

Test Report

No. CANEC1700304227

Date: 23 Jan 2017

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KINGBOARD LAMINATES HOLDINGS LIMITED

2/F., HARBOUR VIEW 1, NO. 12 SCIENCE PARK EAST AVENUE, PHASE II HONG KONG SCIENCE PARK,
SHATIN, N.T., HONG KONG

The following sample(s) was/were submitted and identified on behalf of the clients as : KB-3151C

SGS Job No. : CP17-000756 - GZ

Model No. : KB-3151C

Client Ref. Info. : KB-2150,KB-2151,KB-3151S,KB-3150N,KB-3151HS

Date of Sample Received : 05 Jan 2017

Testing Period : 05 Jan 2017 - 20 Jan 2017

Test Requested : Selected test(s) as requested by client.

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Conclusion : Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP) , Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) , and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Violet

Violet, Shi
Approved Signatory



Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN17-003042.001	Brown sheet(only test brown part without red "KB" printing)

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

- Test Method :
- (1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.
 - (2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.
 - (3)With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.
 - (4)With reference to IEC 62321:2008, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
 - (5)With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.
 - (6)With reference to IEC 62321-8:2013 (111/321/CD) , determination of phthalates by GC-MS.

Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	ND
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	1,000	mg/kg	2	ND
Sum of PBBs	1,000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg	-	ND



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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Monobromodiphenyl ether	-	mg/kg	5	ND
Dibromodiphenyl ether	-	mg/kg	5	ND
Tribromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND
Octabromodiphenyl ether	-	mg/kg	5	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND
Decabromodiphenyl ether	-	mg/kg	5	ND
Dibutyl phthalate (DBP)	1000	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND
Bis (2-ethylhexyl) phthalate (DEHP)	1000	mg/kg	50	ND
Diisobutyl Phthalates (DIBP)	1000	mg/kg	50	ND

Notes :

(1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.

CoCl₂ (Cobalt dichloride)

Test Method : With reference to SGS in house method(GZTC CHEM-TOP-099-02), analysis was performed by IC and ICP-OES

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Cobalt Dichloride (CoCl ₂)	mg/kg	100	ND

Notes :

(1) Results of cobalt dichloride are calculated based on the results of cobalt and chloride.

Elementary Analysis

Test Method : With reference to SGS in house method(GZTC CHEM-TOP-099-02), analysis was performed by IC and ICP-OES



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<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Arsenic (As)	mg/kg	10	ND
Antimony (Sb)	mg/kg	10	ND
Beryllium (Be)	mg/kg	5	ND

ODS

Test Method : With reference to US EPA 5021A-2003, analysis was performed by HS-GC-MS.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Sulphur Hexafluoride - SF ₆	2551-62-4	µg/g	0.1	ND
CFC				
CFC-11	75-69-4	µg/g	0.1	ND
CFC-12	75-71-8	µg/g	0.1	ND
CFC-113	76-13-1	µg/g	0.1	ND
CFC-114	76-14-2	µg/g	0.1	ND
CFC-13	75-72-9	µg/g	0.1	ND
CFC-111	354-56-3	µg/g	0.1	ND
CFC-112	76-11-9	µg/g	0.1	ND
CFC-112	76-12-0	µg/g	0.1	ND
CFC-113	354-58-5	µg/g	0.1	ND
CFC-114	374-07-2	µg/g	0.1	ND
CFC-115	76-15-3	µg/g	0.1	ND
CFC-211	422-78-6	µg/g	0.1	ND
CFC-212	661-96-1	µg/g	0.1	ND
CFC-213	1652-89-7	µg/g	0.1	ND
CFC-214	677-68-9	µg/g	0.1	ND
CFC-215	1599-41-3	µg/g	0.1	ND
CFC-215	76-17-5	µg/g	0.1	ND
CFC-216	661-97-2	µg/g	0.1	ND
CFC-216	1652-80-8	µg/g	0.1	ND
CFC-217	422-86-6	µg/g	0.1	ND
HCFC				
HCFC-21	75-43-4	µg/g	0.1	ND
HCFC-22	75-45-6	µg/g	0.1	ND
HCFC-123	306-83-2	µg/g	0.1	ND
HCFC-124	2837-89-0	µg/g	0.1	ND
HCFC-141b	1717-00-6	µg/g	0.1	ND
HCFC-142b	75-68-3	µg/g	0.1	ND
HCFC-31	593-70-4	µg/g	0.1	ND



