Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-12083-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: **30.08.2024**

Date of issue: 13.03.2025

This annex is a part of the accreditation certificate D-PL-12083-01-00.

Holder of partial accreditation certificate:

Hohenstein Laboratories GmbH & Co. KG
Schloss Hohenstein, 74357 Bönnigheim

with the location

Hohenstein Laboratories GmbH & Co. KG
Schloss Hohenstein, 74357 Bönnigheim

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:

Tests on fibers, yarns, fabrics and clothing in the field of textile technology;
Selected tests on water, wastewater, eluates and detergents and staining or prevention of staining;
Physiological and electrostatic tests of textile, clothing systems, bedding materials, sleeping bags, motor vehicle seats and upholstery;

Spectrophotometric tests of two-dimensional materials (textile, paper, films, lacquers) - colorimetric, whiteness evaluation, textile UV protection;
Fit and workmanship tests of clothing and ready-made textiles in new condition and after care treatment;
Mechanical, physical and electrical tests for safety of toys
Tests on toys and infant articles according to the specifications of the United States Consumer Product Safety Commission
Microbiological testing of water;
selected microbiological tests according to the German Drinking Water Ordinance;
Sampling of raw and drinking water;
Selected microbiological and antimicrobial tests on-textiles, commodities and disinfectants;
Tests on biocompatibility and allergen reduction;
Selected tests on the general hygiene management of facilities
Molecular biological analysis of cotton and cotton products;
Textile-technology tests on fibres, yarns, fabrics and clothing and leather;
Chemical tests on textile products, textile accessories and leather;
Testing of products on harmful substances according to STANDARD 100, LEATHER STANDARD and ECO PASSPORT by OEKO-TEX®;
Sample preparation and determination of lead in metal and non-metal products for children and adults, in colours and coloured surfaces according to the specifications of the United States Consumer Product Safety Commission, CPSC;
Burning behaviour of apparel textiles and children‘s sleeping bags according to the specifications of the United States Consumer Product Safety Commission, CPSC
Determination of organic compounds according to the specifications of the United States Consumer Product Safety Commission, CPSC
Chemical and physical tests on the safety of selected toys

Within the given testing field marked with [1), 2), 3)] the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the following:

1) **the free choice of standard or equivalent testing methods.**
2) **the modification, development and refinement of testing methods.**
3) **to use standards or equivalent testing methods listed here with different issue dates**

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

Beispiel zur Formatierung:

Content

#) This accreditation does not replace the recognition or approval procedure of the competent authority according to the requirements of the legislator.

1 Textile technology tests

1.1 Determination of colour fastness on textiles, leather and plastics

DIN EN 20105-A02 1994-10	Textiles - Tests for colour fastness - Part A02: Grey scale for assessing change in colour (ISO 105-A02:1993; EN 20105-A02:1994)
DIN EN 20105-N01 1995-03	Textiles - Tests for colour fastness - Part N01: Colour fastness to bleaching: Hypochlorite (ISO 105-N01:1993; EN 20105-N01:1995)
DIN EN ISO 105-A01 2010-05	Textiles - Tests for colour fastness - Part A01: General principles of testing (ISO 105-A01:2010)
DIN EN ISO 105-A03 2020-02	Textiles - Tests for colour fastness - Part A03: Grey scale for assessing staining (ISO 105-A03:2019)
DIN EN ISO 105-A04 1999-10	Textiles - Tests for colour fastness - Part A04: Method for the instrumental assessment of the degree of staining of adjacent fabrics (ISO 105-A04:1989)
DIN EN ISO 105-A05 1997-07	Textiles - Tests for colour fastness - Part A05: Instrumental assessment of change in colour for determination of grey scale rating (ISO 105-A05:1996, including Technical Corrigendum 1:1997
DIN EN ISO 105-B02 2014-11	Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:2014)
DIN EN ISO 105-B04 1997-05	Textiles - Tests for colour fastness - Part B04: Colour fastness to artificial weathering: Xenon arc fading lamp test (ISO 105-B04:1994)

DIN EN ISO 105-B05 1995-12	Textiles - Tests for colour fastness - Part B05: Detection and assessment of photochromism (ISO 105-B05:1993)
DIN EN ISO 105-B07 2009-10	Textiles - Tests for colour fastness - Part B07: Colour fastness to light of textiles wetted with artificial perspiration (ISO 105-B07:2009)
DIN EN ISO 105-C06 2010-08	Textiles - Tests for colour fastness - Part C06: Colour fastness to domestic and commercial laundering (ISO 105-C06:2010)
DIN EN ISO 105-C10 2007-06	Textiles - Tests for colour fastness – Part C10: Colour fastness to washing with soap or soap and soda (ISO 105-C10:2006)
DIN EN ISO 105-D01 2010-10	Textiles - Tests for colour fastness - Part D01: Colour fastness to dry cleaning using perchloroethylene solvent (ISO 105-D01:2010)
DIN EN ISO 105-E01 2013-06	Textiles - Tests for colour fastness - Part E01: Colour fastness to water (ISO 105-E01:2013)
DIN EN ISO 105-E02 2013-06	Textiles - Tests for colour fastness - Part E02: Colour fastness to sea water (ISO 105-E02:2013)
DIN EN ISO 105-E04 2013-08	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration (ISO 105-E04:2013)
DIN EN ISO 105-E07 2010-08	Textiles - Tests for colour fastness - Part E07: Colour fastness to spotting: Water (ISO 105-E07:2010)
DIN EN ISO 105-N02 2018-12	Textiles - Tests for colour fastness - Part N02: Colour fastness to bleaching: Peroxide (ISO 105-N02:1993)
DIN EN ISO 105-P01 1995-04	Textiles - Tests for colour fastness - Part P01: Colour fastness to dry heat (excluding pressing) (ISO 105-P01:1993)
DIN EN ISO 105-X05 1997-05	Textiles - Tests for colour fastness - Part X05: Colour fastness to organic solvents (ISO 105-X05:1994)
DIN EN ISO 105-X11 1996-10	Textiles - Tests for colour fastness - Part X11: Colour fastness to hot pressing (ISO 105-X11:1994)
DIN EN ISO 105-X12 2016-11	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing (ISO 105-X12:2016)
DIN EN ISO 12947-4 2007-04	Textiles - Determination of abrasion resistance of fabrics by the Martindale method - Part 4: Assessment of appearance change (ISO 12947-4:1998+Cor. 1:2002)

DIN EN ISO 4892-2 2021-11	Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps (ISO 4892-2:2013 + Amd 1:2021)

1.2 Textile-physical tests on textiles [2)]

DIN 53359 2006-11	Testing of artificial leather and similar sheet materials - Flex cracking test
DIN 53363 2003-10	Testing of plastic films - Tear test using trapezoidal test specimen with incision
DIN 53830-3 1981-05	Testing of textiles; determination of linear density of single and plied yarns; simple yarns and plied yarns, textured yarns, short length method
DIN 53859-5 1992-12	Testing of textiles; tear growth test on textile fabrics; trapezoid test
DIN 66083 1997-02	Classification of burning behaviour of textile products - Textile fabrics for working clothing
DIN 75200 1980-09	Determination of burning behaviour of interior materials in motor vehicles
DIN EN 1049-2 1994-02	Textiles; woven fabrics; construction; methods of analysis; part 2: determination of number of threads per unit length (ISO 7211-2:1984, modified; EN 1049-2:1993)
DIN EN 12127 1997-12	Textiles - Fabrics - Determination of mass per unit area using small samples (EN 12127:1997)
DIN EN 12280-3 2002-11	Rubber- or plastic-coated fabrics - Accelerated ageing tests - Part 3: Environmental ageing (EN 12280-3:2002)
DIN EN 14697 2005-08	Textiles - Terry towels and terry towel fabrics - Specification and methods of test (EN 14697:2005)
DIN EN 14971 2006-04	Textiles - Knitted fabrics - Determination of number of stitches per unit length and unit area (EN 14971:2006)
DIN EN 15598 2008-11	Textiles - Terry fabrics - Test method for the determination of the resistance to pile loop extraction (EN 15598:2008)

DIN EN 1773 1997-03	Textiles - Fabrics - Determination of width and length (EN 1773:1996)
DIN EN 29073-1 1992-08	Textiles; test method for nonwovens; part 1: determination of mass per unit area (ISO 9073-1:1989; EN 29073-1:1992)
DIN EN 29073-3 1992-08	Textiles; test method for nonwovens; part 3: determination of tensile strength and elongation (ISO 9073-3:1989; EN 29073-3:1992)
DIN EN 29865 1993-11	Textiles; determination of water-repellency of fabrics by the Bundesmann rain-shower test (ISO 9856:1991; EN 29865:1993)
DIN EN 530 2010-12	Abrasion resistance of protective clothing material - Test methods (EN 530:2010)
DIN EN ISO 12945-1 2021-04	Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 1: Pilling box method (ISO 12945-1:2020)
DIN EN ISO 12945-2 2021-04	Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 2: Modified Martindale method (ISO 12945-2:2020)
DIN EN ISO 12947-2 2017-03	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 2: Determination of specimen breakdown (ISO 12947-2:2016)
DIN EN ISO 12947-3 2007-04	Textiles - Determination of abrasion resistance of fabrics by the Martindale method - Part 3: Determination of mass loss (ISO 12947-3:1998+Cor. 1:2002)
DIN EN ISO 12947-4 2007-04	Textiles - Determination of abrasion resistance of fabrics by the Martindale method - Part 4: Assessment of appearance change (ISO 12947-4:1998+Cor. 1:2002)
DIN EN ISO 13934-1 2013-08	Textiles - Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force using the strip method (ISO 13934-1:2013)
DIN EN ISO 13934-2 2014-06	Textiles - Tensile properties of fabrics - Part 2: Determination of maximum force using the grab method (ISO 13934-2:2014)

DIN EN ISO 13935-1 2014-07	Textiles - Seam tensile properties of fabrics and made-up textile articles - Part 1: Determination of maximum force to seam rupture using the strip method (ISO 13935-1:2014)
DIN EN ISO 13935-2 2014-07	Textiles - Seam tensile properties of fabrics and made-up textile articles - Part 2: Determination of maximum force to seam rupture using the grab method (ISO 13935-2:2014)
DIN EN ISO 13936-1 2004-07	Textiles - Determination of the slippage resistance of yarns at a seam in woven fabrics - Part 1: Fixed seam opening method (ISO 13936-1:2004)
DIN EN ISO 13936-2 2004-07	Textiles - Determination of the slippage resistance of yarns at a seam in woven fabrics - Part 2: Fixed load method (ISO 13936-2:2004)
DIN EN ISO 13937-1 2000-06	Textiles - Tear properties of fabrics - Part 1: Determination of tear force using ballistic pendulum method (Elmendorf) (ISO 13937-1:2000)
DIN EN ISO 13937-2 2000-06	Textiles - Tear properties of fabrics - Part 2: Determination of tear force of trouser-shaped test specimens (single tear method) (ISO 13937-2:2000)
DIN EN ISO 13937-3 2000-06	Textiles - Tear properties of fabrics - Part 3: Determination of tear force of wing-shaped test specimens (Single tear method) (ISO 13937-3:2000)
DIN EN ISO 13937-4 2000-06	Textiles - Tear properties of fabrics - Part 4: Determination of tear force of tongue-shaped test specimens (Double tear test) (ISO 13937-4:2000)
DIN EN ISO 13997 1999-10	Protective clothing - Mechanical properties - Determination of resistance to cutting by sharp objects (ISO 13997:1999)
DIN EN ISO 1421 2017-03	Rubber- or plastics-coated fabrics - Determination of tensile strength and elongation at break (ISO 1421:2016)
DIN EN ISO 14419 2010-08	Textiles - Oil repellency - Hydrocarbon resistance test (ISO 14419:2010)
DIN EN ISO 15025 2017-04	Protective clothing - Protection against flame - Method of test for limited flame spread (ISO 15025:2016)

