承　認　書

客戶名稱	鈺緯科技	品名規格	
客戶料號	3KH00283000(K1164)	穩德料号	
使用機型		成品單重	
認可日期	2023年10月27日	材料種類	

客戶簽認		
設計驗證 工程課 2023.11.17 發行 鈺緯科技開發股份有限公司		
核　准	核對	經辦

廠商簽認		
核　准	核 對	經 辦
	陳熙偉	曾貴梅

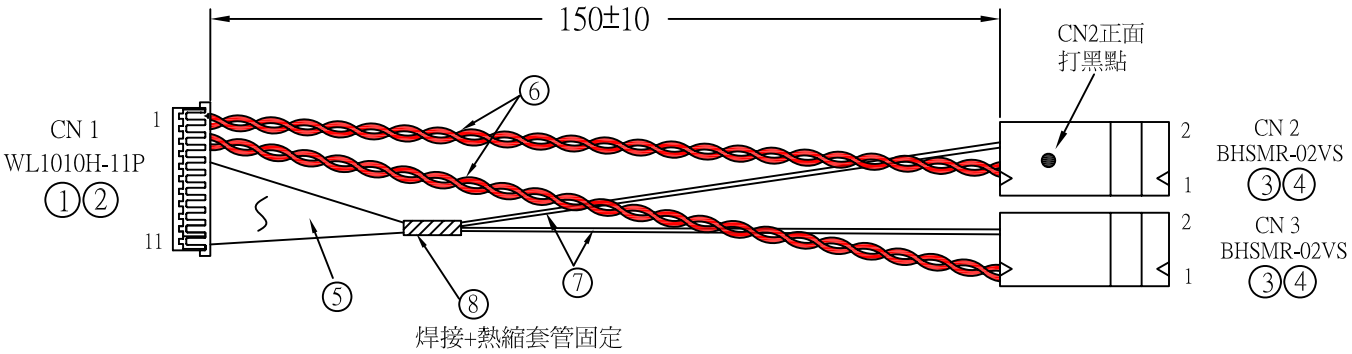
东莞穩德電子有限公司

地址：廣東省東莞市虎門鎮新聯高科技工業區

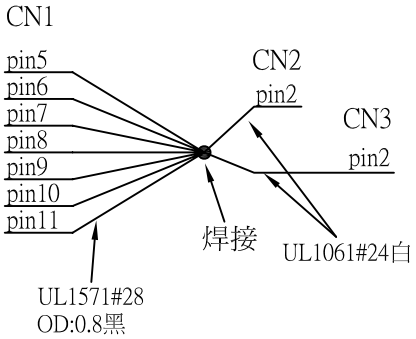
TEL:(0769)85509740　　FAX:(0769)85504618

http://www.wentek.com.tw　　E-mail:sales@dgwender.com.cn

DRAWING:
(成品圖)



	CN 1	COLOR	CN 2	CN 3	
對絞	1	紅	1		并打
	2	紅			
對絞	3	紅		1	并打
	4	紅			
	5,6,7,8 9,10,11	黑	2	2	



備註:
1.裁線長度: 1.3 x 60 x 5.0
5.0 x 102 x 2.0
1.3 x 168 x 2.0 (絞線)
2.測試條件:
>測試電壓:300 V.DC.
>導通阻抗:2Ω(MAX).
>絕緣阻抗:20MΩ(MIN).

設計驗證
工程課
2023.11.17
發行
鈺緯科技開發股份有限公司

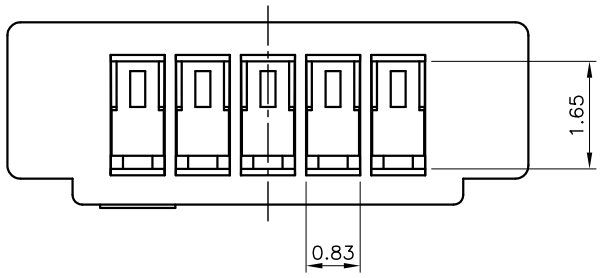
NO. 項次	Description 規格說明	Unit 單位	Q"TY 單用量	Remark 備注
8	黑色熱縮套管φ3.0x20	PCS	1	領飛
7	UL1061#24 白 L=102	PCS	2	眾達
6	UL1571#28 OD:0.8 紅 L=168	PCS	4	眾達
5	UL1571#28 OD:0.8 黑 L=60	PCS	7	眾達
4	TER:SBHSM-002T-P0.5	PCS	4	JST
3	HSG:BHSMR-02VS	PCS	2	JST
2	TER: WL1010-T-T-S	PCS	11	WL
1	HSG: WL1010H-11P	PCS	1	WL

No. 項次	Date 日期	Design Change Record 變更記錄	Confirm 確認

Approval 檢查規范				ISSUE NO. 版次	REV. A	Customer 客戶名稱	鈺緯科技
Approve 核准	Check 复核	Confirm 確認	Draw By 繪圖		Unit : mm 單位	Drawing No. 品名	
				A	Scale : 比例	PART NO. 料號	(K1164) 3KH00283000
					2023.10.27	DRAW NO. 繪圖編號	

WEN DE ELECTRONICS CO.,LTD.

Q-008B



P/N LEGEND

1010 –H–xx P B –xx

HSG

Hole or Pin Number

Pin

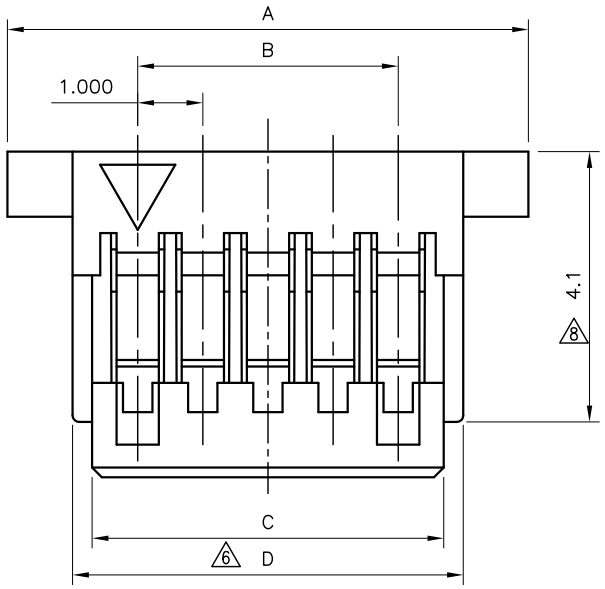
None: White ⚠7

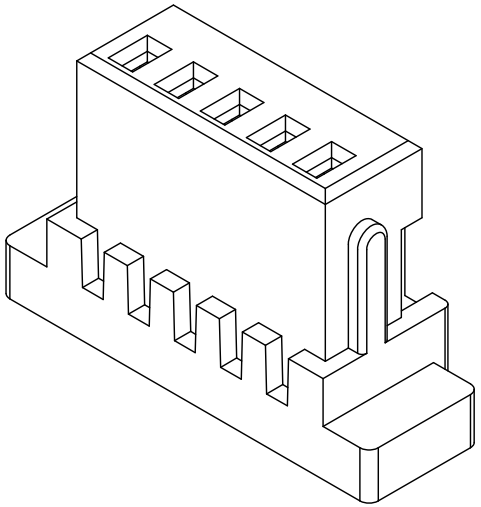
B: Black

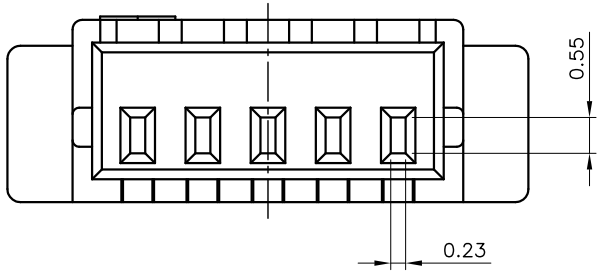
HF: Halogen Free

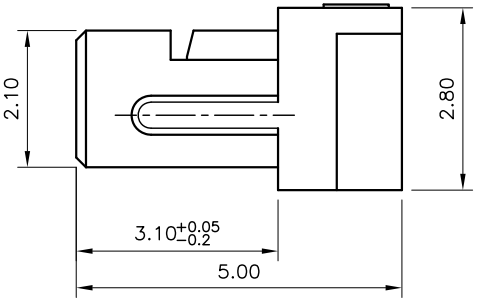
■ HOUSING

- Part No: 1010-H-xxx-xx
- Material: PBT, UL 94V-0
  Nylon 66, UL 94V-0, Halogen Free
- Color: White, Black
- Pitch: 1.00mm (.039")
- Poles: 2~30
- Accepts terminals : 1010-T-T-S,
  1010-T-T-S-2
  1010-G-P
  1010-G-P-2









CIRCUITS	DIMENSION				CIRCUITS	DIMENSION			
	A	B	C	D		A	B	C	D
2	5.0	1.00	2.40	3.00	14	17.0	13.00	14.40	15.00
3	6.0	2.00	3.40	4.00	15	18.0	14.00	15.40	16.00
4	7.0	3.00	4.40	5.00	16	19.0	15.00	16.40	17.00
5	8.0	4.00	5.40	6.00	17	20.0	16.00	17.40	18.00
6	9.0	5.00	6.40	7.00	18	21.0	17.00	18.40	19.00
7	10.0	6.00	7.40	8.00	19	22.0	18.00	19.40	20.00
8	11.0	7.00	8.40	9.00	20	23.0	19.00	20.40	21.00
9	12.0	8.00	9.40	10.00	22	25.0	21.00	22.40	23.00
10	13.0	9.00	10.40	11.00	24	27.0	23.00	24.40	25.00
11	14.0	10.00	11.40	12.00	26	29.0	25.00	26.40	27.00
12	15.0	11.00	12.40	13.00	30	33.0	29.00	30.40	31.00
13	16.0	12.00	13.40	14.00					

LTR	DESCRIPTION	DATE	BY	CHKD
REVISIONS				
⚠8 x1	ADD	2013.01.30	JOHNSON	Da-Lin
⚠7 x1	x: White => None: White	2013.01.10	JOHNSON	Da-Lin
⚠6 x1	ADD	2012.08.22	JOHNSON	Da-Lin

TOLERANCES UNLESS NOTED				
LINEAR ±	.x ±0.3 .xx ±0.15 .xxx±0.08	DWN	JOHNSON	2011.01.05
ANGLES ±	2°	DSND	JOHNSON	2011.01.05
		CHKD	M.Y.WU	2011.01.06
		APVD	Da-Lin	2011.01.06

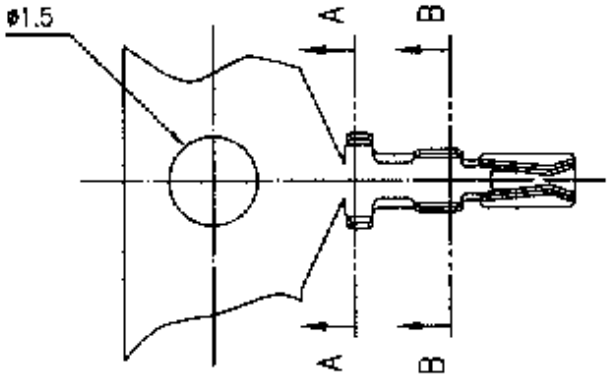
WELL–LIN ENTERPRISE CO., LTD.

