition by microscopy
PA 01/05 2023-03	Determination of residuals of burls, leaves, fruits and seed coats (qualitative)
PA 01/06 2023-03	Test of alkaline or acidic reacting substances
PA 01/07 2023-03	Determination of short fibre and debris content (fibre loss)
PA 01/09 2023-03	Determination of mass and weight of absorption band
PA 01/10 2023-03	Determination of mass and weight of absorption buds

Annex to the Accreditation Certificate D-PL-11015-01-00

PA 01/11 2023-03	Determination of mass and weight of absorption pads and balls
PA 01/12 2023-03	Determination of sinking time and water uptake
PA 01/13 2023-03	Determination of absorption capacity of absorption buds
PA 01/14 2023-03	Determination of thickness and compressibility

2 Incontinence products [Flex A]

ISO 11948-1 1996-11	Urine-absorbing aids – Part 1: Whole-product testing
DIN 13222 2022-06	Absorption capacity of absorbent incontinence aids until leakage - Test method for measuring the suction capacity by use of a test torso
NWSP 354.0.R2(22) 2022	Method for testing the performance of adult incontinence devices ADULT MANNEQUIN TEST: NWSP 354.0.R1 (15) Absorption before leakage

The following 5 standards or in-house test methods are not subject within the flexible scope:

PA 02/02 2023-03	Absorbing incontinence aids according to Method 12/2015 MDS-Hi fluid absorption capacity
PA 02/03 2023-03	Absorbing incontinence aids according to Method 12/2015 MDS-Hi absorption speed
PA 02/04 2023-03	Absorbing incontinence aids according to Method 12/2015 MDS-Hi fluid rewet
PA 02/05 2023-03	Graduated rewet
PA 02/08 09.08.2024	Determination of Total Absorption according to the internal procedure of the former Spanish Health Institute Carlos III (PNE_LPS_PS_004)

Annex to the Accreditation Certificate D-PL-11015-01-00

3 Hygiene paper products

PA 03/01 2023-03	Determination of base weight
PA 03/02 2023-03	Determination of thickness
PA 03/04 2023-03	Determination of tensile strength (dry)
PA 03/05 2025-01	Determination of tensile strength (wet)
PA 03/06 2023-03	Determination of dynamic penetration force (dry)
PA 03/07 2023-03	Determination of perforation strength (dry)
PA 03/08 2023-03	Determination of water absorption (based on DIN EN ISO 12625-8)

4 Baby diapers

PA 04/02 2025-01	Rewet Test
PA 04/04 2023-03	Centrifuge test
PA 04/06 2023-03	Determination of mass, weight and internal composition
PA 04/09 2025-02	Acquisition Time and Rewet Test (Combined Test Method)

Annex to the Accreditation Certificate D-PL-11015-01-00

5 Sanitary napkins/panty-liners

PA 05/01 2023-03	Rewet properties
PA 05/02 2023-03	Determination of absorption time (ASZ5, ASZ1)
PA 05/03 2023-03	Determination of absorption behaviour
PA 05/04 2025-01	Determination of leakage behavior of sanitary napkins
PA 05/05 2023-03	Adhesion/fixation strength with residue test

6 Tampons [Flex A]

NWSP 350.1.R1 (20) 2020	Menstrual Tampons Absorbency - Syngina Method (EDANA)
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The following 3 standards or in-house test methods are not subject within the flexible scope:

PA 06/01 2023-03	Determination of expansion and fluid absorption by using the Syngina test device
PA 06/02 2023-03	Determination of pressure stability
PA 06/03 2023-03	Determination of mass and weight

7 Light incontinence products

PA 07/01 2023-03	Rewet properties (free addition by dosing funnel)
PA 07/02 2025-01	Use-related simulation - Maximum storage capacity under dynamic stress
PA 07/03 2023-03	Acquisition Time and rewet test

Valid from: 08.07.2025
Date of issue: 05.11.2025

Adhesion/fixation strength with residue test

Absorption and retention

DIN	German institute for standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
PA xx/xx	In-house method of Hy-Tec Hygiene Technologie GmbH
NWSP	Nonwovens Standard Procedures