

D-PL-11159-01-00 DAkkS accreditation method within Flexible Scope List
D-PL-11159-01-00 DAkkS 弹性认可范围测试方法清单
1. Chemical and physical-chemical testing of commodities and specific consumer products
1.1 Sample preparation of textile, leather, rubber, plastic, metal, food contact material, automotive parts

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Heavy Metals (Lead and Cadmium)	EPA 3050B 1996-12	Acid digestion of sediments, sludges, and soils (Modifications: 1: Applied for lead and cadmium analysis in metal 2: Digestion procedures changed)	Metal	2022.10.20
2	Heavy Metals	EPA 3052 1996-12	Microwave assisted acid digestion of siliceous and organically based matrices (Modification: <i>Applied for metal, liquid, textiles, leather, ink, plastic, paper</i>)	Metal, liquid, textiles, leather, ink, plastic, paper	2022.10.20
3	Hexabromocyclododec ane (HBCDD) Tetrabromobisphenol A (TBBPA)	EPA 3550C 2007-02	Ultrasonic Extraction (Modification: <i>Applied for Hexabromocyclododecane (HBCDD), Tetrabromobisphenol A (TBBPA) analysis</i>)	Textile, leather, rubber, plastic	2022.10.20
4	Migration of PAHs Migration of Phthalates Soluble CrVI Soluble Heavy Metal Specific Migration of PFOS&PFOA	EN 13130-1 2004-05	Materials and articles in contact with foodstuffs - Plastics substances subject to limitation - Part 1: Guide to test methods for the specific migration of substances from plastics to foods and food simulants and the determination of substances in plastics and the selection of conditions of exposure to food simulants	Plastic	2022.10.20
5	Migration of PAHs Migration of Phthalates Soluble CrVI Soluble Heavy Metal Specific Migration of PFOS&PFOA	BS EN 13130-1 2004-06	Materials and articles in contact with foodstuffs - Plastics substances subject to limitation - Part 1: Guide to test methods for the specific migration of substances from plastics to foods and food simulants and the determination of substances in plastics and the selection of conditions of exposure to food stimulants	Plastic	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
6	Leachable heavy metal	EN 645 1993-10	Paper and board intended to come into contact with foodstuffs -Preparation of a cold water extract (Modification: <i>Here for the extraction of leachable heavy metal</i>)	Paper, board, food contacted material	2022.10.20
7	Leachable heavy metal	EN 647 1993-10	Paper and board intended to come into contact with foodstuffs -Preparation of a hot water extract (Modification: <i>Here for the extraction of leachable heavy metal</i>)	Paper, board, food contacted material	2022.10.20
8	Extractable heavy Metals	ISO 105-E04 2013-03	Determination of extractable heavy metal (with reference ISO 105 E04:2013 for preparation of perspiration solution) by ICP-MS (Modification: <i>Here for the extraction of heavy metal</i>)	Textile, plastics, paint, metal	2022.10.20

1.2 Determination of organic hazardous substances in textiles, leather, rubber, plastic, metal, fashion jewellery, toy using gas chromatography with mass selective detectors (GC-MS/GC-MS-MS) **