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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
HCFC-121	354-14-3	µg/g	0.1	ND
HCFC-122	354-21-2	µg/g	0.1	ND
HCFC-123a	354-23-4	µg/g	0.1	ND
HCFC-124a	354-25-6	µg/g	0.1	ND
HCFC-131	359-28-4	µg/g	0.1	ND
HCFC-131a	811-95-0	µg/g	0.1	ND
HCFC-132a	471-43-2	µg/g	0.1	ND
HCFC-132b	1649-08-7	µg/g	0.1	ND
HCFC-133a	75-88-7	µg/g	0.1	ND
HCFC-221	422-26-4	µg/g	0.1	ND
HCFC-222	422-30-0	µg/g	0.1	ND
HCFC-223	422-52-6	µg/g	0.1	ND
HCFC-224	422-54-8	µg/g	0.1	ND
HCFC-225ca	422-56-0	µg/g	0.1	ND
HCFC-225cb	507-55-1	µg/g	0.1	ND
HCFC-226	431-87-8	µg/g	0.1	ND
HCFC-231	421-94-3	µg/g	0.1	ND
HCFC-232	460-89-9	µg/g	0.1	ND
HCFC-233	7125-84-0	µg/g	0.1	ND
HCFC-234	425-94-5	µg/g	0.1	ND
HCFC-235	460-92-4	µg/g	0.1	ND
HCFC-241	666-27-3	µg/g	0.1	ND
HCFC-242	460-63-9	µg/g	0.1	ND
HCFC-243	338-75-0	µg/g	0.1	ND
HCFC-244	679-85-6	µg/g	0.1	ND
HCFC-251	421-41-0	µg/g	0.1	ND
HCFC-252	819-00-1	µg/g	0.1	ND
HCFC-253	460-35-5	µg/g	0.1	ND
HCFC-261	7799-56-6	µg/g	0.1	ND
HCFC-261	420-97-3	µg/g	0.1	ND
HCFC-271	430-55-7	µg/g	0.1	ND
HCFC-262	102738-79-4	µg/g	0.1	ND
HCFC-262	420-99-5	µg/g	0.1	ND
Halon				
Halon 1211	353-59-3	µg/g	0.1	ND
Halon 1301	75-63-8	µg/g	0.1	ND
Halon 2402	124-73-2	µg/g	0.1	ND
HBFC				
CHF ₂ Br	1511-62-2	µg/g	0.1	ND
CH ₂ FBr	373-52-4	µg/g	0.1	ND



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C ₂ HFB _{r4}	-	µg/g	0.1	ND
C ₂ HF ₂ Br ₃	377-34-9	µg/g	0.1	ND
C ₂ HF ₃ Br ₂	354-04-1	µg/g	0.1	ND
C ₂ HF ₄ Br	-	µg/g	0.1	ND
C ₂ H ₂ FBr ₃	-	µg/g	0.1	ND
C ₂ H ₂ F ₂ Br ₂	75-82-1	µg/g	0.1	ND
C ₂ H ₂ F ₃ Br	421-06-7	µg/g	0.1	ND
C ₂ H ₃ FBr ₂	358-97-4	µg/g	0.1	ND
C ₂ H ₃ F ₂ Br	359-07-9	µg/g	0.1	ND
C ₂ H ₄ FBr	762-49-2	µg/g	0.1	ND
C ₃ HFB _{r6}	-	µg/g	0.1	ND
C ₃ HF ₂ Br ₅	-	µg/g	0.1	ND
C ₃ HF ₃ Br ₄	-	µg/g	0.1	ND
C ₃ HF ₄ Br ₃	-	µg/g	0.1	ND
C ₃ HF ₅ Br ₂	431-78-7	µg/g	0.1	ND
C ₃ HF ₆ Br	2252-78-0	µg/g	0.1	ND
C ₃ H ₂ FBr ₅	-	µg/g	0.1	ND
C ₃ H ₂ F ₂ Br ₄	-	µg/g	0.1	ND
C ₃ H ₂ F ₃ Br ₃	421-90-9	µg/g	0.1	ND
C ₃ H ₂ F ₄ Br ₂	460-86-6	µg/g	0.1	ND
C ₃ H ₂ F ₅ Br	32778-10-2	µg/g	0.1	ND
C ₃ H ₃ FBr ₄	-	µg/g	0.1	ND
C ₃ H ₃ F ₂ Br ₃	-	µg/g	0.1	ND
C ₃ H ₃ F ₃ Br ₂	431-21-0	µg/g	0.1	ND
C ₃ H ₃ F ₄ Br	679-84-5	µg/g	0.1	ND
C ₃ H ₄ FBr ₃	-	µg/g	0.1	ND
C ₃ H ₄ F ₂ Br ₂	460-25-3	µg/g	0.1	ND
C ₃ H ₄ F ₃ Br	460-32-2	µg/g	0.1	ND
C ₃ H ₅ FBr ₂	453-00-9	µg/g	0.1	ND
C ₃ H ₅ F ₂ Br	420-89-3	µg/g	0.1	ND
C ₃ H ₆ FBr	-	µg/g	0.1	ND
Others				
Dibromofluoromethane	1868-53-7	µg/g	0.1	ND
Methyl bromide	74-83-9	µg/g	0.1	ND
Bromochloromethane	74-97-5	µg/g	0.1	ND
HFC				
HFC-23	75-46-7	µg/g	0.1	ND
HFC-32	75-10-5	µg/g	0.1	ND
HFC-41	593-53-3	µg/g	0.1	ND
HFC-43-10mee	-	µg/g	0.1	ND