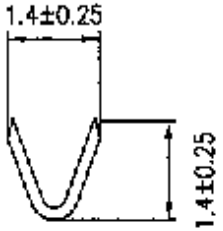
PROJECTION		PART NO.	1010–H–xxx–xx
SCALE	8/1	UNIT	mm
SIZE	A4	SHEET	1/1
TITLE	1.00mm Wire to Board Connector		
DWN. NO.	A–1010–H	REV.	I

2005年5月25日修正

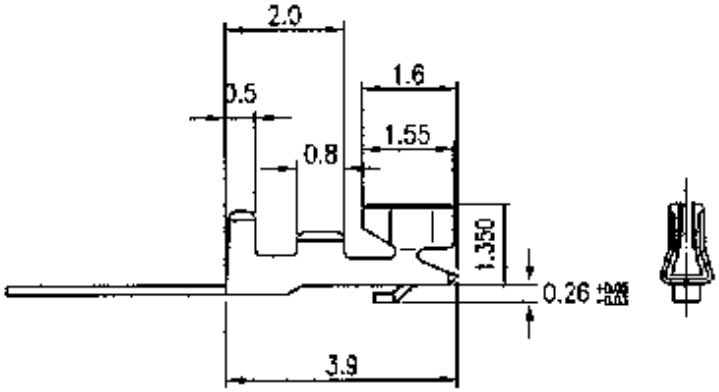
■ TERMINAL

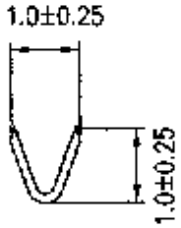
- Part No: WL1010-T-T-S, WL1010-G-P
- Material: Phos. bronze
- Thickness: 0.12mm
- Plating: Tin plated 60u", Gold
- Wire Range: Suitable for AWG#28~32
- Insulation O.D: 0.8mm (max)
- Q'TY: 15,000 pcs/roll
- Accepts housing : WL1010H, WL1011H





A–A SECTION





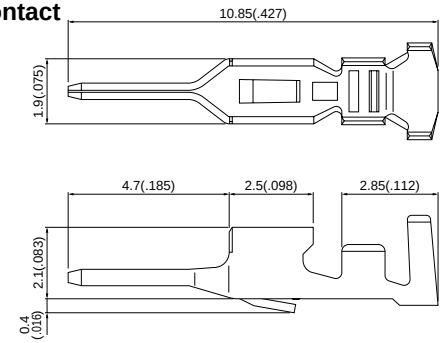
B–B SECTION

REVISIONS			
REV	DESCRIPTION	BY	DATE
1	PRIMARILY		
2	STOPPER HIGHT		ISSUED/15

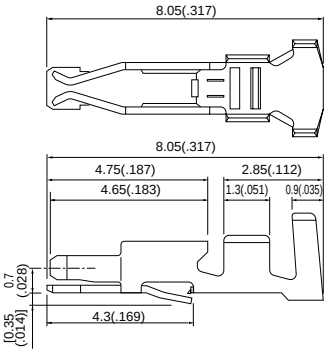
MATERIAL		WELL-LIN ENTERPRISE CO., LTD.	
SURFACE TREATMENT		SI Metric A3	PART NO. WL1010-T
TOLERANCES UNLESS NOTED		THIRD ANGLE PROJECTION	TITLE MINI-CRIMP 1.0mm TERMINAL
LINEAR ±	.0 ±0.25 .00 ±0.15 .000±0.08		DESIGNER 03/03/00
ANGLES ±	2'	SCALE 10/1 SHEET 1 OF 1	CHECKED
			APPROVED

Contact

Pin contact



Socket contact



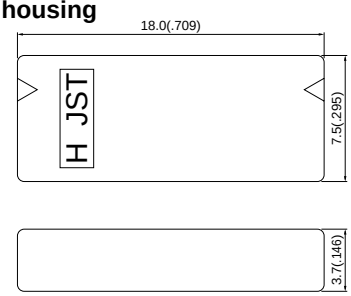
Model No.		Applicable wire		Insulation O.D. mm(in.)		Q'ty / reel	
Pin contact	Socket contact	mm²	AWG #	Pin contact	Socket contact	Pin contact	Socket contact
SBHSM-002T-P0.5	**SBHS-002T-P0.5A**	0.08 to 0.22	28 to 24	0.9 to 1.8(.035 to .071)	0.9 to 1.7(.035 to .067)	5,000	10,000

Material and Finish
Phosphor bronze, tin-plated

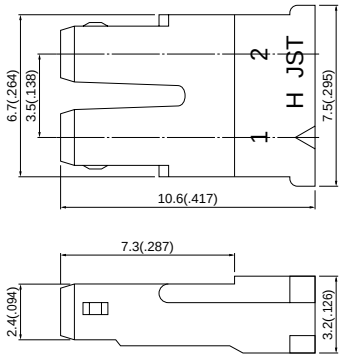
Note: Contact JST for SBHS-002T-P0.5.

Housing

Receptacle housing



Socket housing

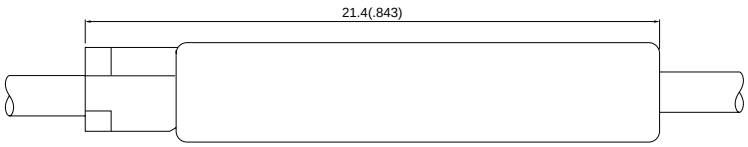


Model No.		Q'ty / bag
Receptacle housing	Socket housing	
BHSMR-02VS	**BHSR-02VS-1(N)**	1,000

Material
Nylon 66, UL94V-0, natural (white)

Note: Contact JST for BHSR-02VS-1.

Assembly layout



Applicator for the semi-automatic press AP-K2N

Contact	Crimp applicator MKS-L		Compact crimp applicator MKS-LS		Strip-crimp applicator MKS-SC
	with safety cover	without safety cover	with safety cover	without safety cover	with safety cover
SBHS-002T-P0.5A	APLMK SBHS002-05	APLNC SBHS002-05	–	–	–
SBHSM-002T-P0.5	APLMK SBHSM002-05	APLNC SBHSM002-05	–	–	–

UL 1571 HOOK-UP WIRE
80℃ 30V PVC 電子線

UL Subject 758

UL FILE NO：E309338

▲說明：

- 導體使用單條或絞線最少至 50AWG 裸銅或鍍錫銅
- PVC 絕緣
- 額定溫度：80℃，額定電壓：30 Volts
- 使用標準厚度,易剝,截斷容易
- 可通過 UL 垂直型耐燃測試

Product Description:

- Tinned,annealed,stranded or Solid copper conductor,MIN,50AWG
- Color-coded PVC insulation
- Rated temperature: 80℃,Rated voltage: 30 Volts
- Uniform thickness of wire to ensure easy stripping and cutting
- Passed UL VW-1 vertical flame test

▲ 應用：

- 電子設備二次回路中內部連接用線。

Applications:

- Internal wiring of class 2circuits electronic epuipment

構造和電氣性能

Structure & electric properties



UL 1571	額 定 Range		導 體 Conducor		絕 緣 體 Insulation		公差值 Tolerance mm	最大導體阻抗 Maximum Conductor Resistance Ω/km	最小絕緣阻抗 Minimum Insulation Resistance MΩ/km	絕緣耐電壓 (VAC/min) Insulation Potential Strength
	溫度 Temp °C	電壓 Voltage V	線號 AWG	構成 No./mm	厚度 Thickness mm	外徑 O.D. mm				
多芯線 Stranded	80°C	30V	28	7/0.127	0.20	0.80	±0.05	248	15	500

UL 1571 HOOK-UP WIRE
80℃ 30V PVC 電子線

UL Subject 758 UL FILE NO：E309338

STYLE			UL 1571		CSA
RATING TEMP / VOLT			80℃/30V		
CONDUCTOR	SIZE		AWG	28	
	NUMBER		NO.	7	
	DIAMETER		MM	0.127	
	MIN.DIAMETER		MM	0.117	
	CROSS SEC AREA OF COND	AVG.	CM	253	
		MIN		248	
	LAY OF BUNCH		INCH	0.50	
	MAX.RESISTANCE		Ω/KM	248	
INSULATION	O.D.(±0.05)		MM	0.80	
	INSULATION THICKNESS	AVG	MIL	8	
		MIN		6	
	JACKET THICKNESS	AVG	MIL		
		MI			
ADHESIVE TEST			KG		
INSULATION RESISTANCE			MΩ/KM	15	
SPARK TEST			KV	2	
ELONGATION			%	100	
TENSIL STRENGTH			PSI	1500	
ELO.(AFTER AGING)			%	OF UNAGED 65	
TEN.ST.(AFTER AGING)			%	OF UNAGED 70	
AGING TEMP TIME				113℃/168HRS	
OIL LMMERSION TEST					
FIAME TEST				VW-1	
HEAT SHOCK TEST				121℃/1HR 1.60MM MANDREL	
DEFORMATION TEST				113℃/1HR 50%	
COLD BEND TEST				-10℃/1HR 0.4MM MANDREL	
INSULATION POTENTIALST				500VAC/MIN	