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Phthalate	ISO 8124-6 2018-11	Safety of toys - Part 6: Certain phthalate esters in toys and children's products	Toy's and children's products	2022.10.20
2	AZO dyes	ISO 14362-1 2017-02	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 fibers	Textile	2022.10.20
3	AZO dyes	ISO 14362-3 2017-02	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	Textile	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
4	Phthalate	ISO 14389 2014-05 2022-10	Textiles - Determination of the phthalate content – Tetrahydrofuran method	Textile	2023.12.11
5	Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP)	ISO 17070 2015-02	Leather - Chemical tests - Determination of tetrachlorophenoltrichlorophenol-, dichlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (Modification: <i>Applied for Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP) analysis</i>)	Leather	2022.10.20
6	AZO dyes	ISO 17234-1 2020-08	Leather - Chemical tests for the determination of certain azo colourants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colourants	Leather	2022.10.20
7	AZO dyes	ISO 17234-2 2011-03	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 2: Determination of 4-aminoazobenzene	Leather	2022.10.20
8	Organotin	ISO 17353 2004-09	Water quality - Determination of selected organotin compounds – Gas chromatographic method (Modifications: <i>1: Applied only for textiles, leather, plastics 2: Extraction by ultrasonic extraction with ethanoic carbamate solution</i>)	Textiles, leather, plastic	2022.10.20
9	Organotin	ISO/TS 16179 2012-08	Footwear - Critical substances potentially present in footwear and footwear components - Determination of organotin compounds in footwear materials	Footwear material	2022.10.20
10	Phthalate	ISO/TS 16181 ISO 16181-1 2021-03	Footwear - Critical substances potentially present in footwear and footwear components - Determination of phthalates in footwear materials Part 1: Determination of phthalate with solvent extraction	Footwear material	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
11	Dimethyl fumarate(DMFU)	ISO 16186 2021-05	Footwear - Critical substances potentially present in footwear and footwear components - Determination of dimethyl fumarate (DMFU)	Footwear material	2022.10.20
12	AZO dyes	EN ISO 14362-1 2017-02	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 fibers (ISO 14362-1:2017)	Textile	2022.10.20
13	Phthalate	EN ISO 14389 2014-06	Textiles - Determination of the phthalate content – Tetrahydrofuran method (ISO 14389:2014)	Textile	2022.10.20
14	AZO dyes	EN ISO 14362-3 2017-02	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)	Textile	2022.10.20
15	Phthalate	EN 14372 2004-08	Child use and care articles - Cutlery and feeding utensils – Safety requirements and tests (Here: <i>Section 6.3.2 Determination of phthalate content</i>)	Child use and care articles	2022.10.20
16	Phthalate	DIN EN ISO 14389 2014-10	Textiles - Determination of the phthalate content – Tetrahydrofuran method (ISO 14389:2014)	Textile	2022.10.20
17	Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP)	DIN EN ISO 17070 2015-05	Leather - Chemical tests - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (ISO 17070:2015) (Modification: <i>Applied for Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP) analysis</i>)	Leather	2022.10.20
18	Organotin	DIN EN ISO 17353 2005-11	Water quality - Determination of selected organotin compounds – Gas chromatographic method (ISO 17353:2004)	Textiles, leather, plastic	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
			(Modifications: 1: <i>Applied only for textiles, leather, plastics</i> 2: <i>Extraction by ultrasonic extraction with ethanoic carbamate solution</i>)		
19	AZO dyes	BS EN ISO 14362-1 2017-02	Textiles. Methods for determination of certain aromatic amines derived from azo colorants. Detection of the use of certain azo colorants accessible with and without extracting the fibres	Textiles	2022.10.20
20	AZO dyes	BS EN ISO 14362-3 2017-02	Textiles. Methods for determination of certain aromatic amines derived from azo colorants. Detection of the use of certain azo colorants, which may release 4-aminoazobenzene	Textiles	2022.10.20
21	Phthalate	BS EN ISO 14389 2014-06	Textiles. Determination of the phthalate content. Tetrahydrofuran method	Textiles	2022.10.20
22	Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP)	BS EN ISO 17070 2015-02	Leather. Chemical tests. Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (Modification: <i>Applied for Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP) analysis</i>)	Leather	2022.10.20
23	Organotin	BS EN ISO 17353 2004-09 2006-03	Water quality. Determination of selected organotin compounds. Gas chromatographic method (Modifications: 1: <i>Applied only for textiles, leather, plastics</i> 2: <i>Extraction by ultrasonic extraction with ethanoic carbamate solution</i>)	Textiles, leather, plastic	2022.10.20
24	AZO dyes	BVL B 82.02-2 2017-12	Investigation of consumer goods - Methods for determination of certain aromatic amines derived from azo colorants in textiles - Part 1: Detection of the use of certain azo dyes with and without extraction of the fibre	Textile	2022.10.20
25	AZO dyes	BVL B 82.02-3 2021-04	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1:	Leather	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
			Determination of certain aromatic amines derived from azo colorants (<i>adoption of the homonymous DIN EN ISO 17234-1 standard, issue of December 2020</i>)		
26	Pentachlorophenol (PCP)	BVL B 82.02-8 2001-06	Investigation of commodity products - Detection and determination of Pentachlorophenol in commodity products especially those made of leather and textile (Reference method)	Leather, textile	2022.10.20
27	AZO dyes	BVL B 82.02-15 2017-12	Examination of consumer goods - Certain aromatic amines derived from azo dyes in textiles. - Part 3: Evidence of the use of certain azo dyes:4-aminoazobenzene can be released (<i>adoption of the homonymous Standard DIN EN ISO 14362-3, May 2017</i>)	Textile	2022.10.20
28	Polycyclic Aromatic Hydrocarbons (PAH)	AfPS GS 2019:01 PAK 2019-05	Testing and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the awarding of GS Marks (Here: <i>Only for the determination of PAHs</i>)	Textiles, leather, ink, plastic	2022.10.20
29	Phthalate	CPSC-CH- C1001-09.4 2018-01	Standard Operating Procedure for Determination of Phthalates	Children's toys and child care articles	2022.10.20
30	Total residual styrene monomer content	FDA 21 CFR 177.1640 2011-04	Polystyrene and rubber-modified polystyrene (Modification: <i>Here for the determination of residual styrene monomer</i>)	Polystyrene	2022.10.20
31	Volatile Organic Compound (VOC)	EPA 5021A 2014-07	Volatile organic compounds in various sample matrices using equilibrium headspace analysis (Modification: <i>Applied for metal, liquid, textiles, leather, ink, plastic, paper</i>)	Metal, liquid, textiles, leather, ink, plastic, paper	2022.10.20
32	Polychlorinated biphenyls (PCBs)	EPA 8082A 2007-02	Polychlorinated biphenyls (PCBs) by gas chromatography (Modification: <i>Applied for PCBs analysis in metal, liquid, textiles, leather, ink, plastic, paper</i>)	Metal, liquid, textiles, leather, ink, plastic, paper	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
33	polyaromatic hydrocarbons (PAHs)	EPA 8270E 2018-06	Semivolatile organic compounds by gas chromatography/mass spectrometry (Modification: <i>Applied for polyaromatic hydrocarbons (PAHs) analysis in metal, liquid, textiles, leather, ink, plastic, paper</i>)	Metal, liquid, textiles, leather, ink, plastic, paper	2022.10.20
34	ortho-Phenyl phenol (OPP)	GZTC CHEM-TOP-055-01 2018-03	Determination of the content of extractable phenol and its salts and esters in sample by GC-MS	Textile	2022.10.20
35	Tetrabromobisphenol A (TBBPA)	GZTC CHEM-TOP-065 2021-08 2021-12	Determination of Tetrabromobisphenol A (TBBPA) by GC-MS and HPLC-MSMS in solids and liquids <i>textile, leather, plastic, liquid, powder samples</i>	solids and liquids <i>Textile, leather, plastic, liquid, powder samples</i>	2022.10.20
36	Dimethyl fumarate (DMF)	GZTC CHEM-TOP-095 2018-04	Determination of Dimethyl fumarate (DMF) in leather, textile, paper and desiccant by GC-MS	Leather, textile, paper, desiccant	2022.10.20
37	Substances of Very High Concern (SVHC)	SGS-CCL-TOP-092-02 2021-07 2022-12	Determination of Substances of Very High Concern (SVHC) in Finished Products and Raw Materials - Organic Substance Part	Textile, leather, rubber, plastic, food contact material, automotive parts	2023.04.25
38	TSCA	SGS-CCL-TOP-149-07 2021-04	Test of prohibited substance content TSCA	Textile, leather, rubber, plastic, food contact material, automotive parts	2022.10.20

1.3 Determination of organic hazardous substances in textiles, leather and plastic using gas chromatography with conventional detectors (ECD-, FID-Detector) *

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP)	ISO 17070 2015-02	Leather - Chemical tests - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (Modification: <i>Applied for Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP) analysis</i>)	Leather	2022.10.20
2	Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP)	DIN EN ISO 17070 2015-05	Leather - Chemical tests - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (ISO 17070:2015) (Modification: <i>Applied for Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP) analysis</i>)	Leather	2022.10.20
3	Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP)	BS EN ISO 17070 2015-02	Leather. Chemical tests. Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content (Modification: <i>Applied for Trichlorophenol (TCP), Tetrachlorophenol (TECP), Pentachlorophenol (PCP) analysis</i>)	Leather	2022.10.20
4	Pentachlorophenol (PCP)	BVL B 82.02-8 2001-06	Investigation of commodity products - Detection and determination of Pentachlorophenol in commodity products especially those made of leather and textile (Reference method)	Leather, textile	2022.10.20
5	Polychlorinated Biphenyls (PCB)	EPA 8082A 2007-02	Polychlorinated biphenyls (PCBs) by gas chromatography (Modification: <i>Applied for PCBs analysis in textiles, plastic</i>)	Textiles, plastic	2022.10.20

1.4 Determination of organic hazardous substances in textiles, leather, rubber, plastic, metal, toy, fashion jewellery, food contact material using high performance liquid chromatography mass spectrometer detector (LC-MS/LC-MS-MS) **