DIN EN ISO 15487 2018-12	Textiles - Method for assessing appearance of apparel and other textile end products after domestic washing and drying (ISO 15487:2018)
DIN EN ISO 2060 1995-04	Textiles - Yarn from packages - Determination of linear density (mass per unit length) by the skein method (ISO 2060:1994)
DIN EN ISO 2061 2015-12	Textiles - Determination of twist in yarns - Direct counting method (ISO 2061:2015)
DIN EN ISO 2062 2010-04	Textiles - Yarns from packages - Determination of single-end breaking force and elongation at break using constant rate of extension (CRE) tester (ISO 2062:2009)
DIN EN ISO 2313-1 2021-09	Textiles - Determination of the recovery from creasing of a folded specimen of fabric by measuring the angle of recovery - Part 1: Method of the horizontally folded specimen (ISO 2313-1:2021)
DIN EN ISO 3759 2011-08	Textiles - Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change (ISO 3759:2011)
DIN EN ISO 4674-1 2017-03	Rubber- or plastics-coated fabrics - Determination of tear resistance - Part 1: Constant rate of tear methods (ISO 4674-1:2016)
DIN EN ISO 4674-2 2022-02	Rubber- or plastics-coated fabrics - Determination of tear resistance - Part 2: Ballistic pendulum method (ISO 4674-2:2021)
DIN EN ISO 4920 2012-12	Textile fabrics - Determination of resistance to surface wetting (spray test) (ISO 4920:2012)
DIN EN ISO 5077 2008-04	Textiles - Determination of dimensional change in washing and drying (ISO 5077:2007)
DIN EN ISO 5084 1996-10	Textiles - Determination of thickness of textiles and textile products (ISO 5084:1996)
DIN EN ISO 6530 2005-05	Protective clothing - Protection against liquid chemicals - Test method for resistance of materials to penetration by liquids (ISO 6530:2005)
DIN EN ISO 6940 2004-06	Textile fabrics - Burning behaviour - Determination of ease of ignition of vertically oriented specimens (ISO 6940:2004)

DIN EN ISO 6941 2004-05	Textile fabrics - Burning behaviour - Measurement of flame spread properties of vertically oriented specimens (ISO 6941:2003)
DIN EN ISO 7854 1997-04	Rubber- or plastics-coated fabrics - Determination of resistance to damage by flexing (ISO 7854:1995)
DIN EN ISO 811 2018-08	Textiles - Determination of resistance to water penetration - Hydrostatic pressure test (ISO 811:2018)
DIN EN ISO 9073-2 1997-02	Textiles - Test methods for nonwovens - Part 2: Determination of thickness (ISO 9073-2:1995)
DIN EN ISO 9073-10 2005-03	Textiles - Test methods for nonwovens - Part 10: Lint and other particles generation in the dry state (ISO 9073-10:2003)
DIN EN ISO 9237 1995-12	Textiles - Determination of permeability of fabrics to air (ISO 9237:1995)
ISO 13994 2005-10	Clothing for protection against liquid chemicals – Determination of the resistance of protective clothing materials to penetration by liquids under pressure (Methode C)
ISO 13996 1999-09	Protective clothing - Mechanical properties - Determination of resistance to puncture
ISO 1419 2019-05	Rubber- or plastics-coated fabrics - Accelerated-ageing tests
ISO 17493 2016-12	Clothing and equipment for protection against heat - Test method for convective heat resistance using a hot air circulating oven
ISO 3795 1989-10	Road vehicles, and tractors and machinery for agriculture and forestry - Determination of burning behaviour of interior materials
AATCC TM 22 2017	Test Method for Water Repellency: Spray
AATCC TM 118 2020	Test Method for Oil Repellency: Hydrocarbon Resistance
AATCC TM 193 2007(2017)	Test Method for Aqueous Liquid Repellency: Water/Alcohol Solution Resistance Test
ASTM D 737-18 2018	Standard Test Method for Air Permeability of Textile Fabrics

ASTM D 1683/D 1683M-17 2018	Standard Test Method for Failure in Sewn Seams of Woven Fabrics
ASTM D 3786/D 3786M-18 2018	Standard Test Method for Bursting Strength of Textile Fabrics-Diaphragm Bursting Strength Tester Method
ASTM D 4966-12 2016	Standard Test Method for Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method)
ASTM D 5034-21 2021	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM D 5035-11 2019	Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method)
ASTM D 6413/D 6413M-15 2015	Standard Test Method for Flame Resistance of Textiles (Vertical Test)
ASTM F 903-18 2018	Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Liquids(Methode C)
FMVSS 302 1991-10	Flammability of Interior materials
SOP-QM 11 2 02 001 2022-03	Testing of textiles with compression effect
SOP-QM 11 2 02 003 2020-05	Testing of textiles with compression effect DIN 58133:2008-07
SOP-QM-11.PSA.03.065 2020-08	Determination of breathability (pressure difference) for community masks

2 Textile chemistry tests

2.1 Physical-chemical tests

DIN 53923 1978-01	Testing of textiles; determination of water absorption of textile fabrics (Modification: additional matrices sponges and comparable products)
DIN 53924 2020-09	Testing of textiles - Velocity of soaking water of textile fabrics (method by determining the rising height)

ISO 17617 2014-12	Textiles - Determination of moisture drying rate (Method B)
SOP-QM-11 2 02 014 2021-03	Moisture absorption during short-term contact of absorbent textiles Method Hohenstein

3 Selected tests on water, wastewater, eluates

AATCC TM 212 2021	Test Method for Fiber Fragment Release During Home Laundering
SOP-QM-11.BM.03.103 2022-04	Fiber analysis of textiles after simulated washing process (TMC)
SOP-QM-11.BM.03.104 2022-04	Fiber analysis of textiles after simulated washing process using dynamic image analysis
SOP-QM-11.BM.03.105 2022-04	Textile fiber analysis of water samples using dynamic image analysis

4 Tests on detergents and cleaning agents as well as staining and prevention of staining

DIN 53919-2 1980-05	Surface active agents - Evaluation of certain effects of laundering - Methods of preparation and use of unsoiled cotton control cloth

4.1 Determination of detergents and cleanings products performance by visual examination 2)

SÖFW-Journal, 128. year 2002-05	Quality assessment of the cleaning capacity of hand dishwashing detergents
SOP-QM 11 2 03 050 2022-04	Test methods for comparing detergent and detergent aids tests

4.2 Determination of the appearance of cosmetic stains by simple visual examination [2)]

SOP-QM 11 2 03 057 2022-04	Visual assessment of stains
SOP-QM 11 2 03 059 2022-04	In-vitro-tests Cosmetic stains on textiles: staining and prevention of staining

4.3 Determination of detergents and cleanings products performance by photometry [2)]

SOP-QM 11 2 03 015 2022-04	Measurement of Whiteness
SOP-QM 11 2 03 050 2022-04	Test methods for comparing detergent and detergent aids tests
SOP-QM 11 2 03 052 2022-04	Testing and assessment of primary and secondary washing effect

4.4 Determination of the appearance of cosmetic stains by photometry test [2)]

SOP-QM 11 2 03 059 2022-04	In-vitro-tests Cosmetic stains on textiles: staining and prevention of staining
SOP-QM 11 2 03 062 2022-04	Deodorant stains In vitro test yellow stains on white fabric

4.4.3 Determination of detergents and cleaning products performance by specific sensoric tests (Haptics) [2)]

SOP-QM 11.2.03.050 2022-04	Test methods for comparing detergent and detergent aids tests
SOP-QM 11 2 02 020 2021-01	Assessment of grip

5 Physiological and electrostatic tests of textiles, clothing systems, bedding materials, sleeping bags, motor vehicle seats and upholstery [2)]

DIN EN 1149-1 2006-09	Protective clothing - Electrostatic properties - Part 1: Test method for measurement of surface resistivity (EN 1149-1:2006)
DIN EN 1149-2 1997-11	Protective clothing - Electrostatic properties - Part 2: Test method for measurement of the electrical resistance through a material (vertical resistance) (EN 1149-2:1997)
DIN EN 1149-3 2004-07	Protective clothing - Electrostatic properties - Part 3: Test methods for measurement of charge decay (EN 1149-3:2004)
DIN EN 14058 2018-01	Protective clothing - Garments for protection against cool environments (EN 14058:2017)
DIN EN 342 2018-01	Protective clothing - Ensembles and garments for protection against cold (EN 342:2017)
DIN EN 61340-4-9 2020-06	Electrostatics - Part 4-9: Standard test methods for specific applications – Garments – Method 6.3.2.1 (IEC 61340-4-9:2016; EN 61340-4-9:2016)
DIN EN ISO 15496 2018-08	Textiles - Measurement of water vapour permeability of textiles for the purpose of quality control (ISO 15496:2018)
DIN EN ISO 15831 2004-05	Clothing - Physiological effects - Measurement of thermal insulation by means of a thermal manikin (ISO 15831:2004)
DIN EN ISO 23537-1 2018-05	Requirements for sleeping bags - Part 1: Thermal and dimensional requirements (ISO 23537-1:2016 + Amd 1:2018)
DIN EN ISO 11092 2014-12	Textiles - Physiological effects - Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test) (ISO 11092:2014)
ISO 13029 2012-08	Textiles - Determination of drying rate in dynamic state by the modified sweating-guarded hotplate
ASTM F 1868-17 2017	Standard Test Method for Thermal and Evaporative Resistance of Clothing Materials Using a Sweating Hot Plate Part A and B

SOP-QM11.CP.03.040 2022-05	Determination of the buffering effect of textiles with the thermoregulation model of human skin (skin model) (Fd)
SOP-QM_11.CP.03.041 2022-05	Determination of the buffering effect from the liquid phase of textiles with the thermoregulation model of human skin (skin model) (Kf)
SOP-QM11.CP.03.042 2022-05	Determination of the thermal insulation of a moist textile with the thermoregulation model of human skin (skin model) (RCT*)
SOP-QM-11.CP.03.043 2022-05	Testing of textiles - Determination of the adhesion index i_K
SOP-QM-11.CP.03.044 2022-05	Testing of textiles - Determination of the wetting index i_B
SOP-QM-11.CP.03.045 2022-05	Testing of textiles - Determination of the surface index i_O
SOP-QM-11.CP.03.046 2022-05	Testing of textiles - Determination of the number of contact points n_K between textile and skin
SOP-QM-11.CP.03.047 2022-05	Testing textiles - determining the stiffness s

6 Spectrophotometric tests of two-dimensional materials (textiles, paper, films, lacquers) – colorimetry, whiteness evaluation, textile UV protection, UV-, VIS- and IR range

6.1 UV protection

DIN EN 13758-1 2007-03	Textiles - Solar UV protective properties - Part 1: Method of test for apparel fabrics EN 13758-1:2001+A1:2006
AATCC TM 183 2020	Test Method for Transmittance or Blocking of Erythemally Weighted Ultraviolet Radiation through Fabrics
AS/NZS 4399 2017	Sun protective clothing – Evaluation and classification exempt: Chapter 4 Body coverage Chapter 6 Marking and labelling

AS 4174 2018	Knitted and woven shade fabrics Chapter 3.2.1 Ultraviolet effectiveness (UVE) Appendix D Method of determination of ultraviolet effectiveness of human shade protection fabrics
Guidebook UV STANDARD 801 2021-05	Determination of the Ultraviolet Protection Factor (UPF) of textiles according to the UV STANDARD 801

6.2 Measurements in the VIS range (colorimetry and white colorimetry)

DIN 5033-7 2014-10	Colorimetry - Part 7: Measuring conditions for object colours
DIN 5033-8 1982-04	Colorimetry; measuring conditions for light sources
DIN 5033-9 2018-04	Colorimetry - Part 9: Reflectance standard for calibration in colorimetry and photometry
DIN 55981 1979-05	Determination of relative hue of near white specimens
DIN 6176 2018-10	Colorimetric determination of colour differences of object colours according to the DIN99o formula
DIN 6173-1 1975-01	Colour matching; general rules
DIN EN ISO 105-J01 1999-09	Textiles - Tests of colour fastness - Part J01: General principles for measurement or surface colour (ISO 105-J01:1997)
DIN EN ISO 105-J03 2010-02	Textiles - Tests for colour fastness - Part J03: Calculation of colour differences (ISO 105-J03:2009)
DIN EN ISO 18314-4 2021-09	Analytical colorimetry - Part 4: Metamerism index for pairs of samples for change of illuminant (ISO 18314-4:2020)
DIN EN ISO/CIE 11664-4 2020-03	Colorimetry - Part 4: CIE 1976 L*a*b* colour space (ISO/CIE 11664-4:2019)
SOP-QM 11.S.03.004 2022-01	Determination of the visual acceptance of colour differences (pass/fail method)