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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
HFC-125	354-33-6	µg/g	0.1	ND
HFC-134	359-35-3	µg/g	0.1	ND
HFC-134a	811-97-2	µg/g	0.1	ND
HFC-152a	75-37-6	µg/g	0.1	ND
HFC-143	420-46-2	µg/g	0.1	ND
HFC-143a	430-66-0	µg/g	0.1	ND
HFC-227ea	-	µg/g	0.1	ND
HFC-236cb	-	µg/g	0.1	ND
HFC-236ea	431-63-0	µg/g	0.1	ND
HFC-236fa	690-39-1	µg/g	0.1	ND
HFC-245ca	679-86-7	µg/g	0.1	ND
HFC-245fa	-	µg/g	0.1	ND
HFC-365mfc	-	µg/g	0.1	ND
PFC				
Perfluoromethane	75-73-0	µg/g	0.1	ND
Perfluoroethane	76-16-4	µg/g	0.1	ND
Perfluoropropane	76-19-7	µg/g	0.1	ND
Perfluorobutane	355-25-9	µg/g	0.1	ND
Perfluoropentane	678-26-2	µg/g	0.1	ND
Perfluorohexane	355-42-0	µg/g	0.1	ND
Perfluorocyclobutane	115-25-3	µg/g	0.1	ND
CHC				
1,3-dichloropropane	142-28-9	µg/g	0.1	ND
2,2-dichloropropane	594-20-7	µg/g	0.1	ND
Carbon tetrachloride	56-23-5	µg/g	0.1	ND
chloroethane	75-00-3	µg/g	0.1	ND
Chloroform	67-66-3	µg/g	0.1	ND
chloromethane	74-87-3	µg/g	0.1	ND
Cis-1,2-dichloroethene	156-59-2	µg/g	0.1	ND
Cis-1,3-dichloropropene	10061-01-5	µg/g	0.1	ND
Hexachlorobutadiene	87-68-3	µg/g	0.1	ND
Methylene chloride	75-09-2	µg/g	0.1	ND
Tetrachloroethene	127-18-4	µg/g	0.1	ND
Trans-1,2-dichloroethene	156-60-5	µg/g	0.1	ND
Trans-1,3-dichloropropene	10061-02-6	µg/g	0.1	ND
Trichloroethylene	79-01-6	µg/g	0.1	ND
1,1,1,2-tetrachloroethane	630-20-6	µg/g	0.1	ND
1,1,1-trichloroethane	71-55-6	µg/g	0.1	ND
1,1,2,2-tetrachloroethane	79-34-5	µg/g	0.1	ND
1,1,2-trichloroethane	79-00-5	µg/g	0.1	ND



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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
1,1-dichloroethane	75-35-4	µg/g	0.1	ND
1,1-dichloroethene	75-35-4	µg/g	0.1	ND
1,1-dichloropropene	563-58-6	µg/g	0.1	ND
1,2,3-trichloropropane	96-18-4	µg/g	0.1	ND
1,2-dichloroethane	107-06-2	µg/g	0.1	ND
1,2-dichloropropane	78-87-5	µg/g	0.1	ND

Asbestos

Test Method : With reference to NIOSH 9002:1994 and NIOSH 9000:1994, Analysis was performed by PLM and XRD.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Chrysotile	12001-29-5	% (m/m)	0.1	Negative
Amosite	12172-73-5	% (m/m)	0.1	Negative
Crocidolite	12001-28-4	% (m/m)	0.1	Negative
Anthophyllite	77536-67-5	% (m/m)	0.1	Negative
Tremolite	77536-68-6	% (m/m)	0.1	Negative
Actinolite	77536-66-4	% (m/m)	0.1	Negative

Notes :

(1) Negative means the absence of asbestos, Positive means the presence of asbestos.

Tetrabromobisphenol A (TBBP-A)

Test Method : With reference to US EPA Method 3540C:1996, analysis was performed by GC-MS&HPLC-MS.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Tetrabromobisphenol A (TBBP-A)	mg/kg	10	ND

Red Phosphor



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Test Method : With reference to SGS In-house method (GZTC CHEM-TOP-215-01), analysis was performed by PY-GC/MS& ICP-OES

Test Item(s)	Unit	MDL	001
Red phosphorus	mg/kg	500	ND

Hexabromocyclododecane (HBCDD)

Test Method : With reference to IEC 62321:2008, analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	001
Hexabromocyclododecane (HBCDD)	mg/kg	10	ND

PFOA & PFOS (Perfluorooctanoic acid & Perfluorooctane sulfonates)

Test Method : With reference to CEN/TS15968:2010, analysis was performed by LC-MS.

Test Item(s)	CAS NO.	Unit	MDL	001
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	10	ND
Perfluorooctane Sulfonates (PFOS)^	-	mg/kg	10	ND

Notes :

(1) ^ PFOS refer to Perfluorooctanesulfonic acid and its derivatives including Perfluorooctanesulfonic acid, Perfluorooctane sulfonamide, N-Methylperfluorooctane sulfonamide, N-Ethylperfluorooctane sulfonamide, N-Methylperfluorooctane sulfonamidoethanol and N-Ethylperfluorooctane sulfonamidoethanol.