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	AZO dyes	ISO 14362-1 2017-02	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	Textiles	2022.10.20
2	AZO dyes	ISO 14362-3 2017-02	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	Textiles	2022.10.20
3	AZO dyes	EN ISO 14362-1 2017-02	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 fibers (ISO 14362-1:2017)	Textiles	2022.10.20
4	AZO dyes	EN ISO 14362-3 2017-02	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)	Textiles	2022.10.20
5	Nitrosamine and Nitrosatable	EN 1400+A2 2018-09	Child use and care articles - Soothers for babies and young children - Safety requirements and test methods (Modification: <i>Here for the determination of Nitrosamines and Nnitrosatable substances</i>)	Child use and care articles	2022.10.20
6	Nitrosamine and Nitrosatable	EN 14350+A1 2020-06 2023-08	Childcare articles - Drinking equipment - Safety requirements and test methods (Modification: <i>Here for the determination of Nitrosamine and N-nitrosatable and volatile substances in toys</i>)	Childcare articles	2024.03.04
7	<i>Bisphenol A (BPA)</i>	EN 14372 2004-08	Child use and care articles - Cutlery and feeding utensils – Safety requirements and tests (Modification: <i>Here for the determination of Bisphenol A (BPA)</i>)	Child use and care articles	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
8	Carcinogenic dyestuffs, Allergenic disperse dyestuffs and Navy Blue colorants	DIN 54231 2005-11 2022-09	Textiles - Detection of disperse dyestuffs Determination of dyes after methanol extraction (Modification: Applied for Carcinogenic dyestuffs, Allergenic disperse dyestuffs and Navy Blue colorants)	Textiles	2023.08.25
9	AZO dyes	BS EN ISO 14362-1 2017-02	Textiles. Methods for determination of certain aromatic amines derived from azo colorants. Detection of the use of certain azo colorants accessible with and without extracting the fibers	Textiles	2022.10.20
10	AZO dyes	BS EN ISO 14362-3 2017-02	Textiles. Methods for determination of certain aromatic amines derived from azo colorants. Detection of the use of certain azo colorants, which may release 4-aminoazobenzene	Textiles	2022.10.20
11	Bisphenol A (BPA)	CEN/TS 13130-13 2005-02	Materials and articles in contact with foodstuffs - Plastics substances subject to limitation - Part 13: Determination of 2,2-bis (4-hydroxyphenyl) propane (Bisphenol A) in food stimulants	Plastic	2022.10.20
12	AZO dyes	BVL B 82.02-2 2017-12	Investigation of consumer goods - Methods for determination of certain aromatic amines derived from azo colorants in textiles - Part 1: Detection of the use of certain azo dyes with and without extraction of the fibre	Textiles	2022.10.20
13	nonylphenol and 4-n-nonylphenol	GZTC CHEM-TOP-063-05 2021-08	Determination of nonylphenol and 4-n-nonylphenol in the migration test of various food contact materials and products	Food contact materials and products	2022.10.20
14	Tetrabromobisphenol A (TBBPA)	GZTC CHEM-TOP-065 2021-08 2021-12	Determination of Tetrabromobisphenol A (TBBPA) by GC-MS and HPLC-MSMS in solids and liquids -textile, leather, plastic, liquid, powder samples	solids and liquids Textile, leather, plastic, liquid, powder samples	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
15	Substances of Very High Concern (SVHC)	SGS-CCL-TOP-092-02 2024-07 2022-12	Determination of Substances of Very High Concern (SVHC) in Finished Products and Raw Materials - Organic Substance Part	Textiles, leather, rubber, plastic, toy, fashion jewellery, food contact material	2023.04.25

1.5 Determination of organic hazardous substances in textiles and leather using high performance liquid chromatography with conventional detector (DAD-Detector) *

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Chromium (VI)	ISO 17075-2 2017-02	Leather - Chemical determination of chromium (VI) content in leather -Part 2: Chromatographic method (Limitation: <i>Annex B (HPLC-DAD- no Mass Spectrometer Detector)</i>)	Leather	2022.10.20
2	Formaldehyde	ISO 17226-1 2021-02	Leather - Chemical determination of formaldehyde content - Part 1: Method using high-performance liquid chromatography	Leather	2022.10.20
3	Chromium (VI)	DIN EN ISO 17075-2 2017-02 2017-05	Leather - Chemical determination of chromium (VI) content in leather - Part 2: Chromatographic method (ISO 17075-2:2017) (Limitation: <i>Annex B (HPLC-DAD- no Mass Spectrometer Detector)</i>)	Leather	2022.10.20
4	Chromium (VI)	BS EN ISO 17075-2 2017-02	Leather - Chemical determination of chromium (VI) content in leather -Part 2: Chromatographic method (ISO 17075-2:2017) (Limitation: <i>Annex B (HPLC-DAD- no Mass Spectrometer Detector)</i>)	Leather	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
5	AZO dyes	BVL B 82.02-3 2021-04	Leather - Chemical tests for the determination of certain azo colourants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colourants (Here: Adoption of the homonymous DIN EN ISO 17234-1 standard, issue of December 2020)	Leather	2022.10.20
6	AZO dyes	BVL B 82.02-15 2017-12	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	Textiles	2022.10.20

1.6 Determination of heavy metals in textiles, leather, rubber, plastic, metal, toys, fashion jewellery, food contact material using inductive-coupled plasma atomic emission spectrometry with conventional detector (ICP-OES) **

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Migration of certain elements	ISO 8124-3:2020+Amd 1 2020-03 2023-03	Safety of toys - Part 3: Migration of certain elements	Toys	2023.06.01
2	Total metal content	ISO 17072-2 2019-02 2022-08	Leather - Chemical determination of metal content - Part 2: Total metal content	Leather	2023.06.01
3	Migration of certain elements	EN 71-3 + A1 2021-04	Safety of toys - Part 3: Migration of certain elements	Toys	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
4	Nickel release	EN 1811+A1 2015-07 2023-03	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	Metal	2023.06.01
5	Nickel release	EN 12472 2020-09	Method for the simulation of accelerated wear and corrosion for the detection of nickel release from coated items	Metal	2022.10.20
6	Migration of certain elements	EN 14350+A1 2020-06 2023-08	Childcare articles - Drinking equipment - Safety requirements and test methods (Modification: <i>Here for the determination of Migration of certain elements</i>)	Childcare articles	2023.10.30
7	Migration of certain elements	EN 14372 2004-08	Child use and care articles - Cutlery and feeding utensils – Safety requirements and tests (Modification: <i>Here for the determination of Migration of certain elements</i>)	Child use and care articles	2022.10.20
8	Migration of certain elements	DIN EN 71-3 2019-08 2021-06	Safety of toys - Part 3: Migration of certain elements	Toys	2022.10.20
9	Nickel release	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	Metal	2022.10.20
10	Migration of certain elements	BS EN 71-3: 2019+A1 2019-04 2021-04	Safety of Toys. Migration of Certain Elements	Toys	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
11	Nickel release	BS EN 1811:2011+A1:2015 2015-08	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	Metal	2022.10.20
12	Migration of lead and cadmium	Commission Directive 2005/31/EC 2005-04	Amending Council Directive 84/500/EEC as regards a declaration of compliance and performance criteria of the analytical method for ceramic articles intended to come into contact with foodstuffs (Here: <i>ANNEX I Methods of analysis for determination of the migration of lead and cadmium</i>)	Ceramic articles	2022.10.20
13	Total Heavy Metal (Pb)	Health Canada, Product Safety Bureau, Test method C-02.2 2017-07 2022-06	Determination of Total Lead in Surface Coating Materials in Consumer Products by Flame Atomic Absorption Spectrometer (Modification: <i>Use of ICP-OES instead of AAS</i>)	Textiles, leather, rubber, plastic, toys	2023.02.20
14	Leachable heavy metal	Health Canada, Product Safety Bureau, Test method C-03 2018-08 2022-01	Determination of Leachable Arsenic (As), Selenium (Se), Cadmium (Cd), Antimony (Sb), and Barium (Ba) in Applied Coatings (Modification: <i>Use of ICP-OES instead of ICP-MS</i>)	Applied Coating	2022.10.20
15	Heavy metal (Pb)	ASTM F963 2017-05 2023-08	Standard Consumer Safety Specification for Toy Safety - Clause 4.3.5 (Modification: <i>Applied for soluble heavy metal and total lead content in paint and surface coating</i>)	Toy product	2024.01.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
16	Leachable heavy metal	Italian D.M. 21/03/1973 and its amendments 1973-3-21	Hygienic regulation of packaging, containers, tools intended to come into contact with food substances or substances for personal use (Modification: <i>Here for the determination of Leachable heavy metal</i>)	Food contact material	2022.10.20
17	Total Heavy Metal (Pb)	CPSC-CH-E1001-08.3 2012-11	Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry) (Here: <i>Including child metal jewelry</i>)	Children's metal products & children's metal jewelry	2022.10.20
18	Total Heavy Metal (Pb)	CPSC-CH-E1002-08.3 2012-11	Standard Operating Procedure for Determining Total Lead (Pb) in Nonmetal Children's Products	Nonmetal children's products	2022.10.20
19	Heavy Metal (Pb)	CPSC-CH-E1003-09.1 2011-02	Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings	Paint and other similar surface coatings	2022.10.20
20	SVHC-Inorganic	SGS-CCL-TOP-092-01 2021-04 2023-10	Determination of SVHC in finished products and raw materials by ICP-OES -Inorganic parts	Textiles, leather, rubber, plastic, metal, toys, fashion jewellery, food contact material	2023.10.30
21	Chemical composition	GZTC CHEM-TOP-044-28 2021-08 2023-10	Composition analysis of stainless steel in contact with food by ICP-OES	Stainless steel	2023.10.30