印 字 內 容：c AWM 1571 VW-1 80°C 30V E309338 （28）AWG KAI TAT CO -LF-

UL 1061 HOOK-UP WIRE
80℃ 300V PVC 半硬质 PVC 電子線

UL Subject 758

UL FILE NO：E309338

▲說明：

- 導體使用單條或絞線 30-16AWG 裸銅或鍍錫銅
- 半硬質 PVC 絕緣
- 額定溫度：80°C，額定電壓：300 Volts
- 使用標準厚度,易剝,截斷容易
- 可通過 UL VW-1 及 CSA FT1，垂直型耐燃測試

Product Description:

- Solid or stranded,tinned or bare copper conductor,30-16AWG
- Color-coded semi-rigid PVC insulation
- Rated temperature: 80°C,Rated voltage: 300 Volts
- Uniform thickness of wire to ensure easy stripping and cutting
- Passed UL VW-1 & CSA FT1 vertical flame test

▲ 應用：

●電子設備設備內部配線。

Applications:

●Internal wiring in electronic equipments

構造和電氣性能

Structure & electric properties



UL 1061 CSA TR-64	額定 Range		導體 Conducor		絕緣體 Insulation		公差值 Tolerance mm	最大導體阻抗 Maximum Conductor Resistance Ω/km	最小絕緣阻抗 Minimum Insulation Resistance Ω/km	絕緣耐電壓 (VAC/min) Insulation Potential Strength
	溫度 Temp °C	電壓 Voltage V	線號 AWG	構成 No./mm	厚度 Thickness mm	外徑 O.D. mm				
多芯線 Stranded	80°C	300V	30	7/0.100	0.23	0.80	±0.05	397.0	15	2000
			28	7/0.127	0.23	0.90	±0.05	248.0		
			26	7/0.160	0.23	1.00	±0.05	152.0		
			24	11/0.16	0.23	1.15	±0.10	88.6		
			22	**17/0.16**	**0.23**	**1.30**	**±0.10**	**62.5**		
			20	21/0.18	0.23	1.50	±0.10	39.5		
			18	34/0.18	0.23	1.70	±0.10	24.4		
			16	26/0.25	0.23	2.00	±0.10	15.6		
先绞后镀 Top-Coated (ATC)			28	7/0.127	0.23	0.90	±0.10	248.0		
			26	7/0.160	0.23	1.00	±0.10	152.0		
			24	7/0.200	0.23	1.15	±0.10	88.6		
			22	7/0.254	0.23	1.30	±0.10	62.5		
單芯線 Solid(TA)			28	7/0.320	0.23	0.85	±0.10	232.1		
			26	1/0.404	0.23	0.90	±0.10	155.0		
			24	1/0.511	0.23	1.10	±0.10	92.4		
			20	1/0.643	0.23	1.15	±0.10	60.1		

UL 1061 HOOK-UP WIRE
80℃ 300V PVC 半硬质 PVC 電子線

UL Subject758 UL FILE NO：E309338

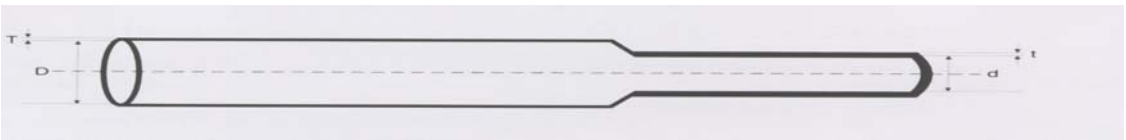
STYLE			UL 1061							
RATING TEMP / VOLT			80℃/300V							
	SIZE	AWG	28	26	24	**22**	20	18	16	SAME AS UL
	NUMBER	NO.	7	7	11	**17**	21	34	26	
	DIAMETER	MM	0.127	0.160	0.160	**0.160**	0.180	0.180	0.254	
	MIN.DIAMETER	MM	0.117	0.150	0.150	**0.150**	0.170	0.170	0.244	
	CROSS SEC AREA OF COND AVG.	C.M	159	253	404	**640**	1020	1620	2580	
	CROSS SEC AREA OF COND MIN.	C.M	156	248	392	**621**	989	1571	2503	
	LAY OF BUNCH	INCH	0.50	0.60	0.70	**0.80**	1.25	2.00	2.00	
	MAX.RESISTANCE	Ω /KM	248	152	88.66	**62.5**	39.5	24.4	15.6	
INSULATION	O.D.(±0.10)	MM	0.90	1.00	1.15	**1.30**	1.50	1.70	2.00	
INSULATION	INSULATION THICKNESS AVG	MIL	9							9
INSULATION	INSULATION THICKNESS MIN	MIL	7							7
INSULATION	JACKET THICKNESS AVG	MIL								
INSULATION	JACKET THICKNESS MI	MIL								
INSULATION RESISTANCE		MΩ/KM	15							
SPARK TEST		KV	2							4
ELONGATION		%	100 (SPEED 2inch/min)							
TENSIL STRENGTH		PSI	3000							
ELO.(AFTER AGING)		%	OF UNAGED 70							75
TEN.ST.(AFTER AGING)		%	OF UNAGED 70							75
AGING TEMP TIME			113℃/168HRS							121℃/168HRS
FIAME TEST			VW-1							FT1
HEAT SHOCK TEST			121℃/1HR 1.60MM MANDREL							
DEFORMATION TEST			113℃/1HR 500G(24,22,20AWG);250G(26,28AWG) 50%							
COLD BEND TEST			-10℃/1HR 1.6MM MANDREL							
INSULATION POTENTIALST			2KVAC/MIN							

印 字 内 容： AWM 1061 VW-1 80° C 300V E309338 （32-16）AWG KAI TAT CO AWM I A SR-PVC 90° C 300V （32-16）AWG FT1 -LF-

标准型(S-901)热缩套管尺寸检验标准

产品规格	收缩前尺寸(mm)		完全收缩后尺寸(mm)		包装长度 M
	内径(D)	壁厚(T)	内径(D)	壁厚(T)	
Φ0.8	0.9±0.2	0.15±0.08	≤0.4	0.30±0.06	400±2
Φ1.0	1.5±0.2	0.15±0.08	≤0.6	0.36±0.06	400±2
Φ1.5	2.0±0.2	0.18±0.08	≤0.8	0.40±0.08	400±2
Φ2.0	2.5±0.2	0.18±0.08	≤1.00	0.42±0.08	400±2
Φ2.5	3.0±0.2	0.18±0.08	≤1.25	0.42±0.08	400±2
Φ3.0	3.5±0.3	0.22±0.10	≤1.5	0.46±0.08	400±2
Φ3.5	4.0±0.3	0.25±0.10	≤1.75	0.46±0.08	400±2
Φ4.0	4.5±0.3	0.25±0.10	≤2.0	0.48±0.08	400±2
Φ4.5	5.0±0.3	0.25±0.10	≤2.25	0.50±0.10	400±1
Φ5.0	5.5±0.4	0.25±0.10	≤2.5	0.50±0.10	200±1
Φ6.0	6.5±0.4	0.28±0.12	≤3.0	0.56±0.10	200±1
Φ6.5	7.0±0.4	0.28±0.12	≤3.25	0.56±0.10	200±1
Φ7.0	7.5±0.4	0.28±0.12	≤3.5	0.58±0.10	100±1
Φ8.0	8.5±0.5	0.28±0.12	≤4.0	0.60±0.10	100±1
Φ9.0	9.5±0.5	0.30±0.12	≤4.5	0.60±0.10	100±1
Φ10	10.5±0.5	0.30±0.12	≤5.0	0.60±0.10	100±1
Φ11	11.5±0.5	0.30±0.12	≤5.5	0.60±0.10	100±1
Φ12	12.5±0.5	0.30±0.12	≤6.0	0.60±0.10	100±1
Φ13	13.5±0.5	0.35±0.12	≤6.5	0.65±0.12	100±1
Φ14	14.5±0.5	0.35±0.12	≤7.0	0.65±0.12	100±1
Φ15	15.5±0.5	0.40±0.12	≤7.5	0.65±0.12	100±1
Φ16	16.5±0.5	0.36±0.12	≤8.0	0.65±0.12	50±0.5
Φ17	17.5±0.5	0.36±0.12	≤8.5	0.65±0.12	50±0.5
Φ18	18.7±0.6	0.40±0.15	≤9.0	0.70±0.12	50±0.5
Φ20	20.6±0.6	0.40±0.15	≤10.0	0.75±0.15	50±0.5
Φ22	22.7±0.6	0.40±0.15	≤11.0	0.80±0.15	50±0.5
Φ25	25.5±0.7	0.40±0.15	≤12.5	0.90±0.15	50±0.5
Φ28	29.0±0.7	0.45±0.20	≤14.0	0.95±0.15	50±0.5
Φ30	31.0±0.7	0.45±0.20	≤15.0	0.95±0.15	50±0.5
Φ35	36.0±1.0	0.50±0.22	≤17.5	1.00±0.20	50±0.5
Φ40	41.0±1.0	0.55±0.25	≤20.0	1.10±0.25	50±0.5
Φ45	46.0±1.0	0.55±0.25	≤22.5	1.10±0.25	50±0.5
Φ50	51.5±1.5	0.60±0.25	≤26.0	1.20±0.25	50±0.5
Φ55	≥55	0.60±0.25	≤28.0	1.20±0.25	50±0.5
Φ60	≥60	0.60±0.25	≤30.0	1.20±0.25	50±0.5
Φ70	≥70	0.70±0.30	≤35.0	1.45±0.25	50±0.5
Φ80	≥80	0.70±0.30	≤40.0	1.45±0.25	50±0.5
Φ95	≥95	0.70±0.30	≤45.0	1.45±0.25	50±0.5
Φ100	≥100	0.70±0.30	≤50.0	1.45±0.25	50±0.5