6.3 Measurements in the UV-, VIS- and IR range general

DIN 5036-3 1979-11	Radiometric and photometric properties Methods of measurement
DIN EN 14500 2021-09	Blinds and shutters - Thermal and visual comfort - Test and calculation methods (EN 14500:2021) exempt: 8 Determination of the shielding angle 9 Determination of the darkening performance of sun protection systems and the light transmission of curtain materials
DIN EN 410 2011-04	Glass in building - Determination of luminous and solar characteristics of glazing (EN 410:2011) (Modification: Textile matrix)
DIN EN ISO 13468-2 2021-09	Plastics – Determination of the total luminous transmittance of transparent materials – Part 2: Double-beam instrument (ISO 13468-2:2021)
SOP-QM 11.S.03.007 2022-01	Protective effect of textiles against artificial UV radiation
SOP-QM 11.S.03.018 2022-01	Measurements with UV-VIS-NIR-SpectrometerCary5000

7 Clothing technology tests [2)]

7.1 Pre-treatment

SOP-QM 11.7.02.004 2020-11	Performing care treatments on ready-made textiles for fit testing

7.2 Workmanship of clothing and ready-made textiles in new conditions or after care treatment

DIN EN 14682 2015-03	Safety of children's clothing - Cords and drawstrings on children's clothing - Specifications (EN 14682:2014)
AS/NZS 4399 2017	Sun protective clothing – Evaluation and classification 4.2 Clothing 4.3 Sun protective headwear
SOP-QM 11.7.02.002 2020-11	Test of the processing of ready-made textiles for defects in new condition and after care/situational processing inspection
SOP-QM 11.7.02.003 2020-11	Fit testing of ready-made textiles in new condition and optimization of finished size tables with base
SOP-QM 11.7.02.005 2020-11	Fit inspection of ready-made textiles after care treatment
SOP-QM 11.7.02.008 2020-11	Fit inspection of ready-made textiles in new condition without finished size table/base and creation of a calculation finished size table
SOP-QM 11.7.02.010 2020-10	Checking the mesh lining for children's clothing
SOP-QM 11.7.02.012 2020-10	Forming properties of shapewear
SOP-QM 11.7.02.013 2020-10	Verification of the fit and/or product conformity
SOP-QM 11.7.02.015 2020-07	Verification of textile labelling on the basis of the Textile Labelling Ordinance

7.3 Fit in new condition and after care treatment

DIN EN 13402-1 2001-06	Size designation of clothes - Part 1: Terms, definitions and body measurement procedure (ISO 3635:1981, modified; EN 13402-1:2001)
DIN EN 13402-2 2002-06	Size designation of clothes - Part 2: Primary and secondary dimensions (EN 13402-2:2002)

DIN EN 13402-3 2017-12	Size designation of clothes - Part 3: Size labelling based on body measurements and intervals (EN 13402-3:2017)
DIN EN ISO 21420 2020-06	Protective gloves - General requirements and test methods (ISO 21420:2020)
DIN EN ISO 3758 2013-12	Textiles - Care labelling code using symbols (ISO 3758:2012)
SOP-QM 11.7.02.001 2020-07	Measurement of test material as a basis for a fit check (without FMT)
SOP-QM 11.7.02.006 2020-11	Checking of submitted ready-made textiles with regard to the finished size table from the manufacturer or recording of the dimensions of the ready-made textiles for the creation of a finished size table without a basis
SOP-QM 11.7.02.016 2020-10	Revision of the finished dimensions table/report
SOP-QM 11.7.02.017 2020-07	Checking socks according to Nahm Boards

8 Pre-treatment [2)]

DIN EN ISO 15797 2018-05	Textiles - Industrial washing and finishing procedures for testing of workwear (ISO 15797:2017)
DIN EN ISO 3175-2 2020-05	Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene (ISO 3175-2:2017, Corrected version 2019-12)
DIN EN ISO 6330 2022-03	Textiles - Domestic washing and drying procedures for textile testing (ISO 6330:2021)
SOP-QM 11.2.03.051 2022-04	Conduct of washes for detergent and detergents aids test
SOP-QM 11.2.03.067 2022-04	Conduct of washes for use-wash tests

9 Colour fastness

DIN EN 20105-N01 1995-03	Textiles - Tests for colour fastness - Part N01: Colour fastness to bleaching: Hypochlorite (EN 20105-A02:1994)
DIN EN ISO 105-B02 2014-11	Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (EN ISO 105-B02:2014)
DIN EN ISO 105-C06 2010-08	Textiles - Tests for colour fastness - Part C06: Colour fastness to domestic and commercial laundering (EN ISO 105-C06:2010)
DIN EN ISO 105-C10 2007-06	Textiles - Tests for colour fastness - Part C10: Colour fastness to washing with soap or soap and soda (EN ISO 105-C10:2007)
DIN EN ISO 105-D01 2010-10	Textiles - Tests for colour fastness - Part D01: Colour fastness to dry cleaning using perchloroethylene solvent (EN ISO 105-D01:2010)
DIN EN ISO 105-E04 2013-08	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration (EN ISO 105-E04:2013)
DIN EN ISO 105-N02 2018-12	Textiles - Tests for colour fastness - Part N02: Colour fastness to bleaching: Peroxide (EN ISO 105-N02:1995)
DIN EN ISO 105-P01 1995-04	Textiles - Tests for colour fastness - Part P01: Colour fastness to dry heat (excluding pressing) (EN ISO 105-P01:1995) exempt: Ironing
DIN EN ISO 105-X11 1996-10	Textiles - Tests for colour fastness - Part X11: Colour fastness to hot pressing (EN ISO 105-X11:1996)
DIN EN ISO 105-X12 2016-11	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing (EN ISO 105-X12:2016)

9.1 Pre-treatment

DIN EN ISO 15797 2018-05	Textiles - Industrial washing and finishing procedures for testing of workwear (EN ISO 15797:2018)
DIN EN ISO 3175-2 2020-05	Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene (EN ISO 3175-2:2018)
DIN EN ISO 6330 2022-03	Textiles - Domestic washing and drying procedures for textile testing (EN ISO 6330:2021)

10 Tests on toys and infant articles

DIN EN 71-1 2018-12	Safety of toys - Part 1: Mechanical and physical properties (EN 71-1:2014+A1:2018) exempt: 8.18 Folding or sliding mechanisms 8.19 Electric resistivity of cords 8.21 Static strength 8.22 Dynamic strength 8.23 Dynamic strength 8.24 Kinetic energy of projectiles 8.26 Kinetic energy of projectiles 8.27 Kinetic energy of projectiles 8.28.2.4 Toys with earphones and headphones 8.28.2.7 Toys with earphones and headphones 8.28.2.11 1Voice toys 8.29 Determination of maximum design speed of electrically-driven ride-on toys 8.37 Determination of maximum design speed of electrically-driven ride-on toys 8.42 Determination of projectile range 8.43 Assessment of leading parts of projectiles and flying toys 8.44 Length of suction cup projectiles
DIN EN 16781 2019-08	Textile child care articles - Safety requirements and test methods for children's sleep bags for use in a cot (EN 16781:2018) exempt: 4.1.4.2 Slide fasteners test method 4.3.1 Migration of certain substances 4.3.2 Formaldehyde 4.5 Fire hazards 4.6.1.3 Hygiene and cleanliness of feather and down fillings

11 Tests on toys and infant articles according to the specifications of the United States Consumer Product Safety Commission #)

16 CFR PART 1501 2015	Method for identifying toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts
16 CFR PART 1510 2012	Requirements for Rattles
ASTM F 963 2017	Standard Consumer Safety Specification for Toy Safety
ASTM F 963-17, 4.6	Small objects
ASTM F 963-17, 4.7	Accessible edges
ASTM F 963-17, 4.8	Projection
ASTM F 963-17, 4.9	Accessible points
ASTM F 963-17, 4.10	Wires and rods
ASTM F 963-17, 4.11	Nails and fasteners
ASTM F 963-17, 4.12	Plastic films
ASTM F 963-17, 4.13	Folding Mechanisms and Hinges
ASTM F 963-17, 4.14	Cords and Elastics in Toys
ASTM F 963-17, 4.17	Wheels, Tires and Axles
ASTM F 963-17, 4.22	Teethers and Teething Toys
ASTM F 963-17, 4.23	Rattles
ASTM F 963-17, 4.24	Squeeze toys
ASTM F 963-17, 4.26	Toys Intended to be Attached to a Crib or Playpen
ASTM F 963-17, 4.27	Stuffed and Beanbag-Type Toys
ASTM F 963-17, 4.31	Balloons
ASTM F 963-17, 4.32	Certain Toys with Nearly Spherical Ends
ASTM F 963-17, 4.33	Marbles
ASTM F 963-17, 4.34	Balls
ASTM F 963-17, 4.35	Pompoms
ASTM F 963-17, 4.36	Hemispheric-Shaped Objects
ASTM F 963-17, 4.38	Magnets
ASTM F 963-17, 4.40	Expanding materials
ASTM F 963-17, 4.41	Toy Chests

#) This accreditation does not replace the recognition or approval procedure of the competent authority according to the requirements of the legislator.

12 Testing of water (Raw and drinking water, swimming and bathing pool water, process water)

12.1 Sampling

DIN EN ISO 19458 (K 19) 2006-12	Water quality - Sampling for microbiological analysis
DIN 19643-1 2012-11	Treatment of water of swimming pools and baths - Part 1: General requirements (Restriction: Here for the sampling)

12.2 Determination of bacteria in water by means of cultural microbiological methods [1)]

DIN EN ISO 11731 (K 23) 2019-03	Water quality - Enumeration of Legionella
DIN EN ISO 16266 (K 11) 2008-05	Water quality - Detection and enumeration of Pseudomonas aeruginosa - Method by membrane filtration
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 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

13. Microbiological testing according to the German Drinking Water Ordinance - TrinkwV -

Sampling

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

ANNEX 1: MICROBIOLOGICAL PARAMETERS
PART I: General requirements to drinking water

Ser. No.	Parameter	Procedure
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 to drinking water, which is intended for delivery in sealed containers

Ser. No.	Parameter	Procedure
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 PARAMETER

Part I: Chemical parameters, whose concentration as a rule do not increase within the distribution network incl. drinking water installations

Not occupied

Part II: Chemical parameters, whose concentrations can increase within the distribution network incl. drinking water installations

Not occupied

ANNEX 3: INDICATIVE PARAMETER
Part I: General indicative parameter

Ser. No.	Parameter	Procedure
1	Aluminium	Not occupied
2	Ammonium	Not occupied
3	Chloride	Not occupied
4	Clostridium perfringens (including spores)	Not occupied
5	Coliforme bacteria	DIN EN ISO 9308-1 (K 12) 2017-09
6	Iron	Not occupied
7	Coloration (Spectral absorption coefficient Hg 436 nm)	Not occupied
8	Odour (as TON)	Not occupied
9	Taste	Not occupied
10	Colony count at 22 °C	TrinkwV §15 Absatz (1c)
11	Colony count at 36 °C	TrinkwV §15 Absatz (1c)
12	Electrical conductivity	Not occupied
13	Manganese	Not occupied
14	Sodium	Not occupied
15	Total organic carbon (TOC)	Not occupied
16	Oxidability	Not occupied
17	Sulphate	Not occupied
18	Turbidity	Not occupied
19	Hydrogen ion concentration	Not occupied
20	Citrate dissolving capacity	Not occupied

Part II: Special requirements to drinking water in equipment of drinking water installations

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

ANNEX 3a: Requirements to drinking water relating radioactive materials
Not occupied

Parameters, that are not included in annex 1 to 3 of the German Drinking Water Ordinance

Further periodic testing

Not occupied

The accreditation does not replace the recognition- and admission procedure of the responsible authority according § 15 (4) TrinkwV.