1.7 Determination of heavy metals in textiles, leather, rubber, plastic, food contact material using atomic absorption spectrometry (AAS) *

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Cadmium	EN 1122	Plastics - Determination of cadmium - Wet	Plastic	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
		2001-03	decomposition method (Here: <i>Method B</i>)		
2	Leachable heavy metal (Pb, Cd)	EN 1388-1 1995-10	Silicate surfaces Part 1: Determination of the release of lead and cadmium from ceramic ware	Ceramic articles, ceramic ware, food contacted material	2022.10.20
3	Leachable heavy metal (Pb, Cd)	EN 1388-2 1995-10	Silicate surfaces Part 2: Determination of the release of lead and cadmium from silicate surfaces other than ceramic ware	Glassware, enamel, glass, food contacted material	2022.10.20
4	Cadmium	DIN EN 1122 2002-02	Plastics - Determination of cadmium - Wet decomposition method Wet decomposition method (Here: <i>Method B</i>)	Plastic	2022.10.20
5	Cadmium	BS EN 1122 2001-05	Plastics - Determination of cadmium - Wet decomposition method Wet decomposition method (Here: <i>Method B</i>)	Plastic	2022.10.20
6	Leachable heavy metal	BS 6748+A1 2011-10	Limits of metal release from ceramic ware, glassware, glass ceramic ware and vitreous enamel ware A1 - Specification for limits of metal release from ceramic ware, glassware, glass ceramic ware and vitreous enamel ware	Ceramic ware, glassware, glass ceramic ware and vitreous enamel ware	2022.10.20
7	Leachable heavy metal (Pb, Cd)	ASTM C927-80 2019-02	Standard Test Method for Lead and Cadmium Extracted from the Lip and Rim Area of Glass Tumblers Externally Decorated with Ceramic Glass Enamels	Ceramic articles, ceramic ware, glassware, enamel, glass, food contacted material	2022.10.20
8	Pb	NIOSH 9100 1994-08 1996-05	Lead in Surface Wipe Samples (Here: [<i>Applied for Bags, plastic, sealable (e.g., with attached wire, tape or "zip"-type seal)</i>])	Bags, plastic, sealable	2022.10.20
9	Leachable heavy metal	Italian D.M. 21/03/1973 and its amendments 1973-3-21	Hygienic regulation of packaging, containers, tools intended to come into contact with food substances or substances for personal use (Modification: <i>Here for the determination of Leachable heavy metal</i>)	Food contact material	2022.10.20

1.8 Determination of heavy metals in textiles, leather, rubber, plastic, metal, toys using inductively-couple plasma mass spectrometry **

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Extractable metals	ISO 17072-1 2019-02	Leather - Chemical determination of metal content - Part 1: Extractable metals	Leather	2022.10.20
2	Migration of certain elements	EN 71-3 + A1 2021-04	Safety of toys - Part 3: Migration of certain elements EN 14602	Toys	2022.10.20
3	Total heavy metals	EN 14602 2012-08	Footwear - Test methods for the assessment of ecological criteria (Here: 4.1 - Determination of total heavy metals content)	Footwear	2022.10.20
4	Migration of certain elements	DIN EN 71-3 2019-08 2021-06	Safety of toys - Part 3: Migration of certain elements	Toys	2022.10.20
5	Total heavy metals	DIN EN 14602 2012-10	Footwear - Test methods for the assessment of ecological criteria (Here: 4.1 - Determination of total heavy metals content)	Footwear	2022.10.20
6	Migration of certain elements	BS EN 71-3: 2019+A1 2019-04 2021-04	Safety Of Toys. Migration Of Certain Elements	Toys	2022.10.20
7	Total heavy metals	BS EN 14602 2012-08	Footwear - Test methods for the assessment of ecological criteria (Here: 4.1 - Determination of total heavy metals content)	Footwear	2022.10.20
8	Pb	NIOSH 9100 1994-08 1996-05	Lead in Surface Wipe Samples (Here: [Applied for Bags, plastic, sealable (e.g., with attached wire, tape or "zip"-type seal)])	Bags, plastic, sealable	2022.10.20
9	Leachable heavy metal	Italian D.M. 21/03/1973 and its amendments 1973-3-21	Hygienic regulation of packaging, containers, tools intended to come into contact with food substances or substances for personal use (Modification: Here for the determination of Leachable heavy metal)	Food contact material	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
10	Extractable heavy metal	GZTC-CHEM SGS-CCL-TOP-043-01 2018-04 2023-10	Determination of extractable heavy metal in textile (with reference ISO 105 E04:2013 for preparation of perspiration solution) by ICP-MS	Textile	2023.10.30
11	Migration of heavy metal	GZTC-CHEM SGS-CCL-TOP-044-02 2021-08 2023-10	Determination of heavy metals in metals and alloys in contact with food by ICP-MS	Metal and alloy in contact with food	2023.10.30

