Test Report

Report No.: AGC02372200604-001 Date:Jul.08, 2020 Page 1of 24

Applicant:	Favorite Logistics B.V.
Address:	Het Eek 1, 4004 LM, Tiel, The Netherlands
Test site:	6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

Report on the submitted samples said to be:

Sample Name	:	Coffee fiber lunchbox with black silicon strap, Coffe fiber travelmug with a black silicone band and lid, Coffee fiber mug with ear
Model	:	IK001, C0172-3, C0172-3
Item No.	:	9369, 9370, 9371
Country of origin	:	CHINA
Country of destination	:	EUROPE
Supplier	:	
Supplier Address	:	
Sample Receiving Date	:	Jun.30, 2020
Testing Period	:	Jun.30, 2020 to Jul.08, 2020
Test Requested	:	Please refer to next page(s).
Test Method	:	Please refer to next page(s).
Test Result	:	Please refer to next page(s).

Approved by:

Qinlianzhi, Reed/ Liangdan, Jessie Liang

Laboratory Supervisor / Technical Director

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Test Report

Test Requested:	**Conclusion**
1. As specified by client, to determine the Cadmium(Cd)content in the Submitted sample(s) with reference to entry 23, Annex XVII of the REACH Regulation (EC) No 1907/2006.	**Pass**
2.As specified by client, to determine the phthalates content in the submitted sample(s) with reference to entry 51 and its amendment (EU)2018/2005& entry 52, Annex XVII of the REACH Regulation (EC) No 1907/2006 and Amendment Regulation (EC) No 552/2009.	**Pass**
3.As specified by client, to determine the Polycyclic Aromatic Hydrocarbons (PAHs) content in the submitted sample(s) with reference to entry 50, Annex XVII of the REACH Regulation (EC) No 1907/2006.	**Pass**
4. As specified by client, to test sample with reference to German Food, Articles of Daily Use and Feed Code of September, 2005(LFGB), Section 30 & 31, Regulation 1935/2004/EC, Regulation (EU) No.10/2011 for:	
- Sensory analysis	**Pass**
5. As specified by client, to test sample with reference to German Food, Articles of Daily Use and Feed Code of September, 2005(LFGB), Section 30 & 31, Regulation 1935/2004/EC, Regulation (EU) No.10/2011, (EU)2016/1416&(EU)2017/752&(EU)2018/213 for:	
- Color Migration (3% (w/v) Acetic acid, 10% ethanol, 95% (v/v) Ethanol, Isooctane)	**Pass**
- Overall Migration (3% (w/v) Acetic acid, 10% ethanol, 95% (v/v) Ethanol, Isooctane)	**Pass**
- Total Lead and Cadmium content	**Pass**
- Specific Migration of Heavy metals	**Pass**
- Special Migration of Formaldehyde	**Pass**
-Specific Migration of Melamine	**Pass**
6. As specified by client, to test sample with reference to German Food, Articles of Daily Use and Feed Code of September, 2005(LFGB), Section 30, BfR recommendation XⅤ for:	
- Overall Migration (3% (w/v) Acetic acid, 10% ethanol)	**Pass**
7. As specified by client, to determine for mechanical dishwashing safe test.	/
8. As specified by client, to determined for microwave test.	/
9.As specified by client, refer to EU Regulation (EC) No 1907/2006 (REACH), to screen two hundred and nine (209) Substances of Very High Concern (SVHC) in the submitted sample. The list is the one that is published by European Chemicals Administration (ECHA) on June 25, 2020.	/

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Test Report

Test Results:

1.Test Result(s) of Cd:

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			1-1	1-2	1-3	1-4	
Cadmium (Cd)	IEC 62321-5:2013 ICP-OES	10	N.D.	N.D.	N.D.	N.D.	100
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Note: 1. MDL=Method Detection Limit
2. N.D.=Not Detected(less than method detection limit)
3.As specified by client, only test the designated sample

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2.Test Result(s) of phthalates content:

Unit: %,w/w

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			1-1	1-2	1-3	1-4	
Dibutyl phthalate (DBP)	EN 14372:2004 GC-MS	0.01	N.D.	N.D.	N.D.	N.D.	0.1
Butylbenzyl phthalate (BBP)		0.01	N.D.	N.D.	N.D.	N.D.	0.1
Di- (2-ethylhexyl) phthalate (DEHP)		0.01	N.D.	N.D.	N.D.	N.D.	0.1
Diisobutyl phthalate (DIBP)		0.01	N.D.	N.D.	N.D.	N.D.	0.1
Sum of DBP+BBP+DEHP+DIBP		—	N.D.	N.D.	N.D.	N.D.	0.1
Di-n-octyl phthalate (DNOP)		0.01	N.D.	N.D.	N.D.	N.D.	—
Di-isononyl phthalate (DINP)		0.01	N.D.	N.D.	N.D.	N.D.	
Di-isodecyl phthalate (DIDP)		0.01	N.D.	N.D.	N.D.	N.D.	
Sum of DNOP+DINP+DIDP		—	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

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3.As specified by client, only test the designated sample

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3.Test Result(s) of Polycyclic Aromatic Hydrocarbons (PAHs):

Unit: mg/kg

Test Item(s)	Test Method /Equipment	MDL	Result(s)				Limit
			1-1	1-2	1-3	1-4	
Benzo[a]pyrene (BaP)	AfPS GS 2019:01 PAK GC-MS	0.1	N.D.	N.D.	N.D.	N.D.	1
Benzo[e]pyrene(BeP)		0.1	N.D.	N.D.	N.D.	N.D.	1
Benzo[a]anthracene (BaA)		0.1	N.D.	N.D.	N.D.	N.D.	1
Benzo[b]fluoranthene (BbFA)		0.1	N.D.	N.D.	N.D.	N.D.	1
Benzo[j]fluoranthene(BjFA)		0.1	N.D.	N.D.	N.D.	N.D.	1
Benzo[k]fluoranthene (BkFA)		0.1	N.D.	N.D.	N.D.	N.D.	1
Chrysene (CHR)		0.1	N.D.	N.D.	N.D.	N.D.	1
Dibenzo[a,h]anthracene (DBAhA)		0.1	N.D.	N.D.	N.D.	N.D.	1
Sum of 8 PAHs		—	N.D.	N.D.	N.D.	N.D.	—
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	/

Note:
1. MDL=Method Detection Limit
2. N.D.=Not Detected(less than method detection limit)
3. "—"=Not regulated
4. As specified by client, only test the designated sample.

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German Food(LFGB)

4 Sensory analysis

Test method: with reference to DIN 10955:2004 for sensory analysis

Test Item(s)	Test Result(s)		Maximum Permissible Limit
	Coffee fiber lunchbox with black silicon strap		
	A	B	
Sensorial examination odour(point scale)	0	0	2.5
Sensorial examination taste(point scale)	0	0	2.5

Test Item(s)	Test Result(s)		Maximum Permissible Limit
	Coffe fiber travelmug with a black silicone band and lid		
	A	B	
Sensorial examination odour(point scale)	0	0	2.5
Sensorial examination taste(point scale)	0	0	2.5

Test Item(s)	Test Result(s)		Maximum Permissible Limit
	Coffee fiber mug with ear		
	A	B	
Sensorial examination odour(point scale)	0	0	2.5
Sensorial examination taste(point scale)	0	0	2.5

Remark

Odour / Taste	Grade
No difference from natural sample	0
Just barely perceivable difference	1
Weak but definable difference	2
Clearly perceivable difference	3
Strong difference	4

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5.1 Test Result(s) of Color migration

Test method: with reference to Kunststoffe im Lebensmittelverkehr, Part B II IX

Test Item(s)	Test Condition	Result	Limit
		1-1	
Color migration	3%(w/v) Acetic acid, 70℃, 2h	Not recognized	Not recognized
	10%(v/v) Ethanol, 70℃, 2h	Not recognized	Not recognized
	95% (v/v) Ethanol, 60°C, 2h	Not recognized	Not recognized
	Isooctane, 40°C, 0.5h	Not recognized	Not recognized
Conclusion		**Pass**	/

Note:

1. Recognized=Dissolution of color is/are observed when comparing with blank leaching solution(s).
2. Not Recognized=Dissolution of color is/are NOT observed when comparing with blank leaching solution(s).