14 Microbial testing of textiles and products

DIN EN ISO 22610 2006-10	Surgical drapes, gowns and clean air suits, used as medical devices, for patients, clinical staff and equipment - Test method to determine the resistance to wet bacterial penetration (ISO 22610:2006) (Modification: Here on personal protective equipment, no medical devices)
DIN EN ISO 22612 2005-05	Clothing for protection against infectious agents - Test method for resistance to dry microbial penetration (ISO 22612:2005)

15 Antimicrobial testing of textiles, commodities and disinfectants

15.1 Determination of antibacterial activity of commodities by means of cultural microbiological methods [1)]

DIN EN ISO 20645 2005-02	Textile fabrics - Determination of antibacterial activity - Agar diffusion plate test (ISO 20645:2004)
DIN EN ISO 20743 2021-10	Textiles - Determination of antibacterial activity of textile products (ISO 20743:2021)
ISO 22196 2011-08	Measurement of antibacterial activity on plastics and other non-porous surfaces
JIS L 1902 2015-07	Determination of antibacterial activity and efficacy of textile products
JIS Z 2801 2010	Antimicrobial products – Test for antimicrobial activity and efficiency
AATCC TM 100 2019	Test Method for Antibacterial Finishes on Textile Materials: Assessment of
AATCC TM 147 2011(2016)	Test Method for Antibacterial Activity Assessment of Textile Materials: Parallel Streak Method
AATCC TM 174 2011(2016)	Test Method for Antimicrobial Activity Assessment of New Carpets

ASTM E 2149-20 2020	Standard Test Method for Determining the Antimicrobial Activity of Immobilized Antimicrobial Agents Under Dynamic Contact Conditions
ASTM E 2180-18 2018	Standard Test Method for Determining the Activity of Incorporated Antimicrobial Agent(s) In Polymeric or Hydrophobic Materials

15.2 Determination of antiviral activity of disinfectants by means of cultural microbiological methods[1)]

DIN EN 1040 2006-03	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics - Test method and requirements (phase 1) (EN 1040:2005)
DIN EN 1276 2019-11	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 1) (EN 1276:2019)
DIN EN 13697 2019-10	Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas - Test method and requirements without mechanical action (phase 2, step 2) (EN 13697:2015+A1:2019)
DIN EN 16616 2015-10	Chemical disinfectants and antiseptics - Chemical-thermal textile disinfection - Test method and requirements (phase 2, step 2) (EN 16616:2015)
VAH Standard method 8 2019-06	Evaluation of bactericidal and yeasticidal activity with quantitative suspension test
VAH Standard method 9 2019-06	Evaluation of bactericidal, yeasticidal, fungicidal, tuberculocidal or mycobactericidal activity with quantitative suspension test
VAH Standard method 17 2019-06	Chemical-thermal textile disinfection – Single bath method (practical conditions)

15.3 Determination of antiviral efficacy of commodities by means of microbiological methods [2)]

SOP-QM-11.HY.03.054 2021-07	Quantitative microbiological testing of textiles for antiviral efficacy with phages
SOP-QM-11.HY.03.057 2021-07	Quantitative microbiological testing of surfaces for antiviral efficacy with phages

15.4 Determination of antimycotic and yeasticidal activity of commodities against dermatophytes, molds and yeasts by means of microbiological methods [1)]

DIN EN 14119 2003-12	Testing of Textiles - Evaluation of the action of microfungi (EN 14119:2003)
DIN EN ISO 846 2020-11	Plastics - Evaluation of the action of microorganisms (ISO 846:2019)
AATCC TM 30 2017	Test Method for Antifungal Activity, Assessment on Textile Materials: Mildew and Rot Resistance of Textile Materials

15.5 Determination of antimycotic and yeasticidal activity of disinfectants against dermatophytes, molds and yeasts by means of microbiological methods [1)]

DIN EN 1275 2006-03	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of basic fungicidal or basic yeasticidal activity of chemical disinfectants and antiseptics - Test method and requirements (phase 1) (EN 1275:2005)
DIN EN 13697 2019-10	Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas - Test method and requirements without mechanical action (phase 2, step 2) (EN 13697:2015+A1:2019)
DIN EN 1650 2019-10	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 1) (EN 1650:2019)

DIN EN 16616 2015-10	Chemical disinfectants and antiseptics - Chemical-thermal textile disinfection - Test method and requirements (phase 2, step 2) (EN 16616:2015)
VAH Standard method 9 2019-06	Evaluation of bactericidal, yeasticidal, fungicidal, tuberculocidal or mycobactericidal activity with quantitative suspension test
VAH Standard method 17 2019-06	Chemical-thermal textile disinfection – Single bath method (practical conditions)

16 Microbiological testing – General hygiene management of facilities

16.1 Sampling

DIN EN ISO 18593 2018-10	Microbiology of the food chain - Horizontal methods for surface sampling

16.2 Determination of microorganisms by means of cultural microbiological methods

DIN 10113-3 1997-07	Determination of surface colony count on fitment and utensils in foodareas - Part 3: Semiquantitative method with culture media laminated taking up equipment
VAH Standard method 9 2019-06	Evaluation of bactericidal, yeasticidal, fungicidal, tuberculocidal or mycobactericidal activity with quantitative suspension test
VAH Standard method 15 2019-06	Chemical/Chemical-thermal instrument disinfectants – practical quantitative carrier test
VAH Standard method 17 2019-06	Chemical-thermal textile disinfection – Single bath method (practical conditions)
SOP-QM-11.HY.03.015 2018-11	Application of bio-indicators for testing sterilizers and disinfection apparatus and assessment
SOP-QM-11.HY.03.021 2020-09	Use of bioindicators to test disinfecting washing processes on site and subsequent evaluation in the laboratory
SOP-QM-11.HY.03.027 2022-04	Procedure for determining airborne germs in clean rooms

SOP-QM-11.HY.03.056 2022-0304	Use of phage bioindicators to test disinfecting washing processes on site and subsequent evaluation in the laboratory

17 Biological testing

17.1 Biocompatibility testing of commodities with body contact and cosmetics on cell lines by means of biological methods [2)]

SOP-QM-11.BM.03.068 2021-07	In vitro testing for sensitizing potential „Modified Myeloid U937 Skin Sensitization Test (mMUSST)
SOP-QM-11.BM.03.094 2020-07	Test for cytotoxicity on textiles and commodities

17.2 Biocompatibility testing of commodities with body contact and cosmetics on chorioallantoic membrane by means of biological methods [2)]

DB-ALM -Protokoll N° 96 2010-02	The Hen´s Egg Test on the Chorioallantoic Membrane (HET-CAM)
SOP-QM-11.BM.03.038 2021-07	Testing on irritation: The Hens´s Egg Test on the Chorioallantoic Membrane (Het-CAM)

17.3 Testing of allergen reduction of commodities by means of microscopy [2)]

NF G39-011 2009-02	Properties of textiles – Textiles and polymeric materials having anti-dustmite properties – Characterisation and measurement of anti-dustmite activity
AATCC TM 194 2006(2013)	Test Method for Assessment of the Anti-House Dust Mite Properties of Textiles under Long-Term Test Conditions
SOP-QM-11.BM.03.041 2020-06	Characterisation and measurement of anti-dustmite activity according to NF G39-011

17.4 Testing of allergen reduction of commodities by means of immunoassay [2)]

NF G39-011 2009-02	Properties of textiles – Textiles and polymeric materials having anti-dustmite properties – Characterisation and measurement of anti-dustmite activity
AATCC TM 194 2006(2013)	Test Method for Assessment of the Anti-House Dust Mite Properties of Textiles under Long-Term Test Conditions
SOP-QM-11.08.03.062 2020-07	Testing for mite allergen impermeability
SOP-QM-11.08.03.063 2020-07	Characterization and measurement of anti-dustmite activity following NF G39-011 by means of Der p1 ELISA

18 Molecular biological analysis of cotton and cotton products

18.1 Test on genetic modifications by means of Real-Time-PCR

IWA 32 2020-02	Screening of genetically modified organisms (GMOs) in cotton and textiles
SOP-QM-11.BM.03.101 2020-02	IWA 32 – GMO screening of cotton and cotton products

18.2 Quantitative detection of genetic modifications by means of Real-Time-PCR

SOP-QM-11.BM.03.108 2021-09	Quantitative detection of genetically modified organisms in raw cotton and processed textiles according to DIN EN ISO 21570:2013-08

19 Physical, physical-chemical und chemical tests of textiles, leather, infant articles and commodities

19.1 Determination of the colour fastness of textiles, leather and commodities [1)]

DIN 53160-1 2010-10	Determination of the colourfastness of articles for common use - Part 1: Test with artificial saliva
DIN 53160-2 2010-10	Determination of the colourfastness of articles for common use - Part 2: Test with artificial sweat
DIN 54034 2018-04	Testing of colour fastness of textiles - Determination of colour fastness of dyeings and prints to bleaching: Hypochlorite (mild)
DIN 54056 2017-11	Testing of colour fastness of textiles - Determination of colour fastness of dyeings and prints to sublimation in storage
DIN EN 20105-A02 1994-10	Textiles - Tests for colour fastness - Part A02: Grey scale for assessing change in colour (ISO 105-A02:1993; EN 20105-A02:1994)
DIN EN 20105-N01 1995-03	Textiles - Tests for colour fastness - Part N01: Colour fastness to bleaching: Hypochlorite (ISO 105-N01:1993; EN 20105-N01:1995)
DIN EN ISO 105-A01 2010-05	Textiles - Tests for colour fastness - Part A01: General principles of testing (ISO 105-A01:2010)
DIN EN ISO 105-A03 2020-02	Textiles - Tests for colour fastness - Part A03: Grey scale for assessing staining (ISO 105-A03:2019)
DIN EN ISO 105-A04 1999-10	Textiles - Tests for colour fastness - Part A04: Method for the instrumental assessment of the degree of staining of adjacent fabrics (ISO 105-A04:1989)
DIN EN ISO 105-A05 1997-07	Textiles - Tests for colour fastness - Part A05: Instrumental assessment of change in colour for determination of grey scale rating (ISO 105-A05:1996, including Technical Corrigendum 1:1997
DIN EN ISO 105-B02 2014-11	Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:2014
DIN EN ISO 105-B04 1997-05	Textiles - Tests for colour fastness - Part B04: Colour fastness to artificial weathering: Xenon arc fading lamp test (ISO 105-B04:1994)
DIN EN ISO 105-B05 1995-12	Textiles - Tests for colour fastness - Part B05: Detection and assessment of photochromism (ISO 105-B05:1993)