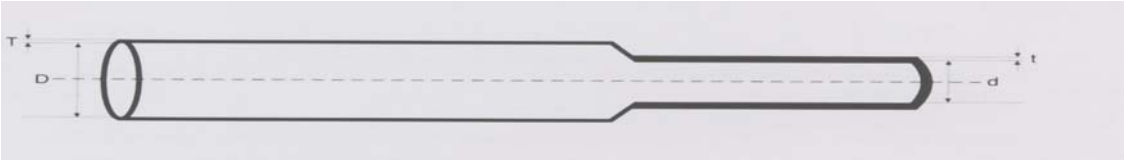
附产品图示:



薄壁型(S-901A)热缩套管尺寸检验标准

产品规格	收缩前尺寸(mm)		完全收缩后尺寸(mm)		包装长度 M
	内径(D)	壁厚(T)	内径(D)	壁厚(T)	
Φ0.5	0.7±0.2	0.09±0.05	≤0.4	0.22±0.06	400±2
Φ0.6	0.8±0.2	0.12±0.05	≤0.4	0.22±0.06	400±2
Φ0.8	0.9±0.2	0.12±0.05	≤0.4	0.25±0.06	400±2
Φ1.0	1.5±0.2	0.10±0.05	≤0.6	0.25±0.06	400±2
Φ1.5	2.0±0.2	0.10±0.05	≤0.8	0.25±0.06	400±2
Φ2.0	2.5±0.2	0.13±0.06	≤1.00	0.28±0.06	400±2
Φ2.5	3.0±0.2	0.15±0.06	≤1.25	0.28±0.06	400±2
Φ3.0	3.5±0.3	0.15±0.06	≤1.5	0.30±0.06	400±2
Φ3.5	4.0±0.3	0.15±0.06	≤1.75	0.30±0.06	400±2
Φ4.0	4.5±0.3	0.15±0.06	≤2.0	0.30±0.06	400±2
Φ4.5	5.0±0.3	0.15±0.06	≤2.25	0.30±0.06	400±1
Φ5.0	5.5±0.4	0.15±0.06	≤2.5	0.30±0.06	200±1
Φ6.0	6.5±0.4	0.15±0.06	≤3.0	0.30±0.06	200±1
Φ7.0	7.5±0.4	0.18±0.08	≤3.5	0.36±0.08	200±1
Φ8.0	8.5±0.5	0.18±0.08	≤4.0	0.36±0.08	200±1
Φ9.0	9.5±0.5	0.18±0.08	≤4.5	0.36±0.08	200±1
Φ10	10.5±0.5	0.18±0.08	≤5.0	0.36±0.08	200±1
Φ11	11.5±0.5	0.18±0.08	≤5.5	0.36±0.08	200±1
Φ12	12.5±0.5	0.18±0.08	≤6.0	0.36±0.08	100±1
Φ13	13.5±0.5	0.20±0.08	≤6.5	0.40±0.10	100±1
Φ14	14.5±0.5	0.20±0.08	≤7.0	0.40±0.10	100±1
Φ15	15.5±0.5	0.20±0.08	≤7.5	0.40±0.10	100±1

附产品图示:



说明：我公司生产的热缩套管**产品铅、镉、汞、六价铬、PBB、PBDE等环境管理物质含量**符合欧盟 **RoHS** 指令和 **SONY SS-00259** 环境技术标准，其中黑色热缩套管是无卤环保产品。

測試報告
Test Report

號碼(No.): ETR22C00342　　日期(Date): 09-Dec-2022　　

維林企業有限公司 (WELL-LIN ENTERPRISE CO., LTD.)
新北市新店區寶橋路235巷12號8樓 (8F, NO. 12, LANE 235, PAO CHIAO RD., XINDIAN, NEW TAIPEI CITY, TAIWAN)

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by the applicant as)：

送樣廠商(Sample Submitted By)　：　維林企業有限公司 (WELL-LIN ENTERPRISE CO., LTD.)
樣品名稱(Sample Name)　：　PHOSPHOR BRONZE (磷青銅)

==========

收件日(Sample Receiving Date)　：　02-Dec-2022
測試期間(Testing Period)　：　02-Dec-2022 to 09-Dec-2022

測試需求(Test Requested)　：　依據客戶指定，參考RoHS 2011/65/EU Annex II及其修訂指令(EU) 2015/863測試鎘、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP, BBP, DEHP, DIBP。 (As specified by client, with reference to RoHS 2011/65/EU Annex II and amending Directive (EU) 2015/863 to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP contents in the submitted sample(s).)

測試結果(Test Results)　：　請參閱下一頁 (Please refer to following pages.)

結　論(Conclusion)　：　根據客戶所提供的樣品，其鎘、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP, BBP, DEHP, DIBP的測試結果符合RoHS 2011/65/EU Annex II暨其修訂指令(EU) 2015/863之限值要求。 (Based on the performed tests on submitted sample(s), the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.)

Troy Chang / Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei

CHECK REPORT
PIN CODE: 549ADADC

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測試報告
Test Report

維林企業有限公司 (WELL-LIN ENTERPRISE CO., LTD.)
新北市新店區寶橋路235巷12號8樓 (8F, NO. 12, LANE 235, PAO CHIAO RD., XINDIAN, NEW TAIPEI CITY, TAIWAN)

測試部位敘述 (Test Part Description)

No.1 : 銅色金屬 (COPPER COLORED METAL)

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)	限值 (Limit)
				No.1	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013，以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439-92-1)		mg/kg	2	22.3	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013+ AMD1: 2017，以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	1000
六價鉻 (Hexavalent Chromium) Cr(VI) (CAS No.: 18540-29-9) (#2)	參考IEC 62321-7-1: 2015，以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-1: 2015, analysis was performed by UV-VIS.)	μg/cm²	0.1	n.d.	-
一溴聯苯 (Monobromobiphenyl)	參考IEC 62321-6: 2015，以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.	-
二溴聯苯 (Dibromobiphenyl)		mg/kg	5	n.d.	-
三溴聯苯 (Tribromobiphenyl)		mg/kg	5	n.d.	-
四溴聯苯 (Tetrabromobiphenyl)		mg/kg	5	n.d.	-
五溴聯苯 (Pentabromobiphenyl)		mg/kg	5	n.d.	-
六溴聯苯 (Hexabromobiphenyl)		mg/kg	5	n.d.	-
七溴聯苯 (Heptabromobiphenyl)		mg/kg	5	n.d.	-
八溴聯苯 (Octabromobiphenyl)		mg/kg	5	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	-
十溴聯苯 (Decabromobiphenyl)		mg/kg	5	n.d.	-
多溴聯苯總和 (Sum of PBBs)		mg/kg	-	n.d.	1000

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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.1	限值 (Limit)
一溴聯苯醚 (Monobromodiphenyl ether)	參考IEC 62321-6: 2015，以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)		mg/kg	5	n.d.	-
三溴聯苯醚 (Tribromodiphenyl ether)		mg/kg	5	n.d.	-
四溴聯苯醚 (Tetrabromodiphenyl ether)		mg/kg	5	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	5	n.d.	-
六溴聯苯醚 (Hexabromodiphenyl ether)		mg/kg	5	n.d.	-
七溴聯苯醚 (Heptabromodiphenyl ether)		mg/kg	5	n.d.	-
八溴聯苯醚 (Octabromodiphenyl ether)		mg/kg	5	n.d.	-
九溴聯苯醚 (Nonabromodiphenyl ether)		mg/kg	5	n.d.	-
十溴聯苯醚 (Decabromodiphenyl ether)		mg/kg	5	n.d.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	1000
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85-68-7)	參考IEC 62321-8: 2017，以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)		mg/kg	50	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)		mg/kg	50	n.d.	1000
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP)) (CAS No.: 117-81-7)		mg/kg	50	n.d.	1000

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備註(Note)：

1. mg/kg = ppm；0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出)；小於MDL / Less than MDL
4. "-" = Not Regulated (無規格值)
5. (#2) =
   a. 當六價鉻結果大於0.13 μg/cm²，表示樣品表層含有六價鉻。(The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 μg/cm². The sample coating is considered to contain Cr(VI).)
   b. 當六價鉻結果為n.d. (濃度小於0.10 μg/cm²)，表示表層不含六價鉻。(The sample is negative for Cr(VI) if Cr(VI) is n.d. (concentration less than 0.10 μg/cm²). The coating is considered a non-Cr(VI) based coating)
   c. 當六價鉻結果介於 0.10 及 0.13 μg/cm² 時，無法確定塗層是否含有六價鉻。(The result between 0.10 μg/cm² and 0.13 μg/cm² is considered to be inconclusive - unavoidable coating variations may influence the determination.)
6. 除非另有說明，參照ILAC-G8:09/2019，採用簡單二元(w=0)允收規則進行符合性判定；根據此規則，符合性結果之判定係以測試結果與限值做比較。(Unless otherwise stated , the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.)