5.2 Test Result(s) of Overall Migration

Unit: mg/dm^2

Test Solution	Test condition	MDL	Test Result(s)	Limit
			1-1	
3%(w/v)Acetic acid	70°C, 2h	5	N.D.	10
10% (v/v) Ethanol		5	N.D.	10
95% (v/v) Ethanol	60°C, 2h	5	N.D.	10
Isooctane	40°C, 0.5h	5	N.D.	10
Conclusion	/	/	**Pass**	/

Note: 1. N.D.=not detected (less than method detection limit)

2. MDL=method detection limit

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5.3 Test Result(s) of Total Lead and Cadmium content

Unit: mg/kg

Test Item	Test Method/ Equipment	MDL	Test Result(s)	Limit
			1-1	
Lead (Pb)	EPA 3052-1996& EPA 6010D-2018 ICP-OES	2	N.D.	Absent
Cadmium (Cd)		2	N.D.	Absent
Conclusion	/	/	**Pass**	/

Note: -MDL=method detection limit
-N.D.=not detected (less than method detection limit)

5.4 Test Result(s) of Specific Migration of Heavy metals

Unit: mg/kg

Test Item(s)	Test Condition/ Equipment	MDL	Test Result(s)	Limit
			3% (w/v) Acetic acid	
			1-1	
Aluminum (Al)	70°C, 2h / ICP-OES	0.5	N.D.	1
Barium (Ba)		0.25	N.D.	1
Cobalt (Co)		0.01	N.D.	0.05
Copper (Cu)		0.25	N.D.	5
Iron (Fe)		0.25	N.D.	48
Lithium (Li)		0.5	N.D.	0.6
Manganese (Mn)		0.25	N.D.	0.6
Zinc (Zn)		0.5	N.D.	5
Nickel(Ni)		0.01	N.D.	0.02
Conclusion		/	**Pass**	/

Note: -MDL=method detection limit
-N.D.=not detected (less than method detection limit)

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5.5 Test result of Special Migration of Formaldehyde

Unit: mg/kg

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)	Limit
			3% (w/v) Acetic acid	
			1-1	
Special Migration of Formaldehyde	70°C, 2h/UV-Vis	5	N.D.	15
Conclusion	/	/	**Pass**	/

Note: 1. N.D.=not detected (less than method detection limit)
2. MDL=method detection limit

5.6 Test result of Specific Migration of Melamine

Unit: mg/kg

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)	Limit
			3% (w/v) Acetic acid	
			1-1	
Specific Migration of Melamine	70°C, 2h/HPLC	0.01	N.D.	2.5
Conclusion	/	/	**Pass**	/

Note: 1. N.D.=not detected (less than method detection limit)
2. MDL=method detection limit

6. Test Result(s) of Overall Migration

Unit: %

Test Solution	Test condition	MDL	Test Result(s)		Limit
			1-2	1-3	
10%(v/v) Ethanol	70°C, 2h	0.1	N.D.	N.D.	0.5
3% (w/v) Acetic acid		0.1	N.D.	N.D.	0.5
Conclusion	/	/	**Pass**	**Pass**	/

Note: 1. N.D.=not detected (less than method detection limit)
2. MDL=method detection limit

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7.Test Result of mechanical dishwashing safe test

Sample 1: Coffee fiber lunchbox with black silicon strap,
Coffe fiber travelmug with a black silicone band and lid,
Coffee fiber mug with ear

Test details:

Test method: AGC in-house method (reference to BS EN 12875-1:2005)

Washing temperature: 60℃

Number of cycle: Five (5) cycles

Number of tested sample: One(1) samples per color per style

Number of control sample: One(1) samples per color per style

Test results

For all tested plastic articles：

1）No visible change of color, gloss and clouding was found on the tested samples after wash.

2）No visible deposit or iridescent layer was found on the tested samples after wash.

3）No visible swelling, deformation, cracking, crazing or delamination was found on the tested samples after wash.

8. Test Result of microwave test

Sample 1: Coffee fiber lunchbox with black silicon strap,
Coffe fiber travelmug with a black silicone band and lid,
Coffee fiber mug with ear

Test method: AGC in-house method (reference to EN 15284-2007)

Microwave power out: 533W

Short period: 135 s

Long period: 878 s

Number of tested sample: One (1) samples per color per style

Number of control sample: One (1) sample per color per style

Test results

Specimen(s)	Maximum handle temperature after short period of heating	Maximum surface temperature after long period of heating
1.	39.3℃	78.8℃
2.	43.5℃	64.6℃

For all tested plastic articles

1）No visible cracking and colour change was found on the tested samples.

2）No visible melting, deformation, suitability for re-use and charring was found on the tested samples.