Phthalate

Test Method : With reference to EN14372: 2004. Analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Unit	MDL	001
Dibutyl Phthalate (DBP)	84-74-2	%(w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	%(w/w)	0.003	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	%(w/w)	0.003	ND
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	%(w/w)	0.010	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	%(w/w)	0.003	ND



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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	%(w/w)	0.010	ND
Dimethyl Phthalate (DMP)	131-11-3	%(w/w)	0.003	ND
Diethyl Phthalate (DEP)	84-66-2	%(w/w)	0.003	ND
Dipropyl Phthalate (DPrP)	131-16-8	%(w/w)	0.003	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%(w/w)	0.003	ND
Di-n-pentyl Phthalate (DnPP)	131-18-0	%(w/w)	0.003	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	%(w/w)	0.003	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	%(w/w)	0.003	ND
Diphenyl Phthalate (DPhP)	84-62-8	%(w/w)	0.003	ND
Dibenzyl Phthalate (DBzP)	523-31-9	%(w/w)	0.003	ND
Dinonyl Phthalate (DNP)	84-76-4	%(w/w)	0.003	ND
Diisooctyl Phthalate (DIOP)	27554-26-3	%(w/w)	0.010	ND
Bis(2-methoxyethyl) Phthalate (DMEP)	117-82-8	%(w/w)	0.003	ND
Diallyl Phthalate (DAP)	131-17-9	%(w/w)	0.003	ND
n-decyl, n-octyl Phthalate (nDnOP)	119-07-3	%(w/w)	0.003	ND
Di-n-decyl Phthalate (DnDP)	84-77-5	%(w/w)	0.003	ND
Diisopentyl Phthalate (DIPP)	605-50-5	%(w/w)	0.003	ND
n-pentyl Isopentyl Phthalate (nPIPP)	776297-69-9	%(w/w)	0.003	ND
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	%(w/w)	0.010	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	%(w/w)	0.010	ND
Di(2-ethylhexyl)adipate (DEHA)	103-23-1	%(w/w)	0.003	ND
Bis(4-methyl-2-pentyl) Phthalate (BMPP)	146-50-9	%(w/w)	0.003	ND
Bis(2-ethoxyethyl) Phthalate (DEEP)	605-54-9	%(w/w)	0.003	ND
Bis(2-n-butoxyethyl) Phthalate (DBEP)	117-83-9	%(w/w)	0.003	ND
Diundecyl Phthalate (DUDP)	3648-20-2	%(w/w)	0.003	ND
Diisononyl adipate (DINA)	33703-08-1	%(w/w)	0.010	ND
Ditridecyl Phthalate (DTDP)	119-06-2	%(w/w)	0.003	ND
Trioctyl trimellitate (TOTM)	3319-31-1	%(w/w)	0.003	ND
Diocetyl Terephthalate (DOTP)	6422-86-2	%(w/w)	0.003	ND
Di-n-heptyl Phthalate (DnHpP)	3648-21-3	%(w/w)	0.003	ND
Acetyltributylcitrate (Citroflex, ATBC)	77-90-7	%(w/w)	0.010	ND
Di(2-propylheptyl) Phthalate(DPHpP)	53306-54-0	%(w/w)	0.010	ND
1,2-Benzenedicarboxylic acid, dihexyl ester branched and linear(DHP)	68515-50-4	%(w/w)	0.010	ND
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear (DPP)	84777-06-0	%(w/w)	0.010	ND



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Notes :

- (1)DBP,BBP,DEHP Reference information: Entry 51 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC):
- i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles.
 - ii) Toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.
- Please refer to Regulation (EC) No 552/2009 to get more detail information
- (2)DINP, DNOP, DIDP Reference information: Entry 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).
- i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.
 - ii) Such toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.
- Please refer to Regulation (EC) No 552/2009 to get more detail information

Organic-tin compounds

Test Method : With reference to ISO 17353: 2004 , analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	001
Monobutyl tin (MBT)	mg/kg	0.02	ND
Dibutyl tin (DBT)	mg/kg	0.02	ND
Tributyl tin (TBT)	mg/kg	0.02	ND
Monoctyl tin (MOT)	mg/kg	0.02	ND
Tetrabutyltin (TTBT/TeBT)	mg/kg	0.02	ND
Diocetyl tin (DOT)	mg/kg	0.02	ND
Triphenyl tin (TPhT)	mg/kg	0.02	ND
Tricyclohexyl tin (TCyT)	mg/kg	0.02	ND

European Regulation (EC) No. 850/2004 and its amendment Regulation (EU) 2015/2030 -Chlorinated Paraffins --Articles

Test Method : With reference to ISO 18219: 2015, analysis was performed by GC-NCI-MS / GC-ECD.

Test Item(s)	Limit	Unit	MDL	001
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	1500	mg/kg	50	ND
Comment				PASS

Formaldehyde



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Test Method : With reference to ISO 14184-1:2011, analysis was performed by UV-Vis.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Formaldehyde	50-00-0	mg/kg	16	ND

Notes :

- 1.The results shown are only for reference.