1.9 Determination of heavy metals in coating using hg analyzer

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Total Mercury	Health Canada, Product Safety Bureau, Test method C-07 2019-10	Determination of Total Mercury in Surface Coating Materials, Applied Coatings and Cosmetic Samples by Direct Mercury Analyzer Wide Range (DMA 80 WR)	Coatings and Cosmetic samples	2022.10.20

1.10 Determination of chemical substance in textile, leather, rubber, plastic, metal, toys, food contact material using UV-VIS spectrophotometer *

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Chromium VI	ISO 3613 2010-12 2021-05	Metallic and other inorganic coatings - Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc-aluminium alloys - Test methods	Metallic and other inorganic coatings	2022.10.20
2	Extractable formaldehyde	ISO 4614 1977-07	Plastics - Melamine-formaldehyde mouldings - Determination of extractable formaldehyde	Plastic	2022.10.20
3	Formaldehyde	ISO 14184-1 2011-08	Textiles - Determination of formaldehyde - Part 1: Free and hydrolyzed formaldehyde (water extraction)	Textile	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
			method)		
4	Released formaldehyde	ISO 14184-2 2011-08	Textiles - Determination of formaldehyde - Part 2: Released formaldehyde (vapour absorption method)	Textile	2022.10.20
5	Chromium (VI)	ISO 17075-1 2017-02	Leather - Chemical determination of chromium (VI) content in leather - Part 1: Colorimetric method	Leather	2022.10.20
6	Formaldehyde	ISO 17226-2 2018-12	Leather - Chemical determination of formaldehyde content - Part 2: Method using colorimetric analysis	Leather	2022.10.20
7	Chromium (VI)	EN ISO 3613 2010-12 2021-05	Metallic and other inorganic coatings - Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc-aluminium alloys -Test methods (ISO 3613: 2010 -2021)	Metallic and other inorganic coatings	2022.10.20
8	Formaldehyde	EN ISO 14184-1 2011-08	Textiles - Determination of formaldehyde - Part 1: Free and hydrolyzed formaldehyde [water extraction method] (ISO 14184-1:2011)	Textile	2022.10.20
9	Released formaldehyde	EN ISO 14184-2 2011-08	Textiles - Determination of formaldehyde - Part 2: Released formaldehyde [vapour absorption method] (ISO 14184-2:2011)	Textile	2022.10.20
10	Formaldehyde	EN 1541 2001-06	Paper and board intended to come into contact with foodstuffs - Determination of formaldehyde in an aqueous extract	Paper, Board	2022.10.20
11	Formaldehyde	DIN EN ISO 14184-1 2011-12	Textiles - Determination of formaldehyde - Part 1: Free and hydrolyzed formaldehyde [water extraction method] (ISO 14184-1:2011)	Textile	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
12	Released formaldehyde	DIN EN ISO 14184-2 2011-12	Textiles - Determination of formaldehyde - Part 2: Released formaldehyde (vapour absorption method) (ISO 14184-2:2011)	Textile	2022.10.20
13	Chromium (VI)	DIN EN ISO 17075-1 2017-02 05	Leather - Chemical determination of chromium (VI) content in leather - Part 1: Colorimetric method (ISO 17075-1:2017)	Leather	2022.10.20
14	Chromium (VI)	BS EN ISO 3613 2011-1-2021-06	Metallic and other inorganic coatings - Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc-aluminium alloys - Test methods	Metallic and other inorganic coatings	2022.10.20
15	Formaldehyde	BS EN ISO 14184-1 2011-08	Textiles - Determination of formaldehyde - Part 1: Free and hydrolyzed formaldehyde (water extraction method)	Textile	2022.10.20
16	Released formaldehyde	BS EN ISO 14184-2 2011-08	Textiles - Determination of formaldehyde - Part 2: Released formaldehyde (vapour absorption method)	Textile	2022.10.20
17	Chromium (VI)	BS EN ISO 17075-1 2017-02	Leather - Chemical determination of chromium (VI) content in leather - Part 1: Colorimetric method (ISO 17075-1:2017)	Leather	2022.10.20
18	Formaldehyde	CEN/TS 13130-23 2005-02	Materials and articles in contact with foodstuffs - Plastics substances subject to limitation - Part 23: Determination of formaldehyde and hexamethylenetetramine in food stimulants	Plastic	2022.10.20
19	Primary Amines	BVL L 00.00-6 2002-12	Evaluation of primary amines in aqueous foodstuffs	Food contact materials	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
20	Chromium VI	EPA 3060A 1996-12	Alkaline digestion for hexavalent chromium (Modification: <i>Applied for metal, liquid, textiles, leather, ink, plastic, paper</i>)	Metal, liquid, textiles, leather, ink, plastic, paper	2022.10.20
21	Chromium VI	EPA 7196A 1992-07	Chromium, hexavalent (colorimetric) (Modification: <i>Applied for metal, liquid, textiles, leather, ink, plastic, paper</i>)	Metal, liquid, textiles, leather, ink, plastic, paper	2022.10.20
22	Formaldehyde	AATCC TM-112 2020-07	Test method for formaldehyde release from fabric: Sealed jar	Fabric	2022.10.20
23	Formaldehyde	Japanese Law No. 112 1973-10	Law for the Control of Household Products Containing Harmful Substances (Determination of formaldehyde in textile, leather sample)	Textile, leather	2022.10.20
24	Formaldehyde	JIS L1041 2011-07	Japan Industrial Standards - Test Methods for Resin Finished Textile (Modification: <i>Applied only for formaldehyde</i>)	Textile	2022.10.20

1.11 Determination of halogen and sulfur in textiles, leather, rubber, plastic, coating using Ion chromatography

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Halogen	EN 14582 2016-08	Characterization of waste - Halogen and sulfur content – Oxygen combustion in closed systems and determination methods (Modification: <i>Applied for textiles, leather, rubber, plastic, coating</i>)	Textiles, leather, rubber, plastic, coating	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
2	Halogen	BS EN 14582 2016-08	Characterization of waste - Halogen and sulfur content – Oxygen combustion in closed systems and determination methods (Modification: <i>Applied for textiles, leather, rubber, plastic, coating</i>)	Textiles, leather, rubber, plastic, coating	2022.10.20

1.12 Determination of PVC qualitative in textiles, leather, coating, plastic using infrared spectra **

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	PVC qualitative	ASTM E1252-98 (Reapproved 2021) 2013-01 2021-04	Standard Practice for General Techniques for Obtaining Infrared Spectra for Qualitative Analysis (<i>Applied for PVC qualitative analysis in textiles, leather, coating, plastic</i>)	Textiles, leather, coating, plastic	2022.10.20
2	PVC qualitative	SGS-CCL-TOP-066-01 2017-03 2022-04	Detection of Polyvinyl Chloride (PVC) in textiles, leather, coating, plastic using infrared spectra Detection of Certain Textures in Materials Using FT-IR	Textiles, leather, coating, plastic	2022.10.20