DIN EN ISO 105-B07 2009-10	Textiles - Tests for colour fastness - Part B07: Colour fastness to light of textiles wetted with artificial perspiration (ISO 105-B07:2009)
DIN EN ISO 105-C06 2010-08	Textiles - Tests for colour fastness - Part C06: Colour fastness to domestic and commercial laundering (ISO 105-C06:2010)
DIN EN ISO 105-C08 2010-08	Textiles - Tests for colour fastness - Part C08: Colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low-temperature bleach activator (ISO 105-C08:2010)
DIN EN ISO 105-C10 2007-06	Textiles - Tests for colour fastness – Part C10: Colour fastness to washing with soap or soap and soda (ISO 105-C10:2006)
DIN EN ISO 105-D01 2010-10	Textiles - Tests for colour fastness - Part D01: Colour fastness to dry cleaning using perchloroethylene solvent (ISO 105-D01:2010)
DIN EN ISO 105-E01 2013-06	Textiles - Tests for colour fastness - Part E01: Colour fastness to water (ISO 105-E01:2013)
DIN EN ISO 105-E02 2013-06	Textiles - Tests for colour fastness - Part E02: Colour fastness to sea water (ISO 105-E02:2013)
DIN EN ISO 105-E03 2010-08	Textiles - Tests for colour fastness - Part E03: Colour fastness to chlorinated water (swimming-pool water) (ISO 105-E03:2010)
DIN EN ISO 105-E04 2013-08	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration (ISO 105-E04:2013)
DIN EN ISO 105-E06 2006-10	Textiles - Tests for colour fastness - Part E06: Colour fastness to spotting: Alkali (ISO 105-E06:2006)
DIN EN ISO 105-E07 2010-08	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration (ISO 105-E04:2013)
DIN EN ISO 105-N02 2018-12	Textiles - Tests for colour fastness - Part N02: Colour fastness to bleaching: Peroxide (ISO 105-N02:1993)
DIN EN ISO 105-P01 1995-04	Textiles - Tests for colour fastness - Part P01: Colour fastness to dry heat (excluding pressing) (ISO 105-P01:1993)
DIN EN ISO 105-X05 1997-05	Textiles - Tests for colour fastness - Part X05: Colour fastness to organic solvents (ISO 105-X05:1994)
DIN EN ISO 105-X11 1996-10	Textiles - Tests for colour fastness - Part X11: Colour fastness to hot pressing (ISO 105-X11:1994)

DIN EN ISO 105-X12 2016-11	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing (ISO 105-X12:2016)
DIN EN ISO 11640 2018-11	Leather - Tests for colour fastness - Colour fastness to cycles of to-and-fro rubbing (ISO 11640:2018)
DIN EN ISO 11641 2013-02	Leather - Tests for colour fastness - Colour fastness to perspiration (ISO 11641:2012)
DIN EN ISO 11642 2013-02	Leather - Tests for colour fastness - Colour fastness to water (ISO 11642:2012)
DIN EN ISO 11643 2009-10	Leather - Tests for colour fastness - Colour fastness of small samples to solvents (ISO 11643:2009)
DIN EN ISO 12947-4 2007-04	Textiles - Determination of abrasion resistance of fabrics by the Martindale method - Part 4: Assessment of appearance change (ISO 12947-4:1998+Cor. 1:2002)
DIN EN ISO 15700 1999-10	Leather - Tests for colour fastness - Colour fastness to water spotting (ISO 15700:1998)
ASU B 82.02-13 2011-12	Analysis of commodity goods – testing of colour fastness of commodity goods. Part 2: Testing of the sweat simulants (Assumption of the same name standard DIN 53160-2, edition October 2010)
ASU B 82.10-1 2011-12	Analysis of commodity goods; testing of coloured children's toys with respect to their resistance to saliva and perspiration (Assumption of the same name standard DIN 53160, edition June 1974)
ASU B 82.92-3 2011-12	Analysis of commodity goods – testing of colour fastness of commodity goods. Part 1: Testing of the sweat simulants (Assumption of the same name standard DIN 53160-1, edition October 2010)

19.2 Physical tests of textiles. leather, infant articles and commodities [2)]

DIN 53830-3 1981-05	Testing of textiles; determination of linear density of single and plied yarns
DIN 53859-5 1992-12	Testing of textiles; tear growth test on textile fabrics; trapezoid test
DIN 75200 1980-09	Determination of burning behaviour of interior materials in motor vehicles

DIN EN 1021-1 2014-10	Furniture - Assessment of the ignitability of upholstered furniture - Part 1: Ignition source smouldering cigarette (EN 1021-1:2014)
DIN EN 1021-2 2014-10	Furniture - Assessment of the ignitability of upholstered furniture - Part 2: Ignition source match flame equivalent (EN 1021-2:2014)
DIN EN 1049-2 1994-02	Textiles; woven fabrics; construction; methods of analysis; part 2: determination of number of threads per unit length (ISO 7211-2:1984, modified; EN 1049-2:1993)
DIN EN 1101 2005-09	Textiles and textile products - Burning behaviour - Curtains and drapes - Detailed procedure to determine the ignitability of vertically oriented specimens (small flame) (EN 1101:1995 + A1:2005)
DIN EN 1102 2016-10	Textiles and textile products - Burning behaviour - Curtains and drapes - Detailed procedure to determine the flame spread of vertically oriented specimens (EN 1102:2016)
DIN EN 1103 2006-03	Textiles - Fabrics for apparel - Detailed procedure to determine the burning behaviour (EN 1103:2005)
DIN EN 12127 1997-12	Textiles - Fabrics - Determination of mass per unit area using small samples (EN 12127:1997)
DIN EN 14878 2007-08	Textiles - Burning behaviour of children's nightwear - Specification (EN 14878:2007)
DIN EN 14971 2006-04	Textiles - Knitted fabrics - Determination of number of stitches per unit length and unit area (EN 14971:2006)
DIN EN 16732 2016-05	Slide fasteners (zips) - Specification (EN 16732:2015)
DIN EN 17394-2 2020-12	Textiles and textile products - Part 2: Safety of children's clothing - Security of attachment of buttons - Test method (EN 17394-2:2020)
DIN EN 1773 1997-03	Textiles - Fabrics - Determination of width and length (EN 1773:1996)
DIN EN 29073-1 1992-08	Textiles; test method for nonwovens; part 1: determination of mass per unit area (ISO 9073-1:1989; EN 29073-1:1992)

DIN EN 29073-3 1992-08	Textiles; test method for nonwovens; part 3: determination of tensile strength and elongation (ISO 9073-3:1989; EN 29073-3:1992)
DIN EN 71-2 2014-07	Safety of toys - Part 2: Flammability
DIN EN ISO 12945-1 2021-04	Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 1: Pilling box method (ISO 12945-1:2020)
DIN EN ISO 12945-2 2021-04	Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 2: Modified Martindale method (ISO 12945-2:2020)
DIN EN ISO 12947-2 2017-03	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 2: Determination of specimen breakdown (ISO 12947-2:2016)
DIN EN ISO 12947-3 2007-04	Textiles - Determination of abrasion resistance of fabrics by the Martindale method - Part 3: Determination of mass loss (ISO 12947-2:2016)
DIN EN ISO 12947-4 2007-04	Textiles - Determination of abrasion resistance of fabrics by the Martindale method - Part 4: Assessment of appearance change (ISO 12947-4:1998+Cor. 1:2002)
DIN EN ISO 137 2016-09	Wool - Determination of fibre diameter - Projection microscope method (ISO 137:2015)
DIN EN ISO 13934-1 2013-08	Textiles - Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force using the strip method (ISO 13934-1:2013)
DIN EN ISO 13934-2 2014-06	Textiles - Tensile properties of fabrics - Part 2: Determination of maximum force using the grab method (ISO 13934-2:2014)
DIN EN ISO 13935-1 2014-07	Textiles - Seam tensile properties of fabrics and made-up textile articles - Part 1: Determination of maximum force to seam rupture using the strip method (ISO 13935-1:2014)
DIN EN ISO 13935-2 2014-07	Textiles - Seam tensile properties of fabrics and made-up textile articles - Part 2: Determination of maximum force to seam rupture using the grab method (ISO 13935-2:2014)
DIN EN ISO 13936-1 2004-07	Textiles - Determination of the slippage resistance of yarns at a seam in woven fabrics - Part 1: Fixed seam opening method (ISO 13936-1:2004)

DIN EN ISO 13936-2 2004-07	Textiles - Determination of the slippage resistance of yarns at a seam in woven fabrics - Part 2: Fixed load method (ISO 13936-2:2004)
DIN EN ISO 13937-1 2000-06	Textiles - Tear properties of fabrics - Part 1: Determination of tear force using ballistic pendulum method (Elmendorf) (ISO 13937-1:2000)
DIN EN ISO 13937-2 2000-06	Textiles - Tear properties of fabrics - Part 2: Determination of tear force of trouser-shaped test specimens (single tear method) (ISO 13937-2:2000)
DIN EN ISO 13937-3 2000-06	Textiles - Tear properties of fabrics - Part 3: Determination of tear force of wing-shaped test specimens (Single tear method) (ISO 13937-3:2000)
DIN EN ISO 13937-4 2000-06	Textiles - Tear properties of fabrics - Part 4: Determination of tear force of tongue-shaped test specimens (Double tear test) (ISO 13937-4:2000)
DIN EN ISO 13938-2 2020-03	Textiles - Bursting properties of fabrics - Part 2: Pneumatic method for determination of bursting strength and bursting distension (ISO 13938-2:2019)
DIN EN ISO 1421 2017-03	Rubber- or plastics-coated fabrics - Determination of tensile strength and elongation at break (ISO 1421:2016)
DIN EN ISO 14419 2010-08	Textiles - Oil repellency - Hydrocarbon resistance test (ISO 14419:2010)
DIN EN ISO 15487 2018-12	Textiles - Method for assessing appearance of apparel and other textile end products after domestic washing and drying (ISO 15487:2018)
DIN EN ISO 2060 1995-04	Textiles - Yarn from packages - Determination of linear density (mass per unit length) by the skein method (ISO 2060:1994)
DIN EN ISO 2061 2015-12	Textiles - Determination of twist in yarns - Direct counting method (ISO 2061:2015)
DIN EN ISO 2062 2010-04	Textiles - Yarns from packages - Determination of single-end breaking force and elongation at break using constant rate of extension (CRE) tester (ISO 2062:2009)
DIN EN ISO 2313-1 2021-09	Textiles - Determination of the recovery from creasing of a folded specimen of fabric by measuring the angle of recovery - Part 1: Method of the horizontally folded specimen (ISO 2313-1:2021)
DIN EN ISO 3759 2011-08	Textiles - Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change (ISO 3759:2011)

DIN EN ISO 4674-1 2017-03	Rubber- or plastics-coated fabrics - Determination of tear resistance - Part 1: Constant rate of tear methods (ISO 4674-1:2016)
DIN EN ISO 4674-2 2022-02	Rubber- or plastics-coated fabrics - Determination of tear resistance - Part 2: Ballistic pendulum method (ISO 4674-2:2021)
DIN EN ISO 4920 2012-12	Textile fabrics - Determination of resistance to surface wetting (spray test) (ISO 4920:2012)
DIN EN ISO 5077 2008-04	Textiles - Determination of dimensional change in washing and drying (ISO 5077:2007)
DIN EN ISO 5084 1996-10	Textiles - Determination of thickness of textiles and textile products (ISO 5084:1996)
DIN EN ISO 6330 2022-03	Textiles - Domestic washing and drying procedures for textile testing (ISO 6330:2021)
DIN EN ISO 6940 2004-06	Textile fabrics - Burning behaviour - Determination of ease of ignition of vertically oriented specimens (ISO 6940:2004)
DIN EN ISO 6941 2004-05	Textile fabrics - Burning behaviour - Measurement of flame spread properties of vertically oriented specimens (ISO 6941:2003)
DIN EN ISO 811 2018-08	Textiles - Determination of resistance to water penetration - Hydrostatic pressure test (ISO 811:2018)
DIN EN ISO 9237 1995-12	Textiles - Determination of permeability of fabrics to air (ISO 9237:1995)
DIN CEN/TR 16792; DIN SPEC 60008 2015-11	Safety of children's clothing - Recommendations for the design and manufacture of children's clothing - Mechanical safety (CEN/TR 16792:2014) *(Restriction: Annex B only*)
DIN CEN/TS 17394-3 2021-03	Textiles and textile products - Part 3: Safety of children's clothing - Security of attachment of metal mechanically applied press fasteners - Test method (CEN/TS 17394-3:2021)
AATCC TM 193 2017	Test Method for Aqueous Liquid Repellency: Water/Alcohol Solution Resistance
ASTM D 1230-17 2017	Standard Test Method for Flammability of Apparel Textiles

16 CFR Part 1610 2008-10	Standard for the flammability of clothing textiles
16 CFR Part 1615 2010-07	Standards for the flammability of children’s sleepwear: size 0 through 6
16 CFR Part 1616 2010-07	Standards for the flammability of children’s sleepwear: size 7 through 14

19.3 Cleanup of leather

DIN EN ISO 4684 2006-02	Leather - Chemical tests - Determination of volatile matter (EN ISO 4684:2005)