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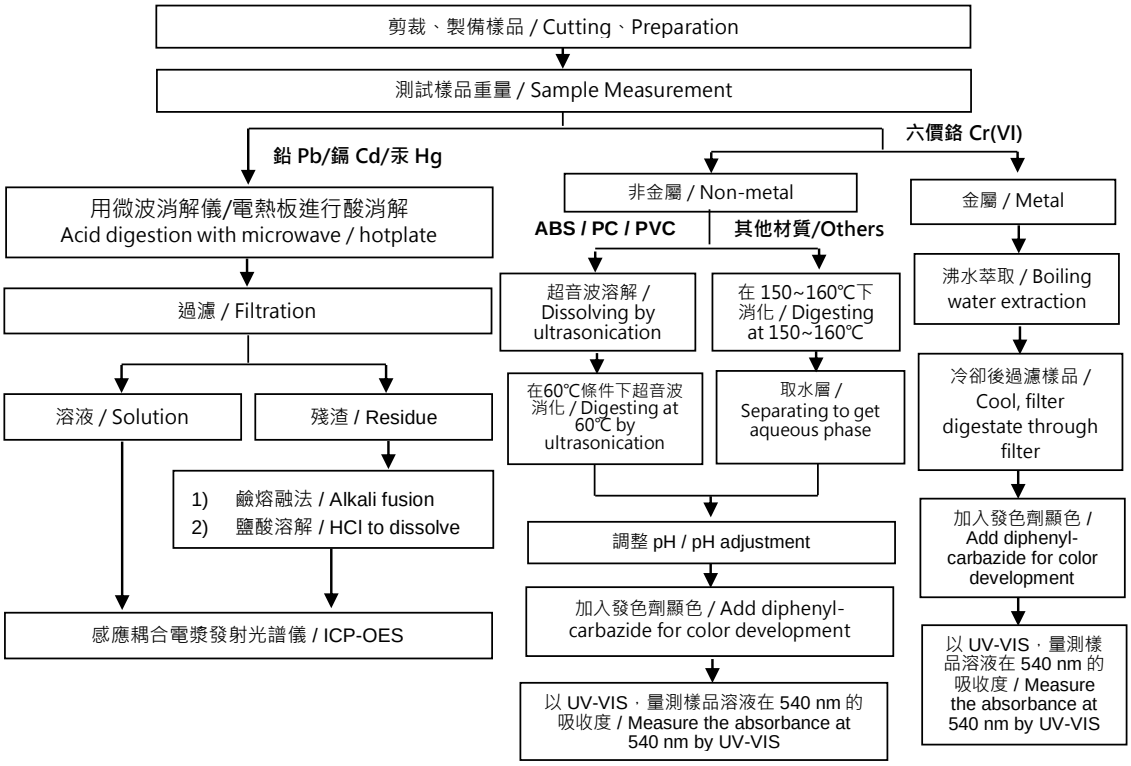
新北市新店區寶橋路235巷12號8樓 (8F, NO. 12, LANE 235, PAO CHIAO RD., XINDIAN, NEW TAIPEI CITY, TAIWAN)

重金屬流程圖 / Analytical flow chart of Heavy Metal

根據以下的流程圖之條件，樣品已完全溶解。（六價鉻測試方法除外）

These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr^{6+} test method excluded)



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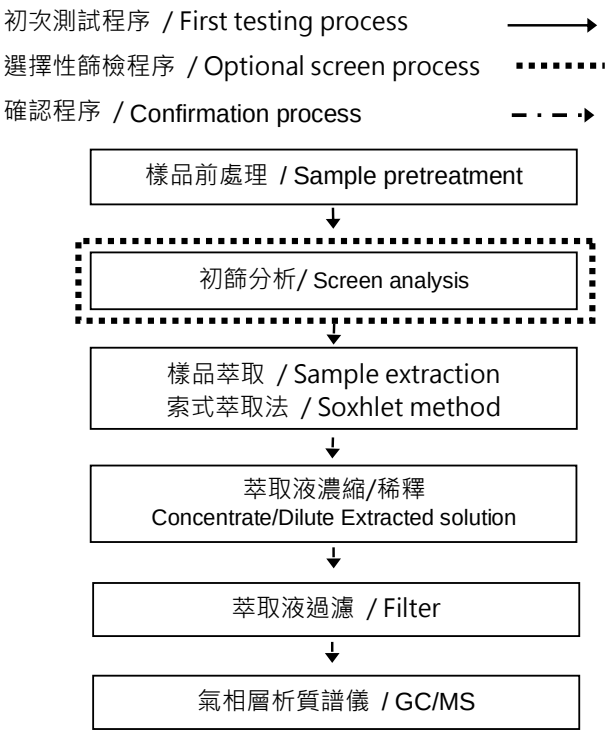
多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs



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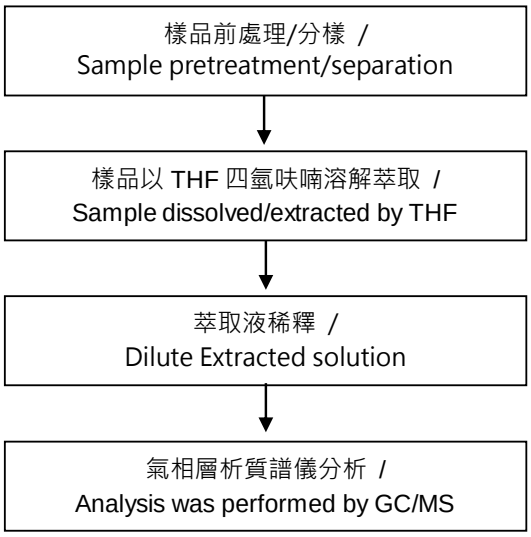
可塑劑分析流程圖 / Analytical flow chart - Phthalate

【測試方法/Test method: IEC 62321-8】



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測試報告
Test Report

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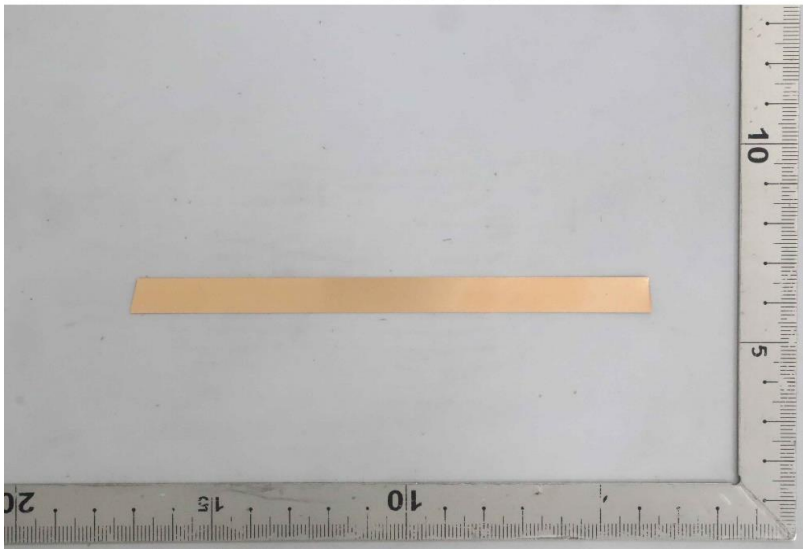
新北市新店區寶橋路235巷12號8樓 (8F, NO. 12, LANE 235, PAO CHIAO RD., XINDIAN, NEW TAIPEI CITY, TAIWAN)

*** 照片中如有箭頭標示，則表示為實際檢測之樣品/部位. ***
(The tested sample / part is marked by an arrow if it's shown on the photo.)

ETR22C00342



** 報告結尾 (End of Report) **

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測試報告
Test Report

號碼(No.): ETR23206769　　日期(Date): 07-Mar-2023　　頁數(Page): 1 of 10

維林企業有限公司 (WELL-LIN ENTERPRISE CO., LTD.)
新北市新店區寶橋路235巷12號8樓 (8F, NO. 12, LANE 235, PAO CHIAO RD., XINDIAN, NEW TAIPEI CITY, TAIWAN)

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by the applicant as)：

送樣廠商(Sample Submitted By)	:	維林企業有限公司 (WELL-LIN ENTERPRISE CO., LTD.)
樣品名稱(Sample Name)	:	尼龍樹脂 POLYAMIDE 46 (PA46), WHITE
樣品型號(Style/Item No.)	:	PA46

==========

收件日(Sample Receiving Date)	:	24-Feb-2023
測試期間(Testing Period)	:	24-Feb-2023 to 07-Mar-2023

測試需求(Test Requested) :

(1) 依據客戶指定，參考RoHS 2011/65/EU Annex II及其修訂指令(EU) 2015/863測試鎘、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP, BBP, DEHP, DIBP。 (As specified by client, with reference to RoHS 2011/65/EU Annex II and amending Directive (EU) 2015/863 to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP contents in the submitted sample(s).)

(2) 其他測試項目請見下一頁。 (Please refer to next pages for the other item(s).)

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages.)

結　論(Conclusion) :

(1) 根據客戶所提供的樣品，其鎘、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP, BBP, DEHP, DIBP的測試結果符合RoHS 2011/65/EU Annex II暨其修訂指令(EU) 2015/863之限值要求。 (Based on the performed tests on submitted sample(s), the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.)

Troy Chang / Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei

CHECK REPORT
PIN CODE: 0D74ABE7

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測試報告
Test Report

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測試部位敘述 (Test Part Description)

No.1 : 白色塑膠粒 (WHITE PLASTIC PELLETS)

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.1	限值 (Limit)
鎘 (Cd) (Cadmium (Cd))	參考IEC 62321-5: 2013，以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	100
鉛 (Pb) (Lead (Pb))	參考IEC 62321-5: 2013，以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	5.62	1000
汞 (Hg) (Mercury (Hg))	參考IEC 62321-4: 2013+ AMD1: 2017，以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI))	參考IEC 62321-7-2: 2017，以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	1000
一溴聯苯 (Monobromobiphenyl)	參考IEC 62321-6: 2015，以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.	-
二溴聯苯 (Dibromobiphenyl)		mg/kg	5	n.d.	-
三溴聯苯 (Tribromobiphenyl)		mg/kg	5	n.d.	-
四溴聯苯 (Tetrabromobiphenyl)		mg/kg	5	n.d.	-
五溴聯苯 (Pentabromobiphenyl)		mg/kg	5	n.d.	-
六溴聯苯 (Hexabromobiphenyl)		mg/kg	5	n.d.	-
七溴聯苯 (Heptabromobiphenyl)		mg/kg	5	n.d.	-
八溴聯苯 (Octabromobiphenyl)		mg/kg	5	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	-
十溴聯苯 (Decabromobiphenyl)		mg/kg	5	n.d.	-
多溴聯苯總和 (Sum of PBBs)		mg/kg	-	n.d.	1000