1.13 Determination of overall migration in food contact material using gravimetric analysis *

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Overall Migration	EN 1186-1 2002-04	Materials and articles in contact with foodstuffs - Plastics - Part 1: Guide to the selection of conditions and test methods for overall migration	Plastics	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
2	Overall Migration	EN 1186-2 2002-04 2022-07	Materials and articles in contact with foodstuffs - Plastics - Part 2: Test methods for overall migration into olive oil by total immersion in vegetable oils	Plastics	2023.02.07
3	Overall Migration	EN 1186-3 2002-04 2022-08	Materials and articles in contact with foodstuffs - Plastics - Part 3: Test methods for overall migration into aqueous food simulants by total immersion in evaporable simulants	Plastics	2023.02.07
4	Overall Migration	EN 1186-9 2002-04	Materials and articles in contact with foodstuffs - Plastics - Part 9: Test methods for overall migration into aqueous food simulants by article filling	Plastics	2023.02.07
5	Overall Migration	EN 1186-14 2002-09	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	Plastics	2023.02.07
6	Overall Migration	FDA 21 CFR 175.300 2011-04	Resinous and polymeric coatings (Modification: <i>Here for the determination of Overall Migration; Applied for resinous and polymeric coatings used as the food-contact articles</i>)	Resinous and polymeric coatings used as the food- contact articles	2022.10.20
7	Overall Migration	FDA 21 CFR 176.170 2011-04	Components of paper and paperboard in contact with aqueous and fatty foods (Modification: <i>Here for the determination of Overall Migration</i>)	Paper and paperboard	2022.10.20
8	Overall Migration	FDA 21 CFR 177.1210 2011-04	Closures with sealing gaskets for food containers (Modification: <i>Here for the determination of Overall Migration</i>)	Closures with sealing gaskets for food containers	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
9	Overall Migration	FDA 21 CFR 177.1350 2011-04	Ethylene-vinyl acetate copolymers (Modification: <i>Here for the determination of Overall Migration; Applied for ethylene-vinyl acetate copolymers used as the food contact articles</i>)	Ethylene-vinyl acetate copolymers	2022.10.20
10	Overall Migration	FDA 21 CFR 177.1500 2011-04	Nylon resins (Modification: <i>Here for the determination of Overall Migration; Applied for nylon resins used as the food-contact articles</i>)	Nylon resins	2022.10.20
11	Overall Migration	FDA 21 CFR 177.1520 2011-04	Olefin polymer (Modification: <i>Here for the determination of Overall Migration; Applied for olefin polymer used as the food-contact articles</i>)	Olefin polymer	2022.10.20
12	Overall Migration	FDA 21 CFR 177.1580 2011-04	Polycarbonate resins (Modification: <i>Here for the determination of Overall Migration; Applied for polycarbonate resins used as the food-contact articles</i>)	Polycarbonate resins	2022.10.20
13	Overall Migration	FDA 21 CFR 177.1630 2011-04	Polyethylene phthalate polymers (Modification: <i>Here for the determination of Overall Migration; Applied for polyethylene phthalate polymers used as the food-contact articles</i>)	Polyethylene phthalate polymers	2022.10.20
14	Overall Migration	FDA 21 CFR 177.2355 2011-04	Mineral reinforced nylon resins (Modification: <i>Here for the determination of Overall Migration; Applied for mineral reinforced nylon resins used as the food-contact articles</i>)	Mineral reinforced nylon resins	2022.10.20
15	Overall Migration	FDA 21 CFR 177.2600 2011-04	Rubber articles intended for repeated use (Modification: <i>Here for the determination of Overall Migration; Applied for rubber articles used as the food-contact articles</i>)	Rubber articles	2022.10.20

1.14 Physico-chemical testing in textiles, leather, rubber, plastic, toy, food contact material

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	pH	ISO 3071 2020-01	Textile - Determination of pH of aqueous extract	Textile	2022.10.20
2	pH	ISO 4045 2018-05	Leather-Chemical tests -Determination of pH and difference figure	Leather	2022.10.20
3	pH	EN ISO 3071 2020-01	Textile - Determination of pH of aqueous extract (ISO 3071:2020)	Textile	2022.10.20
4	Volatile Compounds	EN 14350+A1 2020-06 2023-08	Childcare articles - Drinking equipment - Safety requirements and test methods (Modification: <i>Here for the determination of Volatile Compounds</i>)	Childcare articles	2023.10.30
5	Volatile Compounds	EN 14372 2004-08	Child use and care articles - Cutlery and feeding utensils – Safety requirements and tests (Modification: <i>Here for the determination of Volatile Compounds</i>)	Child use and care articles	2022.10.20
6	pH	DIN EN ISO 3071 2020-05	Textile - Determination of pH of aqueous extract (ISO 3071:2020)	Textile	2022.10.20
7	pH	BS EN ISO 3071 2020-01	Textile - Determination of pH of aqueous extract	Textile	2022.10.20
8	Gravity	ASTM D792 2020-07	Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement (Modification: <i>Here for the determination of Overall Migration; Applied for solid plastics in forms such as sheets, rods, tubes, or molded items</i>)	Plastic	2022.10.20
9	pH	AATCC TM81 2016-04 2022-01	Test Method for pH of the Water-Extract from Wet Processed Textiles	Textiles	2023.03.23

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
10	Overall Migration	FDA 21 CFR 177.1500 2011-04	Nylon resins (Modification: <i>Here for the determination of Gravity, Solubility; Applied for nylon resins used as the food-contact articles</i>)	Nylon resins	2022.10.20
11	Overall Migration	FDA 21 CFR 177.2355 2011-04	Mineral reinforced nylon resins (Modification: <i>Here for the determination of Ashes; Applied for mineral reinforced nylon resins used as the food-contact articles</i>)	Mineral reinforced nylon resins	2022.10.20
12	Colour Release	Kunststoffe im Lebensmittelverkehr Part B IIIX	Colour Release (Modification: <i>Applied for plastic used as the food-contact articles</i>)	Plastic	2022.10.20
13	Volatile Organic Matter	Bundesgesundheitsbl 14 (1971) 265	Volatile Organic Matter of plastics (Modification: <i>Applied for plastic used as the food-contact articles</i>)	Plastic	2022.10.20
14	Volatile Organic Matter	Bundesgesundheitsbl 46 (2003) 362	Volatile Organic Matter of silicone rubber (Modification: <i>Applied for silicone rubber used as the food-contact articles</i>)	Silicone rubber	2022.10.20
15	Volatile Organic Matter	French Arrêté du 25 1992 Annex III	Volatile Organic Matter of silicone rubber (Modification: <i>Applied for silicone rubber used as the food-contact articles</i>)	Silicone rubber	2022.10.20