19.4 Determination of the pH value in eluates and extracts from textiles, leather and commodities by electrode measurement

DIN EN ISO 3071 2020-05	Textiles - Determination of pH of aqueous extract (EN ISO 3071:2020)
DIN EN ISO 4045 2018-09	Leather - Chemical tests - Determination of pH and difference figure (EN ISO 4045:2018)

19.5 Quantitative determination of fibre mixtures from textiles and commodities by gravimetry[1)]

DIN 54204 1975-08	Testing of textiles; quantitative analysis of binary mixtures, wool with other fibres, potassium hydroxide solution method
DIN 54209 1975-08	Testing of textiles; quantitative analysis of binary mixtures, degummed mulberry silk with wool, formic acid/zinc chloride method
DIN 54221 1975-08	Testing of textiles; quantitative analysis of binary mixtures, polyamide 6 6 or polyamide 6 fibres with other fibres, hydrochloric acid method
DIN EN ISO 1833-1 2020-09	Textiles - Quantitative chemical analysis - Part 1: General principles of testing (ISO 1833-1:2020)
DIN EN ISO 1833-2 2020-09	Textiles - Quantitative chemical analysis - Part 2: Ternary fibre mixtures (ISO 1833-2:2020)
DIN EN ISO 1833-3 2021-03	Textiles - Quantitative chemical analysis - Part 3: Mixtures of acetate with certain other fibres (method using acetone) (ISO 1833-3:2020)
DIN EN ISO 1833-4 2017-12	Textiles - Quantitative chemical analysis - Part 4: Mixtures of certain protein fibres with certain other fibres (method using hypochlorite) (ISO 1833-4:2017)
DIN EN ISO 1833-6 2019-07	Textiles - Quantitative chemical analysis - Part 6: Mixtures of viscose, certain types of cupro, modal or lyocell with certain other fibres (method using formic acid and zinc chloride) (ISO 1833-6:2018)
DIN EN ISO 1833-7 2017-12	Textiles - Quantitative chemical analysis - Part 7: Mixtures of polyamide with certain other fibres (method using formic acid) (ISO 1833-7:2017)
DIN EN ISO 1833-11 2017-12	Textiles - Quantitative chemical analysis - Part 11: Mixtures of certain cellulose fibres with certain other fibres (method using sulfuric acid) (ISO 1833-11:2017)
DIN EN ISO 1833-12 2021-03	Textiles - Quantitative chemical analysis - Part 12: Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastane fibres with certain other fibres (method using dimethylformamide) (ISO 1833-12:2020)

DIN EN ISO 1833-16 2019-10	Textiles - Quantitative chemical analysis - Part 16: Mixtures of polypropylene fibres with certain other fibres (method using xylene) (ISO 1833-16:2019)
DIN EN ISO 1833-18 2021-03	Textiles - Quantitative chemical analysis - Part 18: Mixtures of silk with wool or other animal hair (method using sulfuric acid) (ISO 1833-18:2020)
DIN EN ISO 1833-22 2021-10	Textiles - Quantitative chemical analysis - Part 22: Mixtures of viscose or certain types of cupro or modal or lyocell with flax fibres (method using formic acid and zinc chloride) (ISO 1833-22:2020)

19.6 Determination of metals with atomic absorption spectrometry (AAS) in eluates and extracts from textiles, leather and commodities [1)]

DIN 38405-D35 2004-09	Determination of arsenic - Method by graphite furnace atomic absorption spectrometry (GF-AAS)
DIN EN ISO 12846 2012-08	Water quality - Determination of mercury - Method using atomic absorption spectrometry (AAS) with and without enrichment (ISO 12846:2012)

19.7 Determination of metals with inductively coupled plasma mass spectrometry (ICP/MS) in eluates and extracts from textiles, leather, commodities and infant articles [2)]

DIN EN 12472 2020-11	Method for the simulation of accelerated wear and corrosion for the detection of nickel release from coated items (EN 12472:2020)
DIN EN 16711-1 2016-02	Textiles - Determination of metal content - Part 1: Determination of metals using microwave digestion (EN 16711-1:2015) (Modification: additional analytes: Se, Mn, Zn, Sn, Ba, Ag, Fe)
DIN EN 16711-2 2016-02	Textiles - Determination of metal content - Part 2: Determination of metals extracted by acidic artificial perspiration solution (EN 16711-2:2015) (Modification: additional analytes: Ag, Sn, Zn, Mn)

DIN EN 1811 2015-10	Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin (EN 1811:2011+A1:2015)
DIN EN ISO 17072-1 2019-07	Leather - Chemical determination of metal content - Part 1: Extractable metals (ISO 17072-1:2019)
DIN EN ISO 17072-2 2019-07	Leather - Chemical determination of metal content - Part 2: Total metal content (ISO 17072-2:2019)
DIN EN ISO 17294-2 (E29) 2017-01	Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (ISO 17294-2:2016) exempt: Uranium isotopes (Modification: here in textile and leather)
ASTM F 963-17 2017	Standard Consumer Safety Specification for Toy Safety 4.3.5.1 Paint and similar surface – Coating Materials 4.3.5.2 Toys Substrate Materials
CPSC-CH-E1001-08.3 2012-11	Standard Operating Procedure for Determining Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry))
CPSC-CH-E1002-08.3 2012-11	Standard Operating Procedure for Determining Lead (Pb) in Non-Metal Children's Products,
CPSC-CH-E1003-09.1 2011-02	Standard Operating Procedure for Determining Lead (Pb) in Paint and other Similar Surface Coatings
HC Part B: Method C-02.2.1 2021-06	Determination of Total Lead in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
HC Part B: Method C-02.3.1: 2021-02	Determination of Total Lead and Cadmium in Plastic Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (Modification: Determination with ICP-MS)
HC Part B: Method C-02.4.1: 2019-03	Determination of Total Lead and Cadmium in Metallic Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (Modification: Determination with ICP-MS)

19.8 Determination of organic compounds by means of gas chromatography with mass selective detectors (GC/MS) in eluates, extracts and emissions from textiles, leather and commodities [2)]

DIN 38407-37 2013-11	German standard methods for the examination of water, waste water and sludge - Jointly determinable substances (group F) - Part 37: Determination of organochlorine pesticides, polychlorinated biphenyls and chlorobenzene in water - Method using gas chromatography and mass spectrometric detection (GC-MS) after liquid-liquid extraction (F 37) Modification: here in textile and leather; additional analytes: Azinphos-ethyl, azinphos-methyl, bromophos-ethyl, captafol, carbaryl, chlorobenzilate, chlordane, chlordimeform, chlorfenvinphos, coumaphos, cyfluthrin, lambda-cyhalothrin, cypermethrin, deltamethrin, diazinon, dicrotophos, dimethoate, endrin, esfenvalerate, fenvalerate, heptachlor, delta-HCH, methamidophos, mevinphos, monocrotophos, phosphamidon, profenofos, propetamphos, quinalphos, tribufos (DEF), chlordecone (kepon), telodrin (isobenzan), isodrin, perthane, trifluralin)
DIN 50009 2021-01	Textiles - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content
DIN EN 16516 2020-10	Construction products: Assessment of release of dangerous substances - Determination of emissions into indoor air (EN 16516:2020)
DIN EN 16778 2016-10	Protective gloves - The determination of Dimethylformamide in gloves (EN 16778:2016)
DIN EN 17130 2019-09	Textiles and textile products - Determination of dimethylfumarate (DMFu), method using gas chromatography (EN 17130:2019)
DIN EN 17132 2019-09	Textiles and textile products - Determination of Polycyclic Aromatic Hydrocarbons (PAH), method using gas chromatography (EN 17132:2019)
DIN EN 17137 2019-02	Textiles - Determination of the content of compounds based on chlorobenzenes and chlorotoluenes (EN 17137:2018) (Modification: here also in leather)
DIN ISO 16000-6 2012-11	Indoor air - Part 6: Determination of volatile organic compounds in indoor and test chamber air by active sampling on Tenax TA® sorbent, thermal desorption and gas chromatography using MS or MS-FID (ISO 16000-6:2011)

DIN EN ISO 11890-2 2020-12	Paints and varnishes - Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content - Part 2: Gas-chromatographic method (ISO 11890-2:2020) (Modification: here in textiles and leather; determination of VOCs, chlorinated solvents and glycols)
DIN EN ISO 14362-1 2017-05	Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (ISO 14362-1:2017)
DIN EN ISO 14389 2014-10	Textiles - Determination of the phthalate content - Tetrahydrofuran method (ISO 14389:2014) (Modification: Additional analytes: Tris (2-chloroethyl) phosphate, Dimethylphthalate, Diethylphthalate, Dinpropylphthalate, Diso-pentylphthalate,-Pentylsopentylphthalate, Diisooctylphthalate, Diiso-hexylphthalate, Dinhexylphthalate, Dinnonylphthalate and Di-undecylphthalate)
DIN EN ISO 17234-1 2020-12	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colorants (ISO 17234-1:2020)
DIN EN ISO 17881-1 2016-09	Textiles - Determination of certain flame retardants - Part 1: Brominated flame retardants (ISO 17881-1:2016) Modification: here also in leather; additional analytes: 2,2',4,4',5,5'-hexabromobiphenyl, 2-bromodiphenyl ether, 2,4-dibromodiphenyl ether, 2,2,4'-tribromodiphenyl ether, 2,2', 4, 4',5-pentabromodiphenyl ether, 2,2',3,3',4,4',5,5',6-nonabromodiphenyl ether, (2-ethylhexyl)-2,3,4,5-tetrabromobenzoate)
DIN EN ISO 22744-1 2020-09	Textiles and textile products - Determination of organotin compounds - Part 1: Derivatisation method using gas chromatography (ISO 22744-1:2020) (Modification: additional analytes: Tetraoctyltin; extraction solution)
DIN EN ISO 14362-3 2017-05	Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene (ISO 14362-3:2017)
DIN EN ISO 16000-9 2008-04	Indoor air - Part 9: Determination of the emission of volatile organic compounds from building products and furnishing - Emission test chamber method (here: Determination in fiber, textile and leather samples) (EN ISO 16000-9:2006)

DIN EN ISO 16186 2021-09	Footwear - Critical substances potentially present in footwear and footwear components - Determination of dimethyl fumarat (DMFU) (ISO 16186:2021)
DIN EN ISO 16189 2022-03	Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine dimethylformamide in footwear materials (ISO 16189:2021) (Modification: here also in textile; extraction method)
DIN EN ISO 16190 2022-02	Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine polycyclic aromatic hydrocarbons (PAHs) in footwear materials (ISO 16190:2021) (Modification: here in protective gloves)
DIN EN ISO 17070 2015-05	Leather - Chemical tests - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (ISO 17070:2015)
DIN EN ISO 17234-2 2011-06	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 2: Determination of 4-aminoazobenzene (ISO 17234-2:2011)
ASU B 82.02-2 2017-12	Analysis of commodity goods – Methods for determination of certain aromatic amines in textiles derived from azo colourants – Part 1: Detection of the use of certain azo colourants accessible with and without extracting the fibres (Assumption of the same name standard DIN EN 14362 part 1, edition May 2017)
ASU B 82.02-3 2016-07	Analysis of commodity goods – Method for the determination of certain azo colourants in dyed leather – Part 1: Determination of certain aromatic amines from azo dyes (Assumption of the same name standard DIN EN ISO 17234-1, edition July 2015)
ASU B 82.02-9 2014-02	Analysis of commodity goods – Method for the determination of certain azo colourants in dyed leather – Part 2: Determination of 4-amino azobenzene (Assumption of the same name standard DIN EN ISO 17234-2, edition June 2011)
ASU B 82.02-15 2017-12	Analysis of commodity goods – Method for the determination of certain aromatic amines in textiles derived from azo colourants – Part 3: Proof of the use of azo colourants that may release 4-aminoazobenzole (Assumption of the same name standard DIN EN 14362 Part 3, edition May 2017)