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9.Test Result(s) of REACH:
Sample Description:

Sample Name.	Part No.	Test Point Description
Coffee fiber lunchbox with black silicon strap, Coffe fiber travelmug with a black silicone band and lid, Coffee fiber mug with ea	1	Non-metal

Test Result:

Part No.	Substances Name	Test Result(%)	RL(%)	Conclusion
		Test Data		
1	All test SVHC in candidate list	N.D.	0.01	Pass

Remarks: 1.If a SVHC found over 0.1%, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.
2.The report limit (RL)= Results below this value will be stated as N.D.
3. N.D.=Not Detected (<report limit)
4.As specified by client, the submitted samples were mixed to test.

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Test Method: Refer to in-house method
Equipment: GC-MS/ ICP-OES/ HPLC/ IC/ UV-Vis/ GC-FID/ LC-MS-MS

Substance information:

No.	Substance Name(s)	CAS No.	EC No.
First batch			
1	Anthracene	120-12-7	204-371-1
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4
3	Dibutyl phthalate (DBP)	84-74-2	201-557-4
4	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0
5	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7
6	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0
7	5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	201-329-4
8	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:(α-HBCDD, β-HBCDD,γ-HBCDD)	25637-99-4 3194-55-6 (134237-51-7 134237-50-6 134237-52-8)	247-148-4 221-695-9
9	Alkanes, C10-13 chloro (short chain chlorinated paraffins,SCCP)	85535-84-8	287-476-5
10	Lead hydrogen arsenate*	7784-40-9	232-064-2
11	Triethyl arsenate*	15606-95-8	427-700-2
12	Diarsenic pentaoxide *	1303-28-2	215-116-9
13	Diarsenic trioxide*	1327-53-3	215-481-4
14	Cobalt dichloride*	7646-79-9	231-589-4
15	Sodium dichromate*	7789-12-0 10588-01-9	234-190-3
Second batch			
16	①Anthracene oil	90640-80-5	292-602-7
17	①Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5
18	①Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9
19	①Anthracene oil, anthracene-low	90640-82-7	292-604-8
20	①Anthracene oil, anthracene paste	90640-81-6	292-603-2
21	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2
22	2,4-Dinitrotoluene (2,4-DNT)	121-14-2	204-450-0

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No.	Substance Name(s)	CAS No.	EC No.
23	②Lead chromate	7758-97-6	231-846-0
24	②Lead chromate molybdatesulphate red (C.I. Pigment Red 104) ***	12656-85-8	235-759-9
25	②Lead sulfochromate yellow(C.I. Pigment Yellow 34)	1344-37-2	215-693-7
26	①Pitch, coal tar, high temp.	65996-93-2	266-028-2
27	Tris(2-chloroethyl)phosphate(TCEP)	115-96-8	204-118-5
28	Acrylamide	79-06-1	201-173-7
Third batch			
29	Trichloroethylene	79-01-6	201-167-4
30	Boric acid*	10043-35-3 11113-50-1	233-139-2 234-343-4
31	Disodium tetraborate, anhydrous*	1330-43-4 12179-04-3 1303-96-4	215-540-4
32	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3
33	Sodium chromate*	7775-11-3	231-889-5
34	Potassium chromate*	7789-00-6	232-140-5
35	Ammonium dichromate*	7789-09-5	232-143-1
36	Potassium dichromate*	7778-50-9	231-906-6
Fourth batch			
37	Chromium trioxide*	1333-82-0	215-607-8
38	2-Methoxyethanol	109-86-4	203-713-7
39	2-Ethoxyethanol	110-80-5	203-804-1
40	Cobalt(II) diacetate*	71-48-7	200-755-8
41	Cobalt(II) carbonate*	513-79-1	208-169-4
42	Cobalt(II) dinitrate*	10141-05-6	233-402-1
43	Cobalt(II) sulphate*	10124-43-3	233-334-2
44	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid*, Dichromic acid*, Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2	231-801-5 236-881-5
Fifth batch			