2 Chemical and physical-chemical testing of electrical and electronic equipment products

2.1 Sample preparation of electrical and electronic equipment products

No. 序号	Test Items/ Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Heavy Metal (Lead and Cadmium)	EPA 3050B 1996-12	Acid digestion of sediments, sludges, and soils (Modifications: 1: Applied for lead and cadmium analysis in metal 2: Digestion procedures changed)	Metal	2022.10.20
2	Heavy Metal	EPA 3052 1996-12	Microwave assisted acid digestion of siliceous and organically based matrices	Electronic products	2022.10.20
3	Hexabromocyclododecane (HBCDD), Tetrabromobisphenol A (TBBPA)	EPA 3550C 2007-02	Ultrasonic Extraction (Modification: Applied for Hexabromocyclododecane (HBCDD), Tetrabromobisphenol A (TBBPA) analysis)	Electronic products	2022.10.20

2.2 Determination of organic hazardous substances in electrical and electronic equipment products using gas chromatography with mass selective detector (GC-MS/GC-MS-MS) **

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Polybrominated Biphenyl (PBB), Polybrominated Diphenyl Ether (PBDE)	IEC 62321-6 2015-06	Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography - mass spectrometry (GC-MS)	Electronic products	2022.10.20
2	Volatile Organic Compounds (VOC)	EPA 5021A 2014-07	Volatile organic compounds in various sample matrices using equilibrium headspace analysis	Textiles, leather, ink, plastic, adhesive	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
3	Polychlorinated Biphenyls (PCBs)	EPA 8082A 2007-02	Polychlorinated biphenyls (PCBs) by gas chromatography (Modification: <i>Applied for PCBs analysis</i>)	Textiles, plastic	2022.10.20
4	Polycyclic Aromatic Hydrocarbons (PAHs)	EPA 8270E 2018-06	Semivolatile organic compounds by gas chromatographyl mass spectrometry (GC/MS) (Modification: <i>Applied for Polyaromatic hydrocarbons (PAHs) analysis</i>)	Textiles, leather, ink, plastic, electronic products	2022.10.20
5	ortho-Phenyl phenol (OPP)	GZTC CHEM-TOP-055-01 2018-03	Determination of the content of extractable phenol and its salts and esters in sample by GC-MS	Electronic products	2022.10.20
6	Tetrabromobisphenol A (TBBPA)	GZTC CHEM-TOP-065 2021-08 2021-12	Determination of Tetrabromobisphenol A (TBBPA) by GC-MS and HPLC-MSMS in solids and liquids textile, leather, plastic, liquid, powder samples	Textile, leather, plastic, liquid, powder samples	2022.10.20
7	Substances of Very High Concern (SVHC)	SGS-CCL-TOP-092-02 2021-07 2022-12	Determination of Substances of Very High Concern (SVHC) in Finished Products and Raw Materials - Organic Substance Part	Electronic products	2023.04.25
8	TSCA	SGS-CCL-TOP-149-07 2021-04	Test of prohibited substance content TSCA	Electronic products	2022.10.20

2.3 Determination of organic hazardous substances in electrical and electronic equipment products using gas chromatography with conventional detectors (ECD-, FID-Detector)

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	PCBs	EPA 8082A 2007-02	POLYCHLORINATED BIPHENYLS (PCBs) BY GAS CHROMATOGRAPHY (Modification: <i>Applied for PCBs analysis</i>)	Electronic products	2022.10.20

2.4 Determination of organic hazardous substances in electrical and electronic equipment products using high performance liquid

chromatography mass spectrometer detector (LC-MS/LC-MS-MS) **

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Substances of Very High Concern (SVHC)	SGS-CCL-TOP-092-02 2021-07 2022-12	Determination of Substances of Very High Concern (SVHC) in Finished Products and Raw Materials - Organic Substance Part	Electronic products	2023.04.25
2	Tetrabromobisphenol A (TBBPA)	GZTC CHEM-TOP-065 2021-08 2021-12	Determination of Tetrabromobisphenol A (TBBPA) by GC-MS and HPLC-MSMS in solids and liquids textile, leather, plastic, liquid, powder samples	Textile, leather, plastic, liquid, powder samples	2022.10.20

2.5 Determination of heavy metals in electrical and electronic equipment products using inductive-coupled plasma atomic emission spectrometry with conventional detector (ICP-OES) **

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Heavy metal(Hg)	IEC 62321-4+AMD1 2017-07	Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS	Electronic products	2022.10.20
2	Heavy metal(Cd, Pb, Cr)	IEC 62321-5 2013-06	Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS	Electronic products	2022.10.20
3	Substances of Very High Concern (SVHC)	SGS-CCL-TOP-092-01 2021-04 2023-10	Determination of SVHC in finished products and raw materials - Inorganic parts	Electronic products	2023.10.30

2.6 Determination of heavy metals in electrical and electronic equipment products using atomic absorption spectrometry (AAS) *

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Heavy metal(Hg)	IEC 62321-4+AMD1 2017-07	Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS	Electronic products	2022.10.20
2	Heavy metal(Cd, Pb, Cr)	IEC 62321-5 2013-06	Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS	Electronic products	2022.10.20

2.7 Determination of heavy metals in electrical and electronic equipment products using inductively-couple plasma mass spectrometry

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Heavy metal(Hg)	IEC 62321-4+AMD1 2017-07	Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS	Electronic products	2022.10.20

2.8 Determination of chemical substance in electrical and electronic equipment products using UV-VIS spectrophotometer *

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Chromium (VI)	IEC 62321-7-1 2015-09	Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method (Here: <i>Metallic and other inorganic coatings - Chromate conversion</i>)	Metallic and other inorganic coatings	2022.10.20
2	Chromium (VI)	IEC 62321-7-2	Determination of certain substances in	Electronic products	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
		2017-03	electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method		
3	Chromium (VI)	EPA 3060A 1996-12	ALKALINE DIGESTION FOR HEXAVALENT CHROMIUM	Textiles, plastic, electronic products	2022.10.20
4	Chromium (VI)	EPA 7196A 1992-07	CHROMIUM, HEXAVALENT (COLORMITRIC)	Textiles, plastic, electronic products	2022.10.20

2.9 Determination of heavy metals and bromine in electrical and electronic equipment products using X-ray fluorescence spectrometry

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Lead, mercury, cadmium, total chromium and total bromine	IEC 62321-3-1 2013-06	Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry	Electronic products	2022.10.20

2.10 Determination of PVC in electrical and electronic equipment products qualitative using infrared spectra **

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	PVC qualitative	ASTM E1252-98 (Reapproved 2021) 2013-04 2021-04	Standard Practice for General Techniques for Obtaining Infrared Spectra for Qualitative Analysis (Modification: <i>Applied for PVC qualitative analysis</i>)	Plastic	2022.10.20

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
2	PVC qualitative	SGS-CCL-TOP-066-01 2017-03 2022-04	Detection of Polyvinyl Chloride (PVC) in electrical and electronic equipment products using infrared spectra Detection of Certain Textures in Materials Using FT-IR (Applied for PVC qualitative analysis)	Plastic	2022.10.20

3 Emission testing of commodities and specific consumer products

3.1 Determination of organic hazardous substances in materials used for automotive parts using gas chromatography with mass selective detectors (GC-MS/GC-MS-MS)