AFPS GS 2019:01 PAK	Evaluation and assessment of polycyclic aromatic hydrocarbons (PAK) at awarding of the GS mark
CPSC-CH-C1001-09.4 2018-01	Standard Operating Procedure for Determination of Phthalates
GEV-Test method 2022-03	Determination of volatile compounds for classification in the EMICODE - system
SOP-QM 11 0 02 A3 002 2022-01	Determination of phthalate content in textiles (Tetrahydrofuran method) according to DIN EN ISO 14389 Modification: Additional determination of tris(2-chloro-ethyl)phosphate, bisphenol A, UV stabilizers and selected siloxanes according to STANDARD 201 by OEKO-TEX® M-18 and ML-18 (here: Determination of Bisphenol A , UV stabilizers and selected siloxanes)
SOP-QM 11 0 02 A3 007 2021-01	Determination of poly- and perfluorinated compounds (PFC) according to DIN 38414 14 Modification: Determination in textiles and leather according to STANDARD 201 by OEKO-TEX® M 22 + ML-22 (here: Determination of polyfluorinated compounds by PCI-GC-MS)
SOP-QM-11 0 02 A3 017 2021-11	Determination of short chain chlorinated paraffins (SCCP) and medium chain chlorinated paraffins (MCCP) (DIN EN ISO 18219-1; DIN EN ISO 18219-2; DIN EN ISO 22818) Modification: Determination in fiber, textile and leather extracts using EI GC-MS/MS or CI GC-MS after extraction with a mixture of dichloromethane and n-hexane according to STANDARD 201 by OEKO-TEX® M-24 + ML-24 as well as additional testing for medium chain chlorinated paraffins (MCCP)
SOP-QM-11 0 02 A3 024 2020-03	Determination of volatile organic compounds (VOC) by means of thermal desorption analysis according to VDA 278 Modification: Determination of VOCs, chlorinated solvents and glycols in fiber, textile and leather samples according to STANDARD 201 by OEKO-TEX® M-31 & ML-31

19.9 Determination of organic compounds by means of liquid chromatography with conventional detectors (HPLC-DAD) in textiles, leather and commodities 2)

DIN 54231 2005-11	Textiles - Detection of disperse dyestuffs (Modification: here also in leather; additional analytes: quinoline and iso-quinoline)
DIN 54603 2008-08	Testing of paper, paperboard and board - Determination of glyoxal content (Modification: here in textiles, leather and commodities; detection by HPLC-DAD))
DIN EN ISO 13365-1 2020-12	Leather - Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography - Part 1: Acetonitrile extraction method (ISO 13365-1:2020) (Modification: here also in textile)
DIN EN ISO 17226-1 2021-05	Leather - Chemical determination of formaldehyde content - Part 1: Method using high-performance liquid chromatography (ISO 17226-1:2021)
ASU B 82.02-2 2017-12	Analysis of commodity goods – Methods for determination of certain aromatic amines in textiles derived from azo colourants – Part 1: Detection of the use of certain azo colourants accessible with and without extracting the fibres (Assumption of the same name standard DIN EN 14362 part 1, edition May 2017)
ASU B 82.02-3 2016-07	Analysis of commodity goods – Method for the determination of certain azo colourants in dyed leather – Part 1: Determination of certain aromatic amines from azo dyes (Assumption of the same name standard DIN EN ISO 17234-1, edition July 2015)
ASU B 82.02-9 2014-02	Analysis of commodity goods – Method for the determination of certain azo colourants in dyed leather – Part 2: Determination of 4-amino azobenzene (Assumption of the same name standard DIN EN ISO 17234-2, edition June 2011)
ASU B 82.02-15 2017-12	Analysis of commodity goods – Method for the determination of certain aromatic amines in textiles derived from azo colourants – Part 3: Proof of the use of azo colourants that may release 4-aminoazobenzole (Assumption of the same name standard DIN EN 14362 Part 3, edition May 2017)

SOP-QM-11 0 02 A3 028 2021-02	Determination of Azodicarbonamide in textiles, leather and accessories using HPLC-DAD after extraction with DMSO according to STANDARD 201 by OEKO-TEX® M-35

19.10 Determination of organic compounds by means of liquid chromatography with mass-selective detectors (HPLC-MS) in textiles, leather and commodities [2)]

DIN 38414-14 2011-08	Determination of selected polyfluorinated compounds (PFC) in sludge, compost and soil - Method using high performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS) (Modification: here in textiles and leather)
DIN 54231 2005-11	Textiles - Detection of disperse dyestuffs (Modification: here also in leather; additional analytes: quinoline and iso-quinoline)
DIN EN ISO 17881-2 2016-09	Textiles - Determination of certain flame retardants - Part 2: Phosphorus flame retardants (ISO 17881-2:2016) (Modification: here also in leather; additional analytes: TBBPA, BIS, BBMP, TDCPP, TXP, Tri-o-cresylphosphate, TCPP, V6, IPTPP, TBPH)
DIN EN ISO 18254-1 2016-09	Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 1: Method using HPLC-MS (ISO 18254-1:2016) (Modification: additional analytes: HpP, Pep, NP, OP; use of alternative standards; calculation)
DIN ISO 16308 2017-09	Water quality - Determination of glyphosate and AMPA - Method using high performance liquid chromatography (HPLC) with tandem mass spectrometric detection (ISO 16308:2014) (Modification: here in textile and leather; direct measurement without derivatization)
ASU B 82.02-10 2007-03	Analyses of commodity goods – Detection of disperse dyestuffs in textiles (Assumption of the same name standard DIN 54231, edition November 2005)
SOP-QM 11 0 02 A2 003 2021-03	Determination of Disperse dyestuffs and other dyes in textiles according to DIN 54231 Modification: Determination of prohibited disperse dyestuffs, other dyes and quinoline according to STANDARD 201 by OEKO-TEX® M-4-A & ML-4-A sowie M-4-B & ML-4-B (here: Determination of quinoline)

SOP-QM 11 0 02 A3 004 2021-01	Determination of polar pesticides (herbicides, neonicotinoids and aldicarb) in textiles, accessories and leather according to STANDARD 201 by OEKO-TEX® M-6 A & ML-6-A

19.11 Determination of organic compounds by means of liquid chromatography with fluorescence detector (HPLC/FLD) in textiles, leather and commodities

DIN EN ISO 14184-1 2011-12	Textiles - Determination of formaldehyde - Part 1: Free and hydrolysed formaldehyde (water extraction method) (ISO 14184-1:2011) (Modification: Determination using HPLC-FLD)

19.12 Determination of formaldehyde and chromium(VI) by means of photometry in eluates and extracts from textiles, leather and commodities

DIN EN ISO 14184-1 2011-12	Textiles - Determination of formaldehyde - Part 1: Free and hydrolysed formaldehyde (ISO 14184-1:2011) (water extraction method)
DIN EN ISO 17075-1 2017-05	Leather - Chemical determination of chromium(VI) content in leather - Part 1: Colorimetric method (ISO 17075-1:2017)
DIN EN ISO 10195 2021-10	Leather - Chemical determination of chromium(VI) content in leather - Thermal pre-ageing of leather and determination of hexavalent chromium (ISO 10195:2018)
JIS L 1041 2011-07 Harmful Substance-Containing Household Products Control Law Nr. 112	Quantitative determination of free and partly cleavable formaldehyde on finished textiles (acetylacetone method)

19.13 Qualitative and sensory tests in textiles and commodities

PW-QM 11.0.02.009 2008-01	Qualitative testing on textiles finished with high-grade finishing based on formaldehyde and glyoxal resin, colour reaction
SOP-QM 11.0.02.A5.002 2019-01	Qualitative detection of fluorocarbon resins on finished textiles, sodium nitrate digestion
AW-QM-11.0.03.082 2020-06	Beilstein test: testing of halogen containing compounds
SNV 195 651 2015-09	Textiles: Determination of the development of smells of finishings (sensory test)

19.14 Physical-chemical and chemical tests of products according to STANDARD 100, LEATHER STANDARD und ECO PASSPORT by OEKO-TEX®

19.14.1 Determination of the pH value

DIN EN ISO 3071 2020-05	Textiles - Determination of pH of aqueous extract (EN ISO 3071:2020)

19.14.2 Determination of formaldehyde

19.14.2.1 Qualitative testing for the presence of formaldehyde

PW-QM 11 0 02 A5 010 2013-04	Qualitative testing of the presence of formaldehyde

19.14.2.2 Quantitative determination of the content of free and partially releasable formaldehyde

JIS L 1041; Harmful Substances-containing Houshold Products Control Law Nr. 112 2011-07	Quantitative determination of free and partly cleavable formaldehyde on finished textiles (acetylacetone method)

19.14.3 Determination of heavy metals

DIN EN ISO 17294-2 2017-01	Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (ISO 17294-2:2016)

19.14.3.1 Extraction with artificial acid sweat solution

DIN EN 12472 2020-11	Method for the simulation of accelerated wear and corrosion for the detection of nickel release from coated items (EN 12472:2020)
DIN EN 1811 2015-10	Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin (EN 1811:2011+A1:2015)
DIN EN 16711-2 2016-02	Textiles - Determination of metal content - Part 2: Determination of metals extracted by acidic artificial perspiration solution (EN 16711-2:2015)

19.14.3.2 Digestion of the samples

CPSC-CH-E1001-08.3 2012-11	Standard operation procedure of determination of total lead (Pb) in children´s metal products (here: only digestion)
HC Part B: Method C-02.3.1 2021-02	Determination of Total Lead and Cadmium in Plastic Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (here: only digestion)
DIN EN 16711-1 2016-02	Textiles - Determination of metal content - Part 1: Determination of metals using microwave digestion (EN 16711-1:2015)

19.14.3.3 Test for chromium (VI)

DIN EN ISO 17075-1 2017-05	Leather - Chemical determination of chromium(VI) content in leather - Part 1: Colorimetric method (ISO 17075-1:2017) (Modification: here determination in perspiration eluates)
ISO 11083 1994-08	Water quality - Determination of chromium(VI) - Spectrometric method using 1,5-diphenylcarbazide (Modification: here: determination in perspiration eluates)

19.14.4 Determination of the content of pesticides

DIN 38407-37 2013-11	German standard methods for the examination of water, waste water and sludge - Jointly determinable substances (group F) - Part 37: Determination of organochlorine pesticides, polychlorinated biphenyls and chlorobenzene in water - Method using gas chromatography and mass spectrometric detection (GC-MS) after liquid-liquid extraction (F 37) (Modification: here in textiles and leather; additional analytes: azinphos-ethyl, azinphos-methyl, bromophos-ethyl, captafol, carbaryl, chlorobenzilate, chlordane, chlordimeform, chlorfenvinphos, coumaphos, cyfluthrin, lambda-cyhalothrin, cypermethrin, deltamethrin, diazinon, dicrotophos, dimethoate, endrin, esfenvalerate, fenvalerate, heptachlor, delta-HCH, methamidophos, mevinphos, monocrotophos, phosphamidon, profenofos, propetamphos, quinalphos, tribufos (DEF), chlordecone (kepon), telodrin (isobenzan), isodrin, perthane, trifluralin
DIN ISO 16308 2017-09	Water quality - Determination of glyphosate and AMPA - Method using high performance liquid chromatography (HPLC) with tandem mass spectrometric detection (ISO 16308:2014) (Modification: here in textile and leather)
SOP-QM 11 0 02 A3 004 2021-01	Determination of polar pesticides (herbicides, neonicotinoids and aldicarb) in textiles, accessories and leather according to STANDARD 201 by OEKO-TEX® M-6 A & ML-6-A

19.14.5 Determination of the content of chlorophenols

DIN 50009 2021-01	Textiles - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content

19.14.6 Determination of the content of phthalate

DIN EN ISO 14389 2014-10	Textiles - Determination of the phthalate content - Tetrahydrofuran method (ISO 14389:2014)

19.14.7 Determination of the content of bisphenol A

SOP-QM 11 0 02 A3 002 2022-01	Determination of phthalate content in textiles (Tetrahydrofuran method) according to DIN EN ISO 14389 Modification: Additional determination of tris(2-chloro-ethyl)phosphate, bisphenol A, UV stabilizers and selected siloxanes according to STANDARD 201 by OEKO-TEX® M-18 and ML-18 (here: Determination of bisphenol A)