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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.1	限值 (Limit)
一溴聯苯醚 (Monobromodiphenyl ether)	參考IEC 62321-6: 2015，以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)		mg/kg	5	n.d.	-
三溴聯苯醚 (Tribromodiphenyl ether)		mg/kg	5	n.d.	-
四溴聯苯醚 (Tetrabromodiphenyl ether)		mg/kg	5	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	5	n.d.	-
六溴聯苯醚 (Hexabromodiphenyl ether)		mg/kg	5	n.d.	-
七溴聯苯醚 (Heptabromodiphenyl ether)		mg/kg	5	n.d.	-
八溴聯苯醚 (Octabromodiphenyl ether)		mg/kg	5	n.d.	-
九溴聯苯醚 (Nonabromodiphenyl ether)		mg/kg	5	n.d.	-
十溴聯苯醚 (Decabromodiphenyl ether)		mg/kg	5	n.d.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	1000
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP))	參考IEC 62321-8: 2017，以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP))		mg/kg	50	n.d.	1000
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP))		mg/kg	50	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP))		mg/kg	50	n.d.	1000
鄰苯二甲酸二異癸酯 (DIDP) (Diisodecyl phthalate (DIDP)) (CAS No.: 26761-40-0, 68515-49-1)		mg/kg	50	n.d.	-
鄰苯二甲酸二異壬酯 (DINP) (Diisononyl phthalate (DINP)) (CAS No.: 28553-12-0, 68515-48-0)		mg/kg	50	n.d.	-
鄰苯二甲酸二正辛酯 (DNOP) (Di-n-octyl phthalate (DNOP)) (CAS No.: 117-84-0)		mg/kg	50	n.d.	-
鄰苯二甲酸二環己酯 (DCHP) (Di-cyclohexyl phthalate (DCHP)) (CAS No.: 84-61-7)		mg/kg	50	n.d.	-

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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.1	限值 (Limit)
六溴環十二烷及所有主要被辨別出的異構物(HBCDD) (α- HBCDD, β- HBCDD, γ- HBCDD) (Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α- HBCDD, β- HBCDD, γ- HBCDD)) (CAS No.: 25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))	參考IEC 62321: 2008，以氣相層析儀/質譜儀分析。(With reference to IEC 62321: 2008, analysis was performed by GC/MS.)	mg/kg	5	n.d.	-
全氟辛烷磺酸及其鹽類 (PFOS and its salts) (CAS No.: 1763-23-1 and its salts)	參考US EPA 3550C: 2007，以液相層析串聯質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS/MS.)	mg/kg	10	n.d.	-
全氟辛酸及其鹽類 (PFOA and its salts) (CAS No.: 335-67-1 and its salts)	參考US EPA 3550C: 2007，以液相層析串聯質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS/MS.)	mg/kg	10	n.d.	-

備註(Note)：

1. mg/kg = ppm；0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出)；小於MDL / Less than MDL
4. "-" = Not Regulated (無規格值)
5. 全氟辛烷磺酸及其鹽類包含等物質 (PFOS and its salts including) :
   CAS No.: 1763-23-1, 2795-39-3, 29457-72-5, 29081-56-9, 70225-14-8, 56773-42-3, 251099-16-8, 307-35-7, 91036-71-4, 4021-47-0 and others.
6. 全氟辛酸及其鹽類包含等物質 (PFOA and its salts including) :
   CAS No.: 335-67-1, 335-95-5, 2395-00-8, 335-93-3, 335-66-0, 3825-26-1 and others.
7. 除非另有說明，參照ILAC-G8:09/2019，採用簡單二元(w=0)允收規則進行符合性判定；根據此規則，符合性結果之判定係以測試結果與限值做比較。(Unless otherwise stated , the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.)

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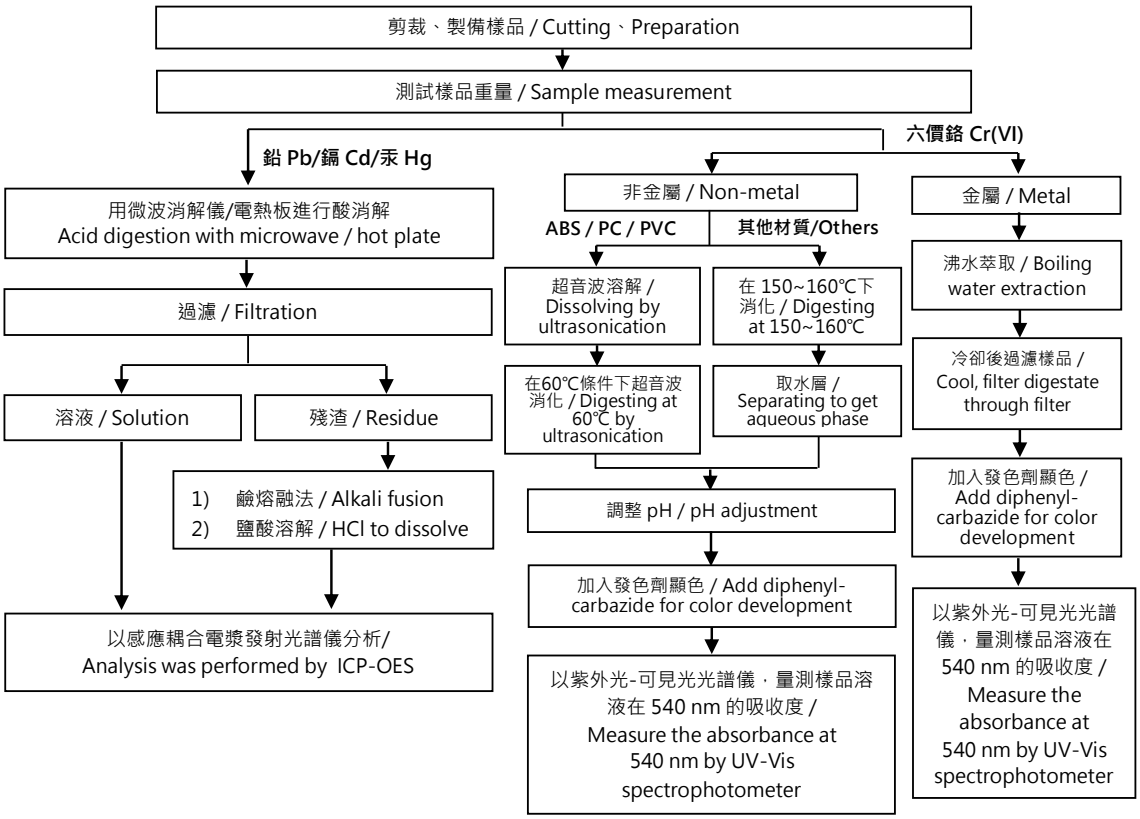
重金屬流程圖 / Analytical flow chart of heavy metal

根據以下的流程圖之條件，樣品已完全溶解。（六價鉻測試方法除外）
These samples were dissolved totally by pre-conditioning method according to below flow chart.
（Cr^{6+} test method excluded）



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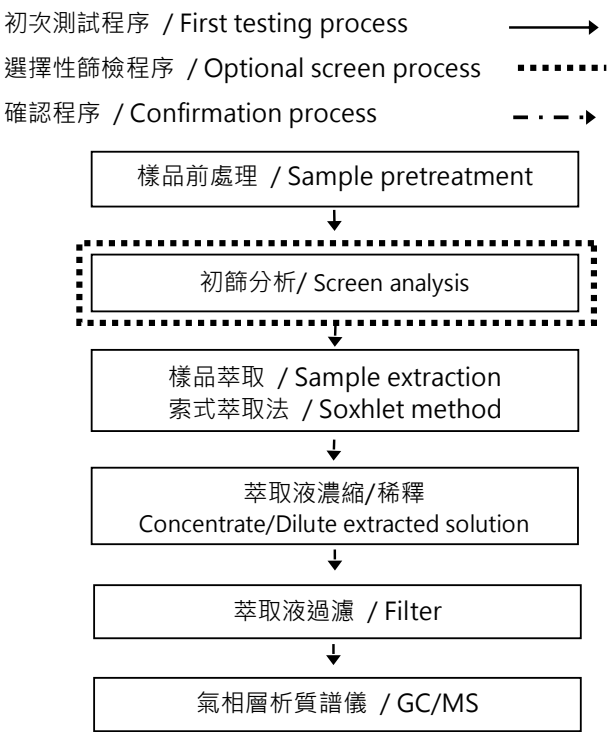
多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs



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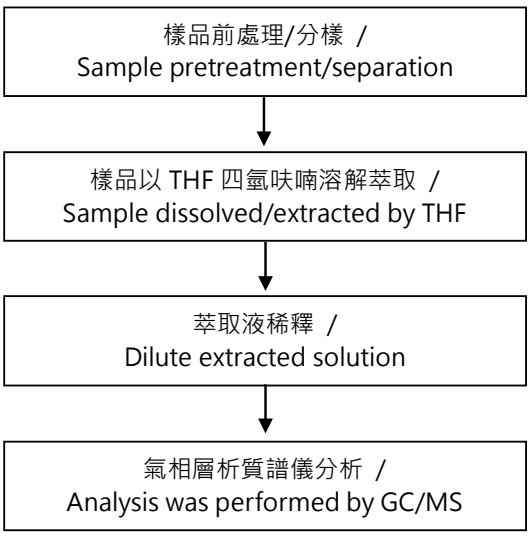
可塑劑分析流程圖 / Analytical flow chart - Phthalate

【測試方法/Test method: IEC 62321-8】



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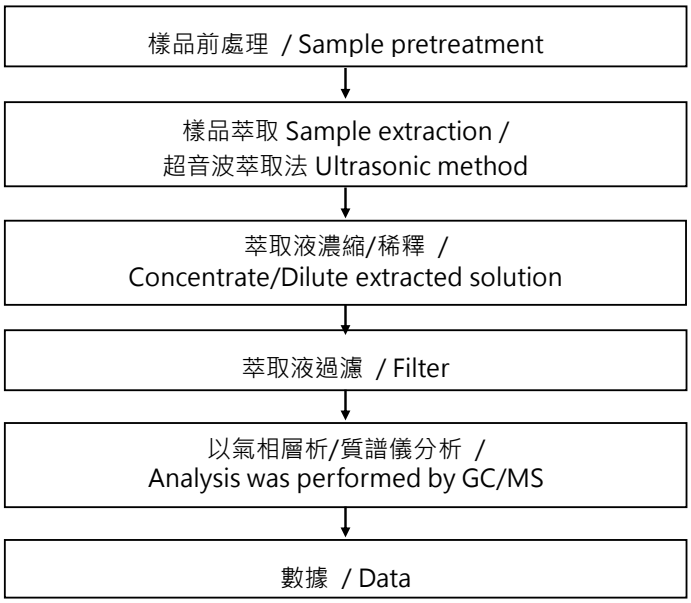
六溴環十二烷分析流程圖 / Analytical flow chart - HBCDD