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Organic Substances	VDA 276 2005-12	Determination of Organic Substances as Emitted from Automotive Interior Products Using a 1 m ³ Test Chamber	Vehicle interior	2022.10.20
2	Organic Emission	VDA 277 1995-01	Determination of organic emission of non-metallic materials from vehicle interior	Vehicle interior	2022.10.20
3	Organic Emissions	VDA 278 2016-05	Thermal Desorption Analysis of Organic Emissions for the Characterization of Non-Metallic Materials for Automobiles	Vehicle interior	2022.10.20

3.2 Determination of organic hazardous substances in materials used for automotive parts using gas chromatography with conventional detectors (ECD-, FID-Detector)

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Organic Emission	VDA 277 1995-01	Determination of Organic Emission of Non-metallic materials from vehicle Interior	Vehicle interior	2022.10.20

3.3 Determination of organic hazardous substances in materials used for automotive parts using high performance liquid chromatography mass

spectrometer detector (LC-MS/LCMS-MS)

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Organic Substances	VDA 276 2005-12	Determination of Organic Substances as Emitted from Automotive Interior Products Using a 1 m ³ Test Chamber	Vehicle interior	2022.10.20

3.4 Determination of organic hazardous substances in materials used for automotive parts using high performance liquid chromatography with conventional detector (DAD Detector)

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Organic Emissions	VDA 278 2016-05	Thermal Desorption Analysis of Organic Emissions for the Characterization of Non-Metallic Materials for Automobiles	Vehicle interior	2022.10.20

3.5 Determination of formaldehyde in materials used for automotive parts using UV-VIS spectrophotometer *

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Formaldehyde	VDA 275 1994-07	Determination of Formaldehyde from Vehicle Interior with Modified Flask method	Vehicle interior	2022.10.20
2	Formaldehyde	VW PV 3925 2009-06 2021-01	Measuring Emissions of Formaldehyde	Vehicle interior	2022.10.20 2023.10.30

4 Chemical and physical-chemical testing of chemical products
4.1 Determination of organic hazardous substances in chemical products using gas chromatography with mass selective detectors (GC-MS/GC-MS-MS)

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Substances of Very High Concern (SVHC)	SGS-CCL-TOP-092-02 2021-07 2022-12	Determination of Substances of Very High Concern (SVHC) in Finished Products and Raw Materials – Organic Substance Part	Finished products and raw materials	2023.04.25

4.2 Determination of organic hazardous substances in chemical products using high performance liquid chromatography mass spectrometer detector (LC-MS/LC-MS-MS)

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Substances of Very High Concern (SVHC)	SGS-CCL-TOP-092-02 2021-07 2022-12	Determination of Substances of Very High Concern (SVHC) in Finished Products and Raw Materials – Organic Substance Part	Finished products and raw materials	2023.04.25

4.3 Determination of heavy metals in chemical products using inductive-coupled plasma atomic emission spectrometry with conventional detector (ICP-OES)

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Substances of Very High Concern (SVHC)	SGS-CCL-TOP-092-01 2021-04 2023-10	Determination of SVHC in finished products and raw materials – Inorganic parts	Finished products and raw materials	2023.10.30

4.4 Screening of chemical products using inductive-coupled plasma atomic emission spectrometry/gas chromatography with mass selective detectors/high performance liquid chromatography/liquid chromatography mass spectrometer detector

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	MRSL substances	GZTC CHEM-092-05 2021-04 2023-10	Chemical screening test method for MRSL substances in various chemical formulations with ICP-OES (Here: <i>Applied only for solvents, cleaners, adhesives, paints, Inks, dyes, pigments, auxiliaries and pre-treatment agents</i>)	Various chemical formulations	2023.10.30
2	MRSL substances	GZTC CHEM-092-06 2021-04	Chemical screening test method for MRSL substances in various chemical formulations with GC-MS, HPLC-DAD/MS (Here: <i>Applied only for solvents, cleaners, adhesives, paints, Inks, dyes, pigments, auxiliaries and pre-treatment agents</i>)	Various chemical formulations	2022.10.20

5 Testing of odour and flavor in food contact materials using simple descriptive tests

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Sensory test	EN 1230-2 2009-10-11	Paper and board intended to come into contact with foodstuffs – Sensory analysis – Part 2: Off-flavour (taint)	Paper and board	2022.10.20
2	Sensory test	DIN 10955 2004-06 2024-01	Sensory analysis – Testing of packaging materials and packages for foodstuffs Sensory analysis – Testing of food contact materials and articles (FCM)	Packaging materials and packages Food contact materials and articles	2024.02.28

6 Testing of odour and flavor in vehicle interior and automotive parts using simple descriptive tests

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Odour	VDA 270 2018-06 2022-05	Determination of the odour characteristics of trim material in motor vehicles	Vehicle interior	2022.10.20

7 Chemical and physical-chemical testing of food

7.1 Determination of pesticide residues of plant origin using gas chromatography mass spectrometer detector/liquid chromatography-tandem mass spectrometer detector

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Pesticide residues	EN 15662 2018-05	Foods of plant origin - Multimethod for the determination of pesticide residues using GC- and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE – Modular QuEChERS-method (Modification: <i>Applied only for food with:</i> 1. <i>High water content</i> 2. <i>High acid content and high-water content</i> 3. <i>Tea</i>)	Foods of plant origin	2022.10.20
2	Pesticide residues	BS EN 15662 2018-05	Foods of plant origin - Multimethod for the determination of pesticide residues using GC- and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE – Modular QuEChERS-method (Modification: <i>Applied only for food with:</i> 1. <i>High water content</i> 2. <i>High acid content and high-water content</i> 3. <i>Tea</i>)	Foods of plant origin	2022.10.20

7.2 Determination of fat compounds in foods using gas chromatography/gas chromatography with mass selective detectors

No. 序号	Test Items/Parameters 测试项目/参数	Test Method 测试方法	Standard name 标准名称	Matrix 基质	Update Date 更新时间
1	Fat	AOAC 996.06 2001	Fat (Total, Saturated, and Unsaturated) in Foods Hydrolytic Extraction Gas Chromatographic Method	Foods	2022.10.20

备注Remark:

1. 自DAkKS最近一次现场评审后，表格中任何新增部分用蓝字表示；任何删除部分用横杠表示。

It should use blue font to show the new contents and use whipltree to show deleted contents in the record after the DAkKS assessment last time.

2. 在标记为*/**的指定测试领域内，实验室被允许可在不通知DAkKS并获得DAkKS事先批准的情况下做如下改动。

Within the given testing field marked with */**, the testing laboratory is permitted without being required to inform and obtain prior approval from DAkKS.

*类型 I: 在特定测试领域内自由选择标准化方法或等同/相似的方法。

*Category I: The free choice of standard methods or equivalent/similar methods within a defined testing field.

**类型 II: 在特定测试领域内，对测试方法进行修订、改良及拓展。

**Category II: The modification, refinement and development of test methods within a defined testing filed.

未标记: 应用具有不同发布日期标准/校准规则的标准化方法/标准化校准程序。

No mark: Application of standard test methods/standard calibration procedures with different issue dates of the standards/calibration rules.