19.14.8 Determination of the content of organic tin compounds

DIN EN ISO 22744-1 2020-09	Textiles and textile products - Determination of organotin compounds - Part 1: Derivatisation method using gas chromatography (ISO 22744-1:2020)

19.14.9 Determination of the content of dimethyl fumarate

DIN EN ISO 16186 2021-09	Footwear - Critical substances potentially present in footwear and footwear components - Determination of dimethyl fumarat (DMFU) (ISO 16186:2021)
DIN EN 17130 2019-09	Textiles and textile products - Determination of dimethylfumarate (DMFu), method using gas chromatography (EN 17130:2019)

19.14.10 Determination of the content of quinoline

SOP-QM 11 0 02 A2 003 2021-03	Determination of Disperse dyestuffs and other dyes in textiles according to DIN 54231 Modification: Determination of prohibited disperse dyestuffs, other dyes and Quinoline according to STANDARD 201 by OEKO-TEX® M-4-A & ML-4-A as well as M-4-B & ML-4-B (here: Determination of quinoline)

19.14.11 Determination of azodicarbonamide

SOP-QM-11 0 02 A3 028 2021-02	Determination of azodicarbonamide in textiles, leather and accessories using HPLC-DAD after extraction with DMSO according to STANDARD 201 by OEKO-TEX® M-35

19.14.12 Determination of phenol

DIN EN ISO 13365-1 2020-12	Leather - Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography (ISO 13365-1:2020) (Modification: Here also in textile)

19.14.13 Test for human ecologically critical colourants

19.14.13.1 Test for Azo-colorants, which may be cleaved into arylamines of MAK-group III, categories 1 and 2 under reductive conditions

DIN EN ISO 14362-1 2017-05	Textiles – Methods for determination of certain aromatic amines derived from azo colorants – Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (ISO 14362-1:2017)
DIN EN ISO 14362-3 2017-05	Textiles – Methods for determination of certain aromatic amines derived from azo colorants – Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene (ISO 14362-3:2017)
DIN EN ISO 17234-1 2020-12	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colorants (ISO 17234-1:2020)

DIN EN ISO 17234-2 2011-06	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 2: Determination of 4-aminoazobenzene (ISO 17234-2:2011)

19.14.13.2 Test for dyestuffs and pigments, classified as carcinogenic

DIN 54231 2005-11	Textiles - Detection of disperse dyestuffs (Modification: here also in leather)

19.14.13.3 Test for dyestuff, classified as allergenic

DIN 54231 2005-11	Textiles - Detection of disperse dyestuffs (Modification: Here also for leather)

19.14.14 Determination of the content of chlorinated benzenes and toluenes

DIN EN 17137 2019-02	Textiles - Determination of the content of compounds based on chlorobenzenes and chlorotoluenes (EN 17137:2018) (Modification: here also in leather)

19.14.15 Determination of the content of PAH

DIN EN 17132 2019-09	Textiles and textile products - Determination of Polycyclic Aromatic Hydrocarbons (PAH), method using gas chromatography (EN 17132:2019)

19.14.16 Determination of flame retardants

DIN EN ISO 17881-1 2016-09	Textiles - Determination of certain flame retardants - Part 1: Brominated flame retardants (ISO 17881-1:2016) (Modification: here also in leather; additional analytes: 2,2',4,4',5,5'-hexabromobiphenyl, 2-bromodiphenyl ether, 2,4-dibromodiphenyl ether, 2,2,4'-tribromodiphenyl ether, 2,2',4, 4',5-pentabromodiphenyl ether, 2,2',3,3',4,4',5,5',6-nonabromodiphenyl ether, (2-ethylhexyl)-2,3,4,5-tetrabromobenzoate))

DIN EN ISO 17881-2 2016-09	Textiles - Determination of certain flame retardants - Part 2: Phosphorus flame retardants (ISO 17881-2:2016) (Modification: here also in leather; additional analytes: TBBPA, BIS, BBMP, TDCPP, TXP, Tri-o-cresylphosphate, TCPP, V6, IPTPP, TBPH [e.g. BBMP, V6])

19.14.17 Determination of the content of solvent residues

DIN EN ISO 11890-2 2020-12	Paints and varnishes - Determination of volatile organic compounds (VOC) (ISO 11890-2:2020) Part 2: Gas-chromatographic method (Modification: here in textiles and leather; determination of VOCs, chlorinated solvents and glycols
DIN EN ISO 16189 2022-03	Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine dimethylformamide in footwear materials (ISO 16189:2021) (Modification: here also in textiles and leather; extraction method)

19.14.18 Determination of the content of surfactant and wetting agent residues

DIN EN ISO 18254-1 2016-09	Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 1: Method using HPLC-MS (ISO 18254-1:2016) (Modification: additional analytes, e.g. HpP, Pep, NP, OP; use of alternative standards; calculation)

19.14.19 Determination of the content of poly- and perfluorinated compounds

DIN 38414-14 2011-08	Determination of selected polyfluorinated compounds (PFC) in sludge, compost and soil - Method using high performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS) (Modification: here determination in sweat eluates)
SOP-QM 11 0 02 A3 007 2021-01	Determination of poly- and perfluorinated compounds (PFC) according to DIN 38414 14 Modification: Determination in textiles and leather according to STANDARD 201 by OEKO-TEX® M 22 + ML-22 (here: Determination of polyfluorinated compounds by PCI-GC-MS)

19.14.20 Determination of the content of UV-stabilizer

SOP-QM 11 0 02 A3 002 2022-01	Determination of phthalate content in textiles (Tetrahydrofuran method) according to DIN EN ISO 14389 Modification: Additional determination of tris(2-chloroethyl)phosphate, bisphenol A, UV stabilizers and selected siloxanes according to STANDARD 201 by OEKO-TEX® M-18 and ML-18 (here: Determination of UV-Stabalizer)

19.14.21 Determination of chlorinated paraffins

SOP-QM-11 0 02 A3 017 2021-11	Determination of short chain chlorinated paraffins (SCCP) and medium chain chlorinated paraffins (MCCP) (DIN EN ISO 18219-1; DIN EN ISO 18219-2; DIN EN ISO 22818) Modification: Determination in fiber, textile and leather extracts using EI GC-MS/MS or CI GC-MS after extraction with a mixture of dichloromethane and n-hexane according to STANDARD 201 by OEKO-TEX® M-24 + ML-24 as well as additional testing for medium chain chlorinated paraffins (MCCP)

19.14.22 Determination of the content of siloxane

SOP-QM 11 0 02 A3 002 2022 01	Determination of phthalate content in textiles (Tetrahydrofuran method) according to DIN EN ISO 14389 Modification: Additional determination of tris(2-chloroethyl)phosphate, bisphenol A, UV stabilizers and selected siloxanes according to STANDARD 201 by OEKO-TEX® M-18 and ML-18 (here: Determination of siloxanes)

19.14.23 Determination of nitrosamines

DIN EN 71-12 2017-03	Safety of toys - Part 12: N-Nitrosamines and N-nitrosatable substances (Modification: Destination in textiles, leather and accessories) (EN 71-12:2016)

19.14.24 Determination of colour fastnesses

DIN EN ISO 105-E01 2013-06	Textiles - Tests for colour fastness - Part E01: Colour fastness to water (ISO 105-E01:2013)
DIN EN ISO 105-E04 2013-08	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration (ISO 105-E04:2013)
DIN EN ISO 105-X12 2016-11	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing (ISO 105-X12:2016)
DIN 53160-1 2010-10	Determination of the colourfastness of articles for common use - Part 1: Test with artificial saliva
DIN 53160-2 2010-10	Determination of the colourfastness of articles for common use - Part 2: Test with artificial sweat

19.14.25 Determination of the emission of volatile and odorous compounds by gas chromatography

DIN EN ISO 16000-9 2008-04	Indoor air - Part 9: Determination of the emission of volatile organic compounds from building products and furnishing - Emission test chamber method (ISO 16000-9:2006)
DIN ISO 16000-6 2012-11	Indoor air - Part 6: Determination of volatile organic compounds in indoor and test chamber air by active sampling on Tenax TA® sorbent, thermal desorption and gas chromatography using MS or MS-FID (ISO 16000-6:2011)

19.14.26 Sensorial odour test

SOP-QM 11 0 02 A5 008 2022-01	SNV 195 651: Textiles: Determination of odour evolution of finishes (Sensory test) (Modification: Determination of odor according to OEKO- TEX® Standard 201 M-16)

20 Determination of water and waste water

20.1 Physical tests

DIN 38404-4 1976-12	German Standard Methods for Analysing of Water, Waste Water and Sludge; Physical and Physical-chemical Parameters (Group C); Determination of Temperature (C4)
DIN EN ISO 10523 2012-04	Water quality - Determination of pH (ISO 10523:2008)

20.2 Sampling

DIN EN ISO 15587-1 2002-07	Water quality - Digestion for the determination of selected elements in water - Part 1: Aqua regia digestion (ISO 15587-1:2002)
DIN EN ISO 15587-2 2002-07	Water quality - Digestion for the determination of elements in water - Part 2: Nitric acid digestion (ISO 15587-2:2002)

20.3 Element determination by means of ICP/MS and AAS

DIN EN ISO 12846 2012-08	Water quality - Determination of mercury - Method using atomic absorption spectrometry (AAS) with and without enrichment (ISO 12846:2012)
DIN EN ISO 17294-2 (E29) 2017-01	Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (ISO 17294-2:2016) Excluding: Uranium isotopes

21 Chemical tests on toys

DIN EN 1541 2001-07	Paper and board intended to come into contact with foodstuffs - Determination of formaldehyde in an aqueous extract
DIN EN 645 1994-01	Paper and board intended to come into contact with foodstuffs; preparation of a cold water extract
DIN EN 71-3 2019-08	Safety of toys - Part 3: Migration of certain elements
DIN EN 71-9 2007-09	Safety of toys - Part 9: Organic chemical compounds - Requirements
DIN EN 71-10 2006-03	Safety of toys - Part 10: Organic chemical compounds - Sample preparation and extraction
DIN EN 71-11 2006-01	Safety of toys - Part 11: Organic chemical compounds - Methods of analysis
DIN EN 71-12 2017-03	Safety of toys - Part 12: N-Nitrosamines and N-nitrosatable substances
DIN EN ISO 787-9 2019-06	General methods of test for pigments and extenders - Part 9: Determination of pH value of an aqueous suspension (ISO 787-9:1981)

Abbreviations used:

AATCC	American Association of Textile Chemists and Colorists
AfPS	Product Safety Commission [Aufgaben des Ausschusses für Produktsicherheit]
ASTM	ASTM International, formerly known as the American Society for Testing and Materials
ASU	Official collection of test methods according to § 64 food, feeding stuff and commodity goods, law code available as technical rule BVL at the Beuth Verlag www.dinmedia.de
AW-QM...	Standard Operating Procedure of the Hohenstein Laboratories GmbH & Co. KG
CFR	Code of Federal Regulations (USA)
CPSC	Consumer Product Saftey Commission (USA)
DVGW	Deutsche Vereinigung des Gas- und Wasserfaches e. V. [German Association for Gas and Water]
HC	Health Canada – Product Safety Laboratory Book 5 – Laboratory Policies and Procedures
JIS	Japan Industrial Standard
OEKO-TEX®	Confidence in Textiles/Leather (www.oeko-tex.com)
PW-QM...	Standard Operating Procedure of the Hohenstein Laboratories GmbH & Co. KG
PW/SOP-QM….	Testing instruction / Standard Operation Procedure of the Hohenstein Laboratories GmbH & Co. KG
SOP-QM…	Standard Operating Procedure
UBA	Umweltbundesamt [Federal Environmental Agency]
VAH	Verband für Angewandte Hygiene e.V. [German Association for Applied Hygiene]
TrinkwV	Trinkwasserverordnung [Drinking water ordinance]
UBA	Umweltbundesamt [Federal Environmental Agency]