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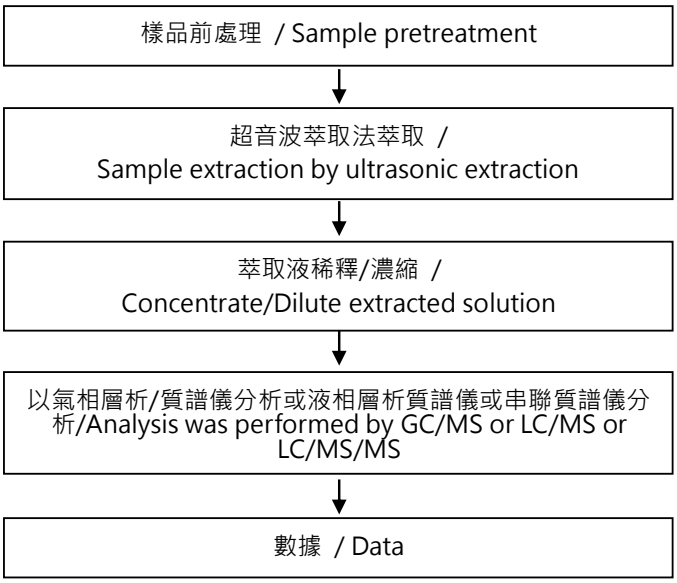
全氟化合物(包含全氟辛酸/全氟辛烷磺酸/其相關化合物等等)分析流程圖 / Analytical flow chart – PFAS (including PFOA/PFOS/its related compound, etc.)



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測試報告
Test Report

維林企業有限公司 (WELL-LIN ENTERPRISE CO., LTD.)
新北市新店區寶橋路235巷12號8樓 (8F, NO. 12, LANE 235, PAO CHIAO RD., XINDIAN, NEW TAIPEI CITY, TAIWAN)

*** 照片中如有箭頭標示，則表示為實際檢測之樣品/部位. ***
(The tested sample / part is marked by an arrow if it's shown on the photo.)

ETR23206769



** 報告結尾 (End of Report) **

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Test Report

No.: CANEC23004242102 **Date:** Jun 14, 2023

Client Name: SHENZHEN CHEN JIA TECHNOLOGY CO., LTD.

Client Address: RM506, SHIYUAN CENTER, FENGHUA GARDEN, BAISHIXIA, FUYONG TOWN, BAOAN DISTRICT, SHENZHEN

Sample Name:	TERMINAL
Model No.:	SXA-001T-P0.6
Material No.:	SXA-001T-P0.6
Client Ref. Information:	SEE ATTACHMENT
Main Substance:	copper alloy, phosphor bronze, copper alloy tin-plated, copper alloy, gold-plated, phosphor bronze tin-plated, phosphor bronze gold-plated
Manufacturer:	J.S.T Mfg. Co. LTD

The above sample(s) and information were provided by the client.

SGS Job No.:	GZP23-003973
Sample Receiving Date:	Jun 08, 2023
Testing Period:	Jun 08, 2023 ~ Jun 14, 2023
Test Requested:	Select test(s) as requested by the client.
Test Method(s):	Please refer to next page(s).
Test Result(s):	Please refer to next page(s).

Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium and Hexavalent chromium	Pass

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

Jessie Li

Jessie-JX Li
Approved Signatory

scan to see the report

A8167252

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Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A2	CAN23-0042421-0001.C002	Silvery plated metal

Remarks:

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

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium and Hexavalent chromium

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013 and IEC 62321-7-1:2015, analysis was performed by ICP-OES and UV-Vis .

Test Item(s)	Limit	Unit(s)	MDL	A2
Cadmium(Cd)	100	mg/kg	2	ND
Lead(Pb)	1000	mg/kg	2	20
Mercury(Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))▼	-	μg/cm²	0.10	ND

Notes:

(1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
(2) IEC 62321 series is equivalent to EN 62321 series.
(3) ▼ = a. The sample is positive for Cr(VI) if the Cr(VI)concentration is greater than 0.13 μg/cm^2. The sample coating is considered to contain Cr(VI)
b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 μg/cm^2). The coating is considered a non-Cr(VI) based coating
c. The result between 0.10 μg/cm^2 and 0.13 μg/cm^2 is considered to be inconclusive - unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

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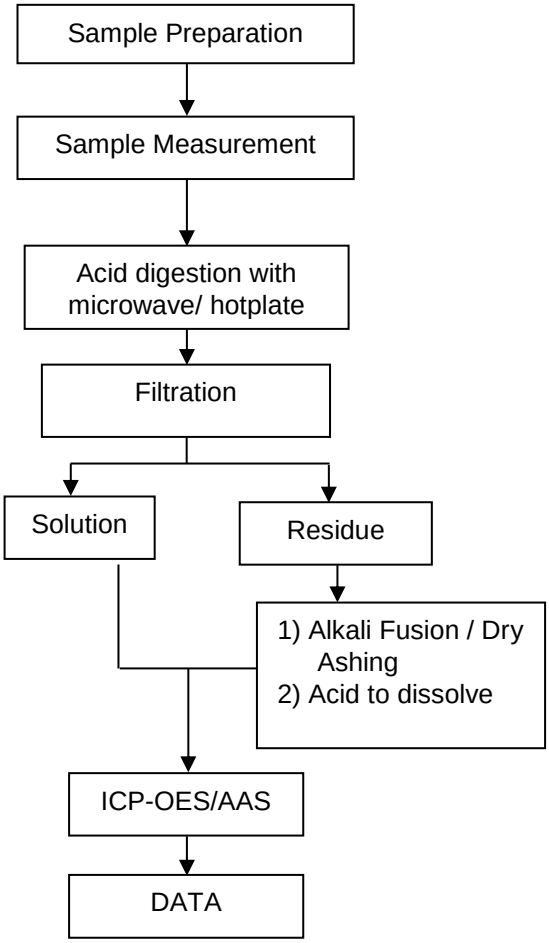
Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.



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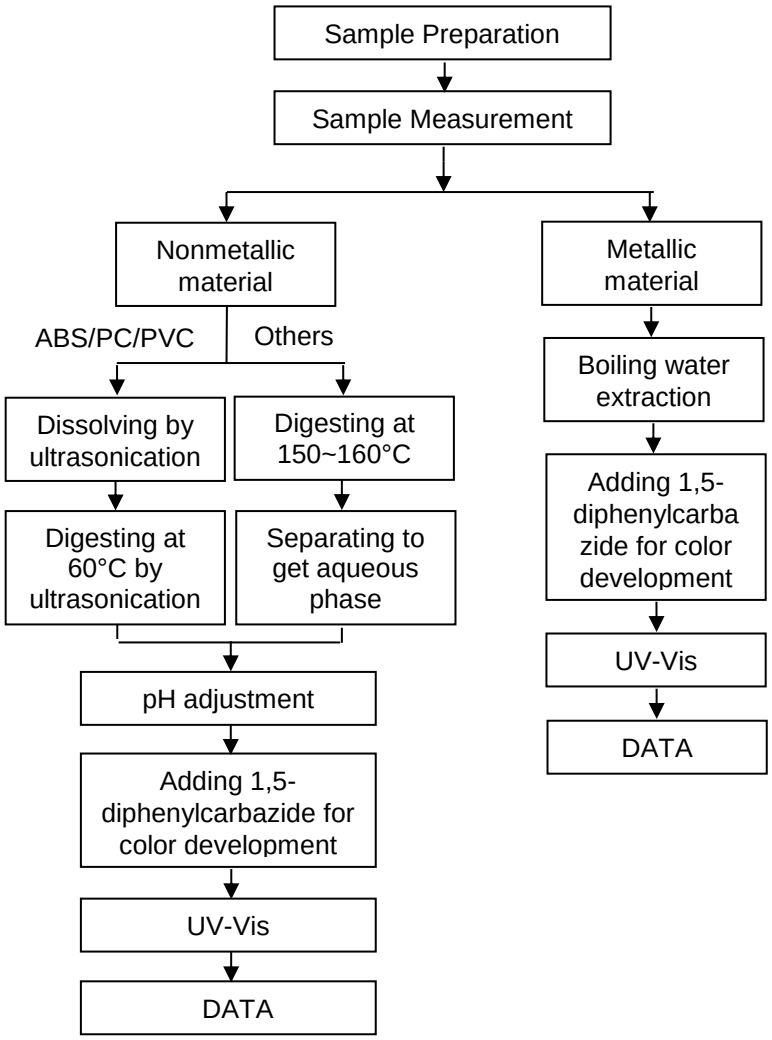
Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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Attachment:

Be used for: 1, 1.25FJ connector, 1.25FJ-N connector;

2, 2.54SB header, 2.5FJ connector, 2.5FJ-N connector, 2.5SB header;

A, ACA connector, ACH connector, ACH connector, ACHF Connector, ACHL connector,
ADH Connector, AGH connector, AIT connector, AIT-II connector, AN connector,
APSH connector, ARV connector, AS connector, ASG connector, ASR connector,
ASU connector, ATL connector, ATLC connector, ATSS connector,
AUH Connector, AYU1 connector;

B, BC header, BCC connector, BD connector, BD connector, BH connector,
BH connector, BH connector, BHL connector, BHM connector, BHM connector,
BHS connector, BHS connector, BHT connector, BHT connector,
BIC connector, BL connector, BTT connector;

C, CFF connector, CIF connnecor, CIT connector, CK connector, CL connector, CN connector,
CN connector, CPI connector, CPT connector, CR connector, CRK connector, CS connector,
CSH connector, CSR connector, CZ/CZW connector, CZH/CZHW connector;

