

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-14435-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 25.06.2020

Date of issue: 25.06.2020

Holder of certificate:

**Eurofins Consumer Product Testing GmbH
Am Neuländer Gewerbepark 4, 21079 Hamburg**

Tests in the fields:

physical and physico-chemical investigations of alcoholic and non-alcoholic drinks, convenience products, mixed feed, consumer products, toys, migration solutions, cosmetic products and their raw materials, wash-, care- and cleaning agents

In the test areas marked * and ** the testing laboratory is permitted to implement, without previously informing the DAkKS and receiving its approval,

***) the free selection of standardised test procedures or their equivalents**

*****) the modification, further development and new development of test procedures.**

The listed test procedures are exemplary.

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkKS, to use standards or equivalent testing methods listed here in different issue dates.

The testing laboratory has a current list of all test procedures in the flexible accreditation area.

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

Abbreviations used: see last page

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

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1 Investigations of alcoholic and non-alcoholic drinks as well as convenience products

ASU L 00.00-51 2000-07	Investigation of foods - determining BADGE and BADGE - 2HCl present in foods using LC-MS
PV 01096 2012-02	Determining bisphenol A and bisphenol F in aqueous media using GC-MS
PV 01147 2012-06	Determining the free and cleavable formaldehyde in beer and similar matrices
PV 01368 2012-04	Fluoride using ion-selective electrodes in milk products

2 Investigations of mixed feed

PV 01080 2016-11	Determining NDMA and NDEA in feedstuffs
PV 01369 2012-04	Fluoride using ion-selective electrodes in mineral products

3 Investigations of consumer products (products with food contact, packaging materials, toys and other consumer products)

3.1 Sample preparation

3.1.1 Sample preparation using extraction *

DIN EN 71-10 2006-03	Safety of toys - Part 10: Organic-chemical compounds - Preparation of samples and extraction
Resolution AP (89) 1 Chapter III Nr. 2 1989-09	On the use of colourants in plastic materials coming into contact with food - Chapter III Pkt. 2: Determination of metals and metalloids

3.1.2 Other preparation

PV 01371 2012-04	Sample preparation with melting digestion
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3.2 Determination of organic compounds in consumer products with food contact (plastics, paper, wood), other consumer products, packaging materials and toys using gas chromatography with mass-selective detectors (MS, MS/MS) **

DIN EN ISO 15318 1999-12	Pulp, paper and board - Determination of 7 specified polychlorinated biphenyls (PCB) using GC-MS
DIN EN 71-11 2006-01	Safety of toys - Part 11: Organic chemical compounds - Methods of analysis
PV 00515 2011-06	Semi-quantitative thermodesorption screening of organic emissions; determining volatile organic compounds using thermoextraction/thermodesorption GC/MS
PV 00694 2013-10	Determining phthalates in non-food products
PV 00770 2007-12	Determining chlorophenols in consumer products and in wood
PV 00973 2007-06	Alcohols in paper and similar matrices using GC/MS
PV 00976 2012-04	Determining PAH in paper
PV 01104 2017-03	VOC analysis in direct and indirect materials by ATD-GC-MS - customer method
PV 01131 2008-10	Determining MCPD and DCP in paper

3.3 Determination of organic compounds in consumer products with food contact, consumer products, migration solutions and toys using liquid chromatography with mass-selective detectors (MS, MS/MS) **

DIN EN 71-11 2006-01	Safety of toys - Part 11: Organic-chemical compounds - Methods of analysis
PV 00972 2012-12	Isothiazolinone in paper and similar matrices using LC-MS/MS
PV 01095 2013-09	Determining plastics stabilisers in migration solutions using LC-MS/MS

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PV 01137 2010-07	Melamine in migration solutions using LC-MS/MS
PV 01139 2009-02	Determining bisphenol A and bisphenol F in migration solutions using LC-MS/MS
PV 01140 2009-02	Determining BADGE, BFDGE and their hydroxy and chlorinated derivatives in migration solutions using LC-MS/MS

3.4 Determination of organic compounds in consumer products with food contact (paper and paperboard) packaging materials using coupled liquid - and gas chromatography with conventional detectors (FID)