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No.	Substance Name(s)	CAS No.	EC No.
45	2-ethoxyethyl acetate	111-15-9	203-839-2
46	Strontium chromate *	7789-06-2	232-142-6
47	①1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6
48	Hydrazine	7803-57-8 302-01-2	206-114-9
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1
50	1,2,3-trichloropropane	96-18-4	202-486-1
51	①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1
Sixth batch			
52	Dichromiumtris(chromate) *	24613-89-6	246-356-2
53	Potassium hydroxyoctaoxodizincate di-chromate*	11103-86-9	234-329-8
54	Pentazinc chromate octahydroxide ***	49663-84-5	256-418-0
55	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1
56	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6
57	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1
58	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2
59	1,2-Dichloroethane	107-06-2	203-458-1
60	Bis(2-methoxyethyl) ether	111-96-6	203-924-4
61	Arsenic acid*	7778-39-4	231-901-9
62	Calcium arsenate*	7778-44-1	231-904-5
63	Trileaddiarsenate*	3687-31-8	222-979-5
64	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4
65	Phenolphthalein	77-09-8	201-004-7
66	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9
67	Lead azide; Lead diazide*	13424-46-9	236-542-1
68	Lead styphnate*	15245-44-0	239-290-0
69	Lead dipicrate*	6477-64-1	229-335-2
70	②Aluminosilicate Refractory Ceramic Fibres (RCF)**	-	-

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No.	Substance Name(s)	CAS No.	EC No.
71	②Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	-	-
Seventh batch			
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9
74	Diboron trioxide*	1303-86-2	215-125-8
75	Lead(II)bis(methanesulfonate)*	17570-76-2	401-750-5
76	Formamide	75-12-7	200-842-0
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3
78	1,3,5-tris[(2S and2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	423-400-0
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	208-953-6
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	219-943-6
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	229-851-8
84	4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	561-41-1	209-218-2
Eighth batch			
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9
86	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2
87	Tricosafluorododecanoic acid	307-55-1	206-203-2
88	Henicosafluoroundecanoic acid	2058-94-8	218-165-4
89	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4
90	①4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-

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No.	Substance Name(s)	CAS No.	EC No.
91	①4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)	123-77-3	204-650-8
93	Hexahydromethylphthalic anhydride Hexahydro-4-methylphthalic anhydride Hexahydro-1-methylphthalic anhydride Hexahydro-3-methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1
94	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9
95	Methoxy acetic acid	625-45-6	210-894-6
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2
97	Diisopentylphthalate(DIPP)	605-50-5	210-088-4
98	N-pentyl-isopentylphtalate	776297-69-9	-
99	1,2-diethoxyethane	629-14-1	211-076-1
100	N,N-dimethylformamide	68-12-2	200-679-5
101	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0
102	Acetic acid, lead salt, basic*	51404-69-4	257-175-3
103	Trileadbis(carbonate) dihydroxide*	1319-46-6	215-290-6
104	Lead oxide sulfate*	12036-76-9	234-853-7
105	[Phthalato(2-)]dioxotrilead *	69011-06-9	273-688-5
106	Dioxobis(stearato)trilead *	12578-12-0	235-702-8
107	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7
108	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0
109	Lead cynamidate*	20837-86-9	244-073-9
110	Lead dinitrate*	10099-74-8	233-245-9
111	Lead oxide (lead monoxide)*	1317-36-8	215-267-0
112	Lead tetroxide (orange lead)*	1314-41-6	215-235-6
113	Lead titanium trioxide*	12060-00-3	235-038-9
114	Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4

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No.	Substance Name(s)	CAS No.	EC No.
115	②Pentaleadtetraoxidesulphate*	12065-90-6	235-067-7
116	②Pyrochlore, antimony lead yellow *	8012-00-8	232-382-1
117	②Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5
118	Silicic acid, lead salt*	11120-22-2	234-363-3
119	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1
120	Tetraethyllead*	78-00-2	201-075-4
121	Tetralead trioxide sulphate*	12202-17-4	235-380-9
122	Trilead dioxide phosphonate*	12141-20-7	235-252-2
123	Furan	110-00-9	203-727-3
124	Methyloxirane (Propylene oxide)	75-56-9	200-879-2
125	Diethyl sulphate	64-67-5	200-589-6
126	Dimethyl sulphate	77-78-1	201-058-1
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7
128	Dinoseb	88-85-7	201-861-7
129	4,4'-methylenedi-*o*-toluidine	838-88-0	212-658-8
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0
131	4-aminoazobenzene	60-09-3	200-453-6
132	4-methyl-*m*-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1
133	6-methoxy-*m*-toluidine (p-cresidine)	120-71-8	204-419-1
134	Biphenyl-4-ylamine	92-67-1	202-177-1
135	*o*-aminoazotoluene [(4-o-tolylazo-*o*-toluidine]	97-56-3	202-591-2
136	*o*-toluidine	95-53-4	202-429-0
137	N-methylacetamide	79-16-3	201-182-6
138	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0
Ninth batch			
139	①4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	-