D, DA connector, DAC connector, DB connector, DCJ connector, DD/DS connector,
DIM connector, DIN connector, DM-144P connector, DM-144P connector,
DM-200P connector, DM-72P connector, DR connector, DV connector, Dsub connector;

E, E-4, EA1 connector, EA2 connector, EH connector, EL connector, EP connector, EP-1;

F, FAB connector, FAZ connector, FCH Connector, FCT connector, FDZ connector,
FE connector, FFS connector, FGEM connector, FH connector, FHA Connector,
FHH connector, FHJ connector, FHS connector, FHSY connector, FHY connector,
FJ connector, FJ-K connector, FJ-L connector, FJ-V connector, FKZ connector,
FLH connector, FLT connector, FLZ connector, FLZT connector, FLZX connector,
FM connector, FMN connector, FMS connector, FMZ connector, FOX connector,
FPZ connector, FUN connector, FVX connector, FVXL Connector, FVXS connector,
FXM connector, FXR connector, FXRH connector, FXS connector, FXV connector,
FXVL Connector, FXW connector, FXY connector, FXZ connector, FXZT connector,
FY connector, FZ connector, FZA Connector, FZC Connector;

G, GH connector, GHD connector, GIT connector, GIT connector, GVH connector;

H, HCH connector, HCM connector, HIC connector, HIL connector, HIT connector,
HL connector, HL connector, HM connector, HPD-M2A, HPS connector, HQF connector,
HQM connector, HR connector, HR connector, HSDP connector, HTB connector,
HVD connector, HVGT connector, HVGW connector, HVQ connector;

I, IG connector, IS Connector;

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J, JAK connnector, JAN connector, JAS connector, JAV connector, JDV connector,
JE connector, JED connector, JET connector, JFA connector, JFC connector,
JFPS connector, JL connector, JM connector, JMC connector, JMD connector,
JQ connector, JU connector, JUX connector, JWPF connector, JWPF connector,
JWPS connector, JWPS connector, JXV connector;
K, KR connector, KRD connector, KRW connector;
L, LC connector, LD-Y connector, LEA connector, LEB connector, LEH connector,
LEK connector, LEL connector, LEN connector, LEX connector, LV connector;
M, MBS header, MD connector, MEC connector, MG connector, MIH connector,
MIO connector, MJ connector, MMJ connector, MQ connector, MS connector,
MSA connector, MSA terminal, MUF connector, MV connector, MWP connector;
N, NAC-I connector, NFG connector, NH connector, NR connector, NRD connector,
NSH connector, NSHD connector, NV connector, NVA connector;
O, OTZ connector;
P, PA connector, PA connector, PAD connector, PAF connector, PAL connector,
PB connector, PBV connector, PC Card connector, PEA connector, PFW connector,
PH connector, PH connector, PHD connector, PLI connector, PND connector, PNI connector,
PNI connector, PNI connector, PS connector, PUD connector, PXA connector;
R, RA connector, RAD connector, RARSF connector, RC connector, RCD-M9BE,
RCY connector, RE connector, RF connector, RFC connector, RHM connector,
RIC connector, RIJ connector, RIZ connector, RK header, RPJ connector, RPZ connector,
RTZ connector, RV connector, RWZ connector, RWZ connector, RX connector;
S, SAB connector, SAC connector, SAN connector, SBO connector, SBO2 connector,
SCD-M15B, SCK connector, SCN connector, SCR connector, SCRL Connector,
SCRT Connector, SCYT Connector, SD connector, SDF connector, SDHK Connector,
SIN connector, SDHL connector, SDHR Connector, SDK connector, SDN connector,
SFH connector, SGN connector, SH connector, SHC connector, SHD connector,
SHJ connector, SHL connector, SHLD connector, SHLV connector, SJN connector,
SL connector, SM connector, SMF connector, SNA connector, SPF connector,
SPH2 connector, SQF connector, SQH connector, SQM connector, SQSII connector,
SQS connector, SQSK connector, SQW connector, SQXW connector, SQZ connector,
SR/SZ connector, SRV connector, SSR connector, SUH connector, SUR connector,
SV connector, SZN connector;
T, TB header, TCS connector, THR connector, TR/TRW connector, TRZ connector,

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TSD connector, TSF connector, TZ/TZW connector;

U, UB connector, UB3 connector;

V, V connector, VA connector, VB connector, VH connector, VH connector, VL connector,

VL connector, VR connector, VS header, VT connector, VU connector, VYH connector;

W, WIC connector, WPJ connector, WPJ connector, WPK connector;

X, XA connector, XA connector, XA connector, XA connector, XA connector,

XAD connector, XAD connector, XAF connector, XAG connector, XAG connector,

XH connector, XH connector, XL connector, XL connector, XM connector,

XM connector, XMA connector, XNI connector, XSR connector;

Y, YF-1, YL connector, YLN connector;

Z, ZA connector, ZE connector, ZF/ZFW connector, ZH connector, ZPD connector,

ZR connector, ZRO connector, ZM connector, ZL connector

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Sample Photo:



CAN23-0042421-0001.C002

SGS authenticate the photo on original report only

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Test Report

No.: CANEC23004242101 **Date:** Jun 14, 2023

Client Name: SHENZHEN CHEN JIA TECHNOLOGY CO., LTD.

Client Address: RM506, SHIYUAN CENTER, FENGHUA GARDEN, BAISHIXIA, FUYONG TOWN, BAOAN DISTRICT, SHENZHEN

Sample Name:	HOUSING
Model No.:	XAP-04V-1
Material No.:	XAP-04V-1
Client Ref. Information:	SEE ATTACHMENT
Main Substance:	PA, PA 6, PA 66, PA 6T, PA 9T, PBT, PPS, LCP
Manufacturer:	J.S.T Mfg. Co. LTD

The above sample(s) and information were provided by the client.

SGS Job No.:	GZP23-003973
Sample Receiving Date:	Jun 08, 2023
Testing Period:	Jun 08, 2023 ~ Jun 14, 2023
Test Requested:	Select test(s) as requested by the client.
Test Method(s):	Please refer to next page(s).
Test Result(s):	Please refer to next page(s).

Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

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

Jessie Li

Jessie-JX Li
Approved Signatory

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Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN23-0042421-0001.C001	White plastic

Remarks:

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

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1
Cadmium(Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Polybromobiphenyl (PBBs)	1000	mg/kg	-	ND
Monobromobiphenyl (MonoBB)	-	mg/kg	5	ND
Dibromobiphenyl (DiBB)	-	mg/kg	5	ND
Tribromobiphenyl (TriBB)	-	mg/kg	5	ND
Tetrabromobiphenyl (TetraBB)	-	mg/kg	5	ND
Pentabromobiphenyl (PentaBB)	-	mg/kg	5	ND
Hexabromobiphenyl (HexaBB)	-	mg/kg	5	ND
Heptabromobiphenyl (HeptaBB)	-	mg/kg	5	ND
Octabromobiphenyl (OctaBB)	-	mg/kg	5	ND
Nonabromobiphenyl (NonaBB)	-	mg/kg	5	ND
Decabromobiphenyl (DecaBB)	-	mg/kg	5	ND
Polybromodiphenyl ether(PBDEs)	1000	mg/kg	-	ND
Monobromodiphenylether (MonoBDE)	-	mg/kg	5	ND
Dibromodiphenylether (DiBDE)	-	mg/kg	5	ND
Tribromodiphenylether (TriBDE)	-	mg/kg	5	ND
Tetrabromodiphenylether (TetraBDE)	-	mg/kg	5	ND
Pentabromodiphenylether (PentaBDE)	-	mg/kg	5	ND
Hexabromodiphenylether (HexaBDE)	-	mg/kg	5	ND
Heptabromodiphenylether (HeptaBDE)	-	mg/kg	5	ND
Octabromodiphenylether (OctaBDE)	-	mg/kg	5	ND
Nonabromodiphenylether (NonaBDE)	-	mg/kg	5	ND
Decabromodiphenylether (DecaBDE)	-	mg/kg	5	ND
Dibutyl Phthalate(DBP)	1000	mg/kg	50	ND
Benzyl Butyl Phthalate(BBP)	1000	mg/kg	50	ND

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Test Item(s)	Limit	Unit(s)	MDL	A1
Bis-(2-ethylhexyl) Phthalate(DEHP)	1000	mg/kg	50	ND
Diisobutyl Phthalate(DIBP)	1000	mg/kg	50	ND

Notes:

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

(2) IEC 62321 series is equivalent to EN 62321 series.

(3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

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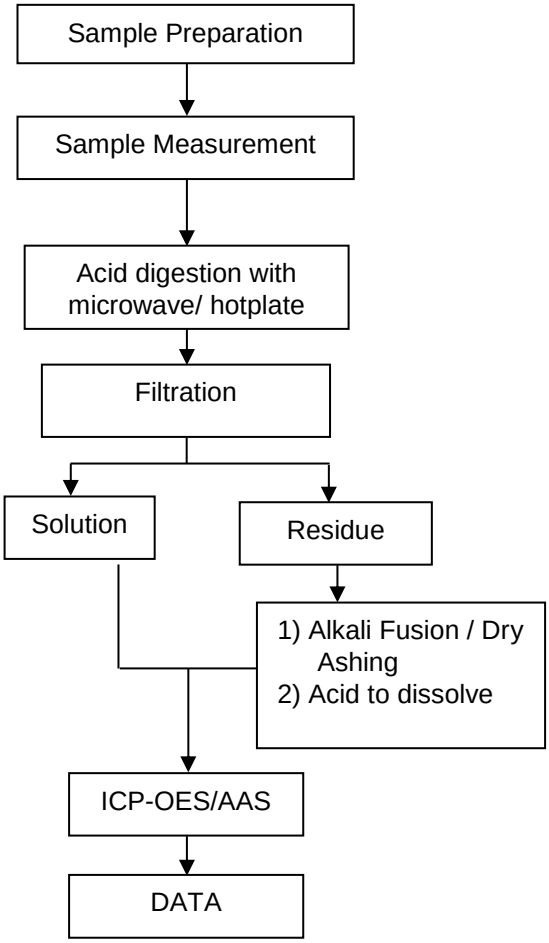
Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.



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