PV 01482 2017-06	Determination of MOSH/MOAH (online LC-GC-coupling) in carton, paper, paperboard, Tenax- and Ethanol-migrationsolution, careproducts and raw material using GC-FID
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3.5 Determination of residual solvents in packaging using gas chromatography with conventional detector (FID)

DIN EN 13628-2 2003-01	Packaging; Flexible packaging material - Determination of residual solvents by static headspace gas chromatography - Part 2: Industrial methods
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3.6 Determination of organic compounds and Chrome- VI in materials for use with foods (plastics, paper, wood), consumer products and toys using photometry **

DIN EN ISO 17075 2008-02	Protective gloves - General requirements and test methods; Leather - Chemical tests - Determination of chromium(VI) content
DIN EN 71-11 2006-01	Safety of toys - Part 11: Organic chemical compounds - Methods of analysis
DIN EN 1541 2001-07	Paper and board intended to come into contact with foodstuffs - Determination of formaldehyde in an aqueous extract
DIN 54603 2008-08	Testing of paper, paperboard and board - Determination of glyoxal content
ASU L 00.00-6 1995-01 Correction 2002-12	Investigation of foods - determining primary aromatic amines in aqueous test foodstuffs

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DIN EN 1186-6 2002-07	Materials and articles in contact with foodstuffs - Plastics - Part 6: Test methods for overall migration into olive oil using a pouch;
DIN EN 1186-7 2002-07	Materials and articles in contact with foodstuffs - Plastics - Part 7: Test methods for overall migration into aqueous simulants using a pouch
DIN EN 1186-14 2002-12	Materials and articles in contact with foodstuffs - Plastics - Part 14: Test methods for 'substitute tests' for overall migration from plastics intended to come into contact with fatty foodstuffs using test media iso-octane and 95 % ethanol

3.9 Determination of the colourfastness in consumer products using visual testing *

ASU B 82.92-3 2011-12	Determination of the colourfastness of articles for common use - Part 1: Test with artificial saliva
ASU B 82.02-13 2011-12	Investigation of commodity goods - determining colourfastness of commodity goods - Part 2: Testing with sweat simulants

3.10 Determination of pH in consumer products (textiles, leather) using electrode measurement *

DIN EN ISO 3071 2006-05	Textiles - Determination of pH of aqueous extract
DIN EN ISO 4045 2008-05	Leather - Chemical tests - Determination of pH

3.11 Determination of chrome VI using ion chromatography **

PV 01452 2015-07	Ionchromatography Determination of chrome VI in migration solution after post-column derivatization
DIN EN ISO 17075 2008-02	Leather - Chemical tests - Determination of chromium(VI) content

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4.6 Determination of elements in cosmetic products

4.6.1 Using atomic absorption spectrometry (AAS) **

PV 01383 2016-08	Determining titanium oxide used as a light filter in sunscreen products using AAS
PV 01384 2015-10	Determining the content in terms of aluminium-containing agents in deodorant products using AAS

4.6.2 Using inductively coupled plasma mass spectrometry (ICP-MS)

DIN EN ISO 17294-2 (E 29) 2017-01	Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (Deviation: <i>Application to cosmetics after digestion according to ASU K 84.00-29</i>)
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4.7 Physical and physico-chemical investigations

DGF H-III 1 1992	Determining pH value
PV 00323 2011-04	Determining free and released formaldehyde (as total) in cosmetics
PV 01238 2012-04	Determining non-ionic tensides
PV 01363 2012-04	Determining density
PV 01370 2016-11	Fluoride using ion-selective electrodes in toothpaste
PV 01490 2017-05	Element specification of chrome and chromate in cosmetics using ionchromatography after matrix-elimination and postcolumn-derivatization after extraction with synthetical tear solution

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Abbreviations used:

ASU	Official collection of investigation procedures according to §64 LFGB
DGF	German company for fetish science (Deutsche Gesellschaft für Fettwissenschaft e. V.)
DIN	German Institute for Standardisation (Deutsches Institut für Normung e. V.)
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
LFGB	Food and Feed Legislation (Lebensmittel- und Futtermittelgesetzbuch)
PV XXXXX	Laboratory in-house test method of Eurofins Consumer Product Testing GmbH

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