

# Deutsche Akkreditierungsstelle GmbH

## Annex to the Accreditation Certificate D-PL-11015-01-00 according to DIN EN ISO/IEC 17025:2018

**Valid from: 10.06.2020**

Date of issue: 17.09.2020

Holder of certificate:

**Hy-Tec Hygiene Technologie GmbH  
Schillerstraße 14, 42781 Haan**

Tests in the fields:

**physical tests of baby diapers, women sanitary towels and incontinence products, tissue and absorption products as well as similar consumer products**

**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.**

Abbreviations used: see last page

### **1 Cotton products**

PA 01/01  
2018-07                      Determination of fibre identity by microscopy

PA 01/02  
2020-05                      Determination of fibre identity by color reaction

PA 01/03  
2020-05                      Testing on fluorescence

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

Abbreviations used: see last page

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.  
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

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PA 01/04 2018-07	Determination of foreign fibre composition by microscopy
PA 01/05 2020-05	Determination of residuals of burls, leaves, fruits and seed coats (qualitative)
PA 01/06 2020-05	Test of alkaline or acidic reacting substances
PA 01/07 2020-05	Determination of short fibre and debris content (fibre loss)
PA 01/09 2020-05	Determination of mass and weight of absorption band
PA 01/10 2020-05	Determination of mass and weight of absorption buds
PA 01/11 2020-05	Determination of mass and weight of absorption pads and balls
PA 01/12 2020-05	Determination of sinking time and water uptake
PA 01/13 2020-05	Determination of absorption capacity of absorption buds
PA 01/14 2007-07	Determination of thickness and compressibility

**2 Incontinence products**

PA 02/02 2018-07	Absorbing incontinence aids according to Method 12/2015 MDS-Hi fluid absorption capacity
PA 02/03 2018-07	Absorbing incontinence aids according to Method 12/2015 MDS-Hi absorption speed
PA 02/04 2018-07	Absorbing incontinence aids according to Method 12/2015 MDS-Hi fluid rewet
PA 02/05 2019-03	Graduated rewet

**-Translation-**

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ISO 11948-1* 1996-11	Urine-absorbing aids - Part 1: Whole-product testing
DIN 13222 2015-03	Absorption capacity of absorbent incontinence aids until leakage - Test method for measuring the absorption before leakage by use of a test torso
NWSP 354.0R1(15)* 2015	Method for testing the performance of adult incontinence devices ADULT MANNEQUIN TEST: NWSP 354.0.R1 (15) Absorption before leakage

**3 Hygiene paper products**

PA 03/01 2020-04	Determination of base weight
PA 03/02 2020-05	Determination of thickness
PA 03/03 2007-07	Determination of water absorption
PA 03/04 2020-05	Determination of tensile strength (dry)
PA 03/05 2020-05	Determination of tensile strength (wet)
PA 03/06 2020-05	Determination of dynamic penetration force (dry)
PA 03/07 2020-05	Determination of perforation strength (dry)
PA 03/08 2020-05	Determination of water absorption (based on DIN EN ISO 12625-8)

**4 Baby diapers**

PA 04/01 2019-03	Retention test
PA 04/02 2019-12	Rewet test

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PA 04/03 2019-03	Vertical absorption
PA 04/04 2018-07	Centrifuge test (Retention Capacity)
PA 04/05 2019-03	Determination of SAP content
PA 04/06 2019-03	Determination of mass, weight and internal composition
PA 04/07 2019-03	Contour - Acquisition
PA 04/08 2019-03	Contour - Rewet
PA 04/09 2018-07	Acquisition Time and Rewet Test (Combined Test Method)

**5 Sanitary napkins/panty-liner**

PA 05/01 2018-07	Rewet properties
PA 05/02 2018-07	Determination of absorption time (ASZ5, ASZ1)
PA 05/03 2018-07	Determination of absorption behaviour
PA 05/04 2018-07	Determination of overflow behavior of sanitary napkins
PA 05/05 2020-05	Adhesive strength with residual test

**6 Tampons**

PA 06/01 2018-10	Determination of expansion and fluid absorption by using the Syngina test device
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**-Translation-**

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PA 06/02 2020-05	Determination of pressure stability
PA 06/03 2007-07	Determination of mass and weight
NWSP 350.1R1 (15)* 2015	Menstrual Tampons Absorbency - Syngina Method (EDANA)

**7 Light incontinence products**

PA 07/01 2018-07	Rewet properties (free addition by dosing funnel)
PA 07/02 2018-07	Use-related simulation - Maximum storage capacity under dynamic stress
PA 07/03 2018-07	Acquisition Time and rewet test
PA 07/04 2018-07	Adhesive strength with residual test
PA 07/05 2018-07	Absorption and retention

**abbreviations used:**

ASZ1	Absorption time with 1 ml test liquid for panty liners
ASZ5	Absorption time with 5 ml test liquid for sanitary towels
DIN	German Institute for Standardization
EDANA	European Disposables and Nonwovens Association
ISO	International Organization for Standardization
PA xx/xx	In-house method of Hy-Tec Hygiene Technologie GmbH
NWSP	Nonwovens Standard Procedures
WSP	Worldwide Strategic Partners

**-Translation-**