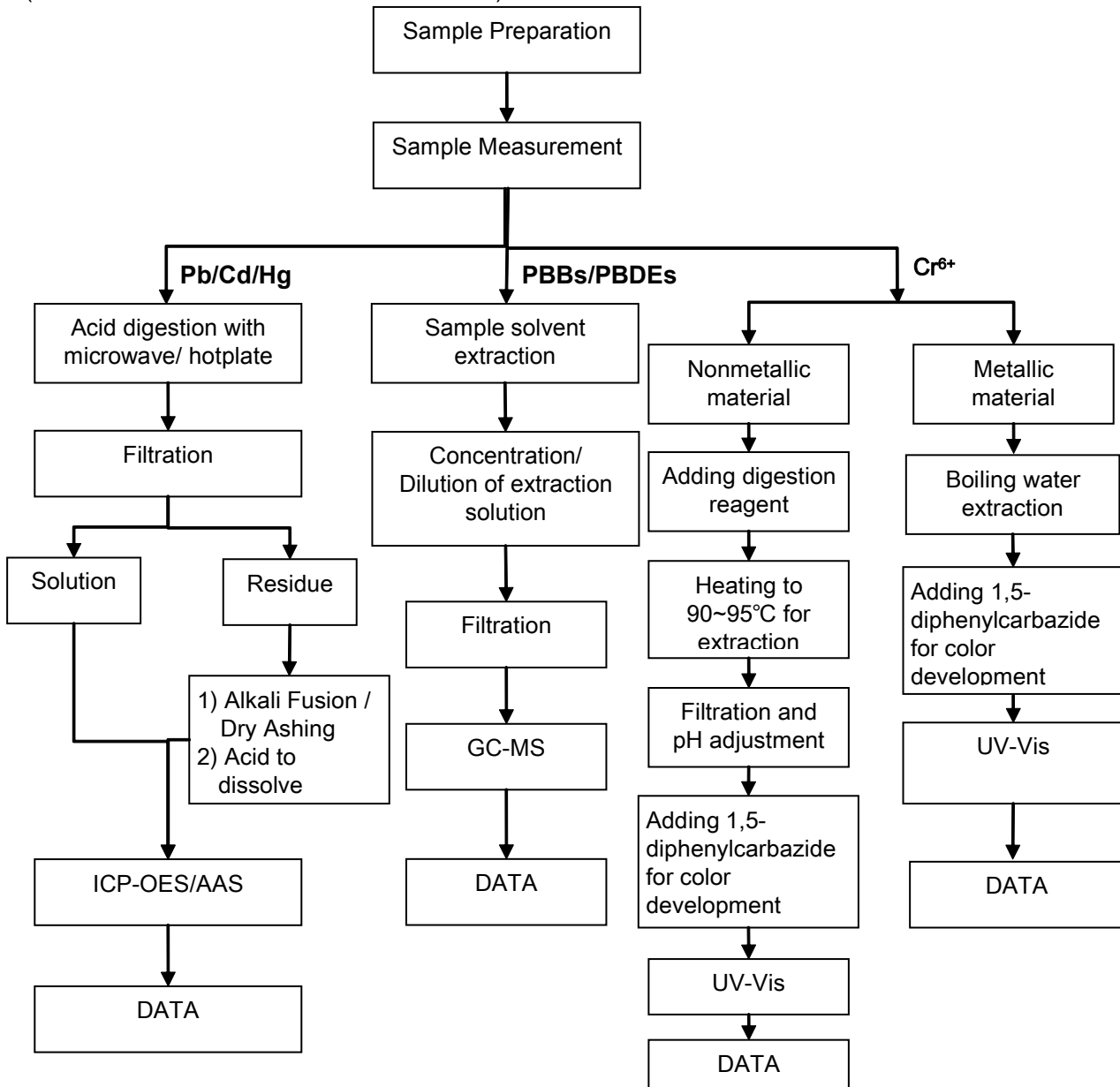
Remark: Results & photo(s) in this report refer to test report CANEC1700304201, CANEC1700304203.



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Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs Testing Flow Chart

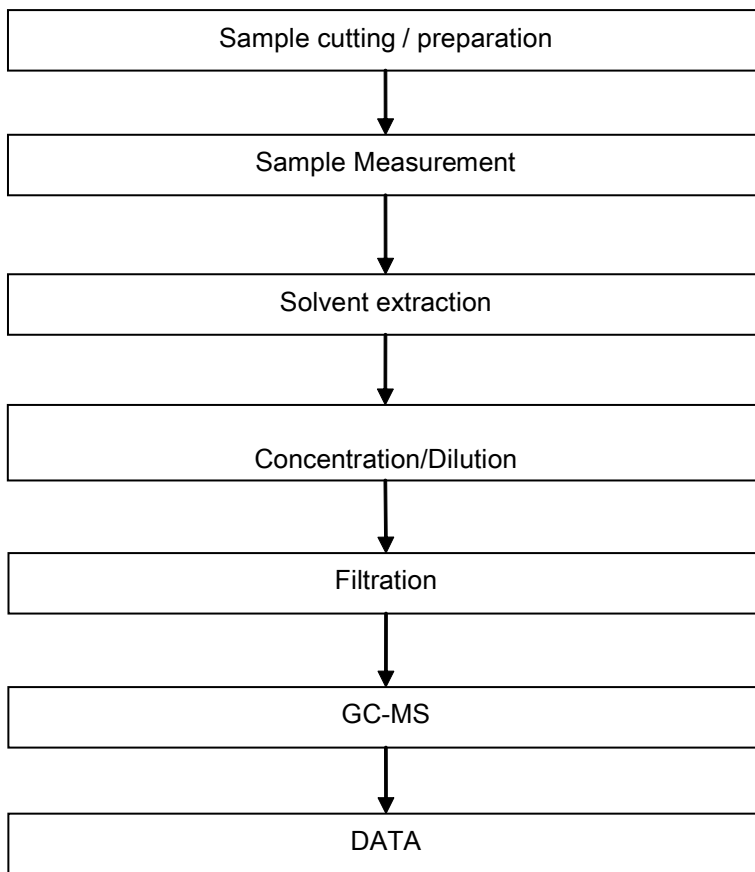
- 1) Name of the person who made testing: Edith Zhang / Sunny Hu
- 2) Name of the person in charge of testing: Bella Wang / Qiong Liu
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr⁶⁺ and PBBs/PBDEs test method excluded).