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No.	Substance Name(s)	CAS No.	EC No.
140	Cadmium	7440-43-9	231-152-8
141	Cadmium oxide*	1306-19-0	215-146-2
142	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4
143	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9
144	Dipentyl phthalate (DPP)	131-18-0	205-017-9
Tenth batch			
145	Cadmium sulphide *	1306-23-6	215-147-8
146	Dihexyl phthalate(DnHP)	84-75-3	201-559-5
147	②Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4
148	②Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2, 7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9
150	Trixylyl phosphate	25155-23-1	246-677-8
151	Lead di(acetate) *	301-04-2	206-104-4
Eleventh batch			
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5
153	Cadmium chloride*	10108-64-2	233-296-7
154	Sodium perborate; perboric acid, sodium salt*	-	239-172-9 234-390-0
155	Sodium peroxometaborate*	7632-04-4	231-556-4
Twelfth batch			
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4
159	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-

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No.	Substance Name(s)		CAS No.	EC No.
160	Cadmium fluoride*	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	7790-79-6	232-222-0
161	Cadmium sulphate*		10124-36-4 31119-53-6	233-331-6
Thirteenth batch				
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyldiesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)		68515-51-5 68648-93-1	271-094-0 272-013-1
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl) -5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]		-	-
Fourteenth batch				
164	1,3-propanesultone		1120-71-4	214-317-9
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)		3864-99-1	223-383-8
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)		36437-37-3	253-037-1
167	Nitrobenzene		98-95-3	202-716-0
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts		375-95-1, 21049-39-8 4149-60-4	206-801-3
Fifteenth batch				
169	Benzo[def]chrysene (Benzo[a]pyrene)		50-32-8	200-028-5
Sixteenth batch				
170	4,4'-isopropylidenediphenol (bisphenol A)		80-05-7	201-245-8
171	4-tert-pentylphenol (PTAP)		80-46-6	201-280-9
172	4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]		-	-
173	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts		3108-42-7 335-76-2 3830-45-3	- 206-400-3 221-470-5
Seventeenth batch				
174	Perfluorohexane-1-sulphonic acid and its salts		355-46-4	206-587-1
Eighteenth batch				

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No.	Substance Name(s)	CAS No.	EC No.
175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("DechloranePlus"TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-
176	Benz[a]anthracene	56-55-3	200-280-6
177	Cadmium nitrate*	10325-94-7	233-710-6
178	Cadmium carbonate*	513-78-0	208-168-9
179	Cadmium hydroxide*	21041-95-2	244-168-5
180	Chrysene	218-01-9	205-923-4
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	-
Item 182 SVHC Substance (Added by (EU) 2018/594 on April 19, 2018)			
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0
Item 183 SVHC Substance (Added by (EU) 2018/636 on April 25, 2018)			
183	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9
Nineteenth batch			
184	Benzo[ghi]perylene	191-24-2	205-883-8
185	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9
186	Disodium octaborate*	12008-41-2	234-541-0
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8
188	Ethylenediamine	107-15-3	203-468-6
189	Lead	7439-92-1	231-100-4
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7
191	Terphenyl hydrogenated	61788-32-7	262-967-7
Item 192 SVHC Substance (Added by (EU) 2018/2013 on December 18, 2018)			
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	239-139-9
Twentieth batch			
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1
194	Benzo[k]fluoranthene	207-08-9	205-916-6

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No.	Substance Name(s)	CAS No.	EC No.
195	Fluoranthene	206-44-0	205-912-4
196	Phenanthrene	85-01-8	201-581-5
197	Pyrene	129-00-0	204-927-3
Twenty-first batch			
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) HFPO-DA	-	-
199	2-methoxyethyl acetate	110-49-6	203-772-9
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-
201	p-tert-Butylphenol,4-t-Butylphenol（PTBP）	98-54-4	202-679-0
Twenty-second batch			
202	Diisohexyl phthalate	71850-09-4	276-090-2
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-
Twenty-third batch			
206	1-vinylimidazole	1072-63-5	214-012-0
207	2-methylimidazole	693-98-1	211-765-7
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0

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Note:

-*：Inorganic SVHC compounds are obtained by converting the test results of cobalt, chloride, sodium, arsenic, chromium, potassium, lead, boron, zirconium, titanium, phosphorus, calcium, zinc, strontium, molybdenum, aluminum and cadmium elements, and confirmed through the appropriate solvent extraction. At the same time, customers are suggested to check the chemical formula table, to further confirm whether above materials are contained.