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Phthalates Testing Flow Chart

- 1) Name of the person who made testing: Sunny Hu
- 2) Name of the person in charge of testing: Qiong Liu



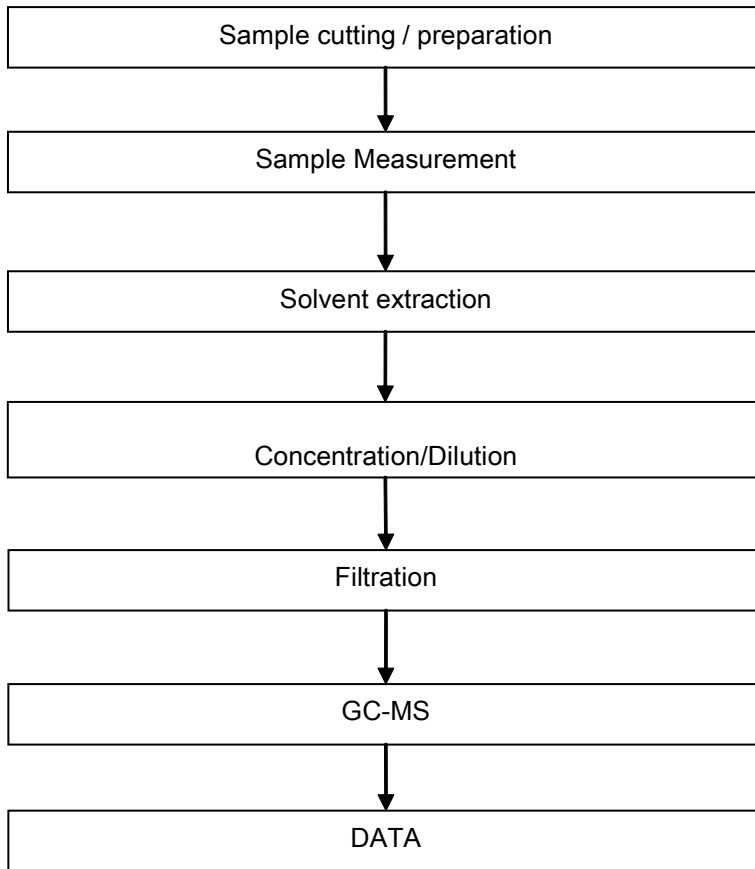
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HBCDD Testing Flow Chart

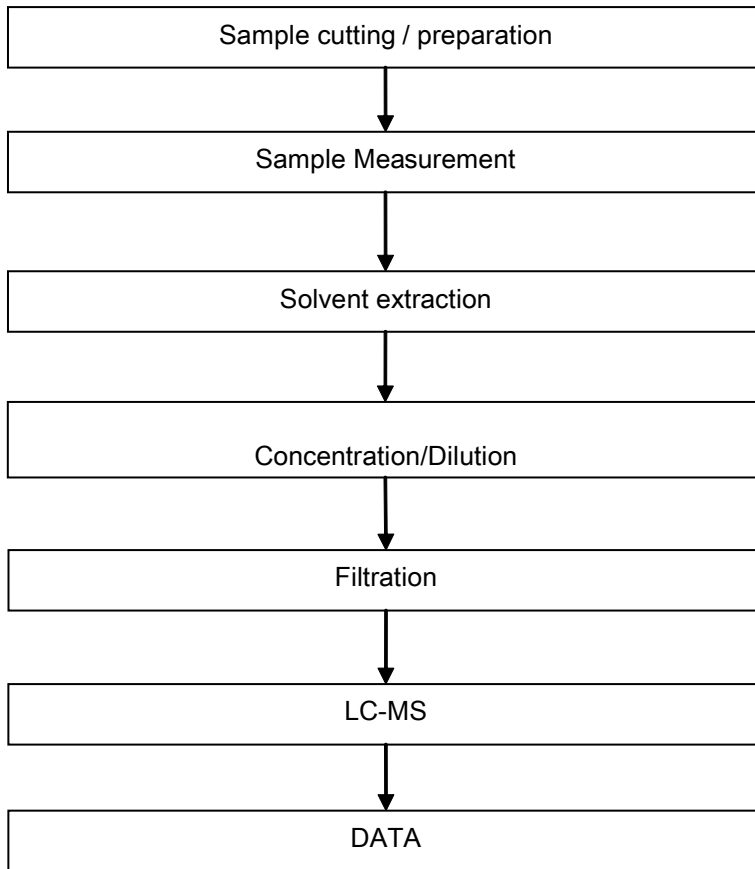
- 1) Name of the person who made testing: Sunny Hu
- 2) Name of the person in charge of testing: Qiong Liu



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PFOA / PFOS Testing Flow Chart

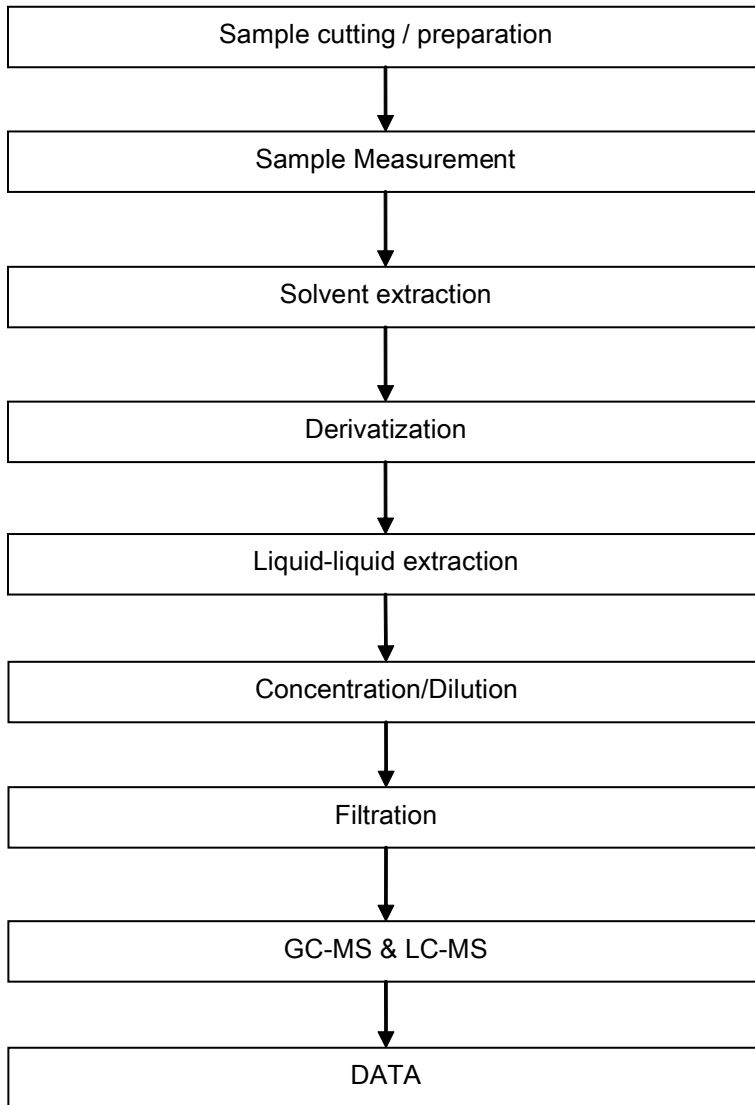
- 1) Name of the person who made testing: Zhihong Wang
- 2) Name of the person in charge of testing: Qiong Liu



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TBBP-A Testing Flow Chart

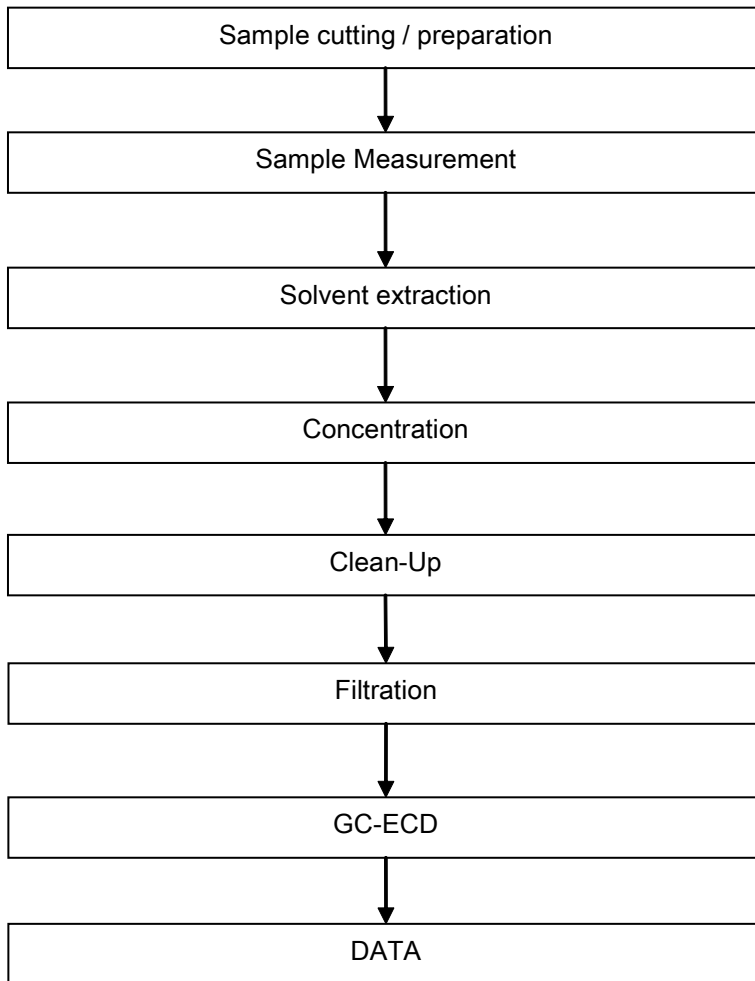
- 1) Name of the person who made testing: Judy Zhang
- 2) Name of the person in charge of testing: Qiong Liu