-**：All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation (Regulation(EC) No 1272/2008).

-***：C.I.:Colour Index

-****： Light fractions from distillation

-①：In view of the substances are established as UVCB substances(substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.

- ②：In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.

Sample Description

1	Coffee fiber lunchbox with black silicon strap, Coffe fiber travelmug with a black silicone band and lid, Coffee fiber mug with ear
1-1	Coffee fiber mug
1-2	Black silicone lid
1-3	White silicone ring
1-4	Black silicone band

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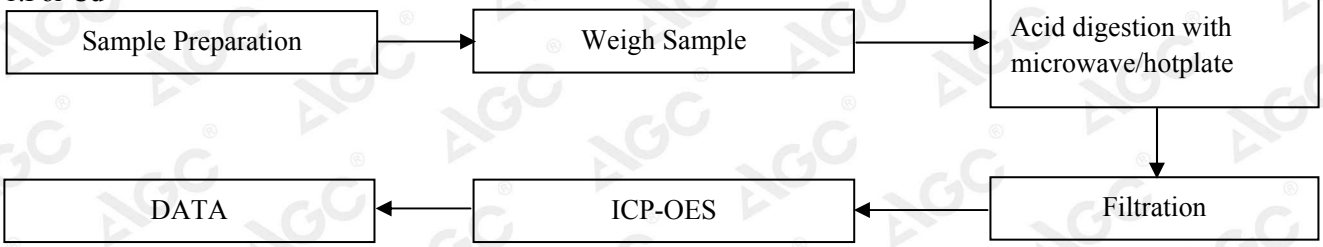
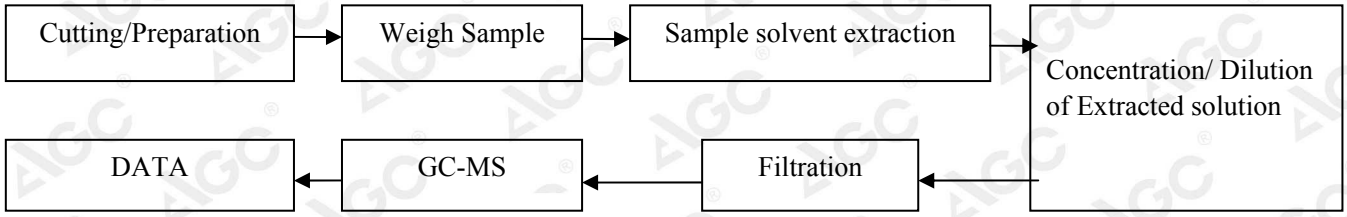
Test Flow Chart

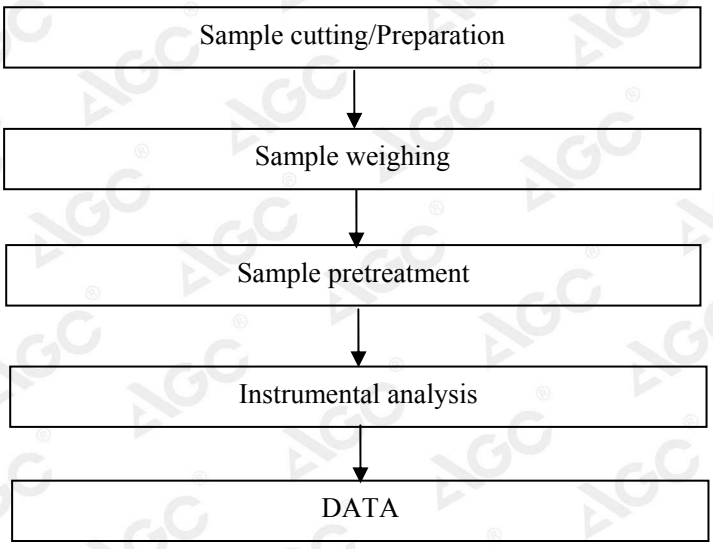
1.For Cd



2.For PAHs, phthalates



3. For REACH



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The photo of the sample

AGC02372200604-001

AGC authenticate the photo on original report only

*** End of Report***

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