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SCCP/MCCP Testing Flow Chart

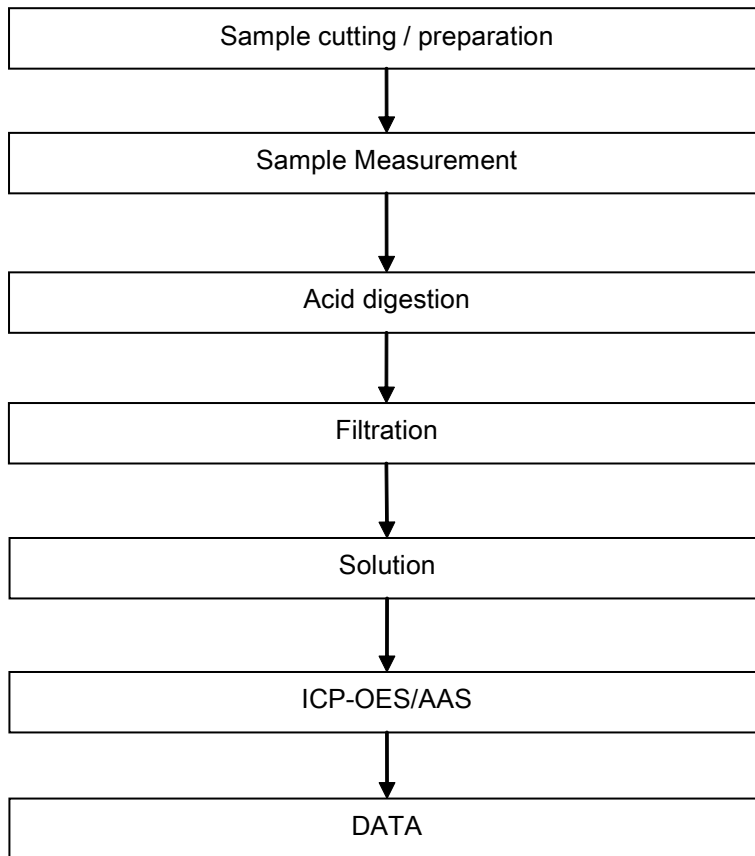
- 1) Name of the person who made testing: Iris Zhong
- 2) Name of the person in charge of testing: Lireny Liu



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Elementary Testing Flow Chart

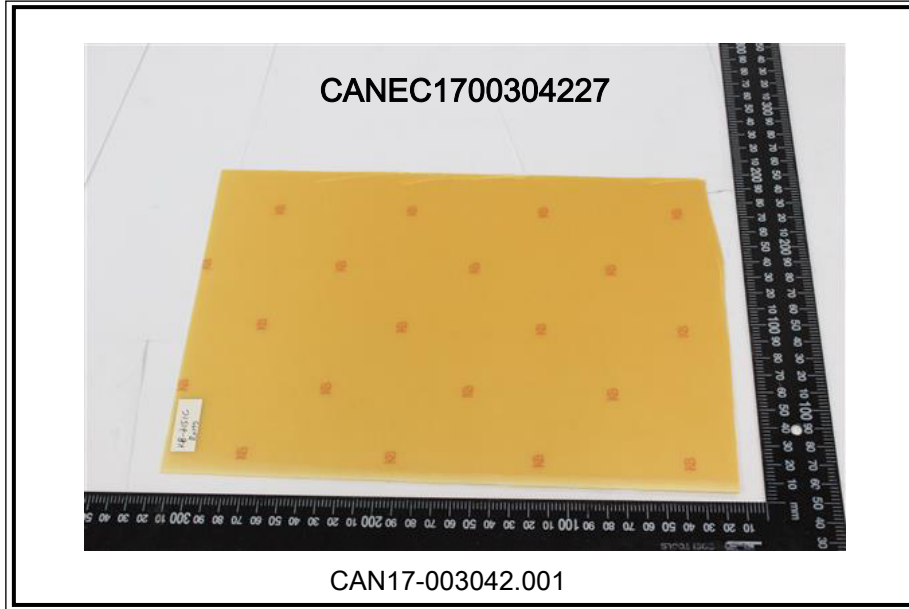
- 1) Name of the person who made testing: Edith Zhang
- 2) Name of the person in charge of testing: Bella Wang



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Sample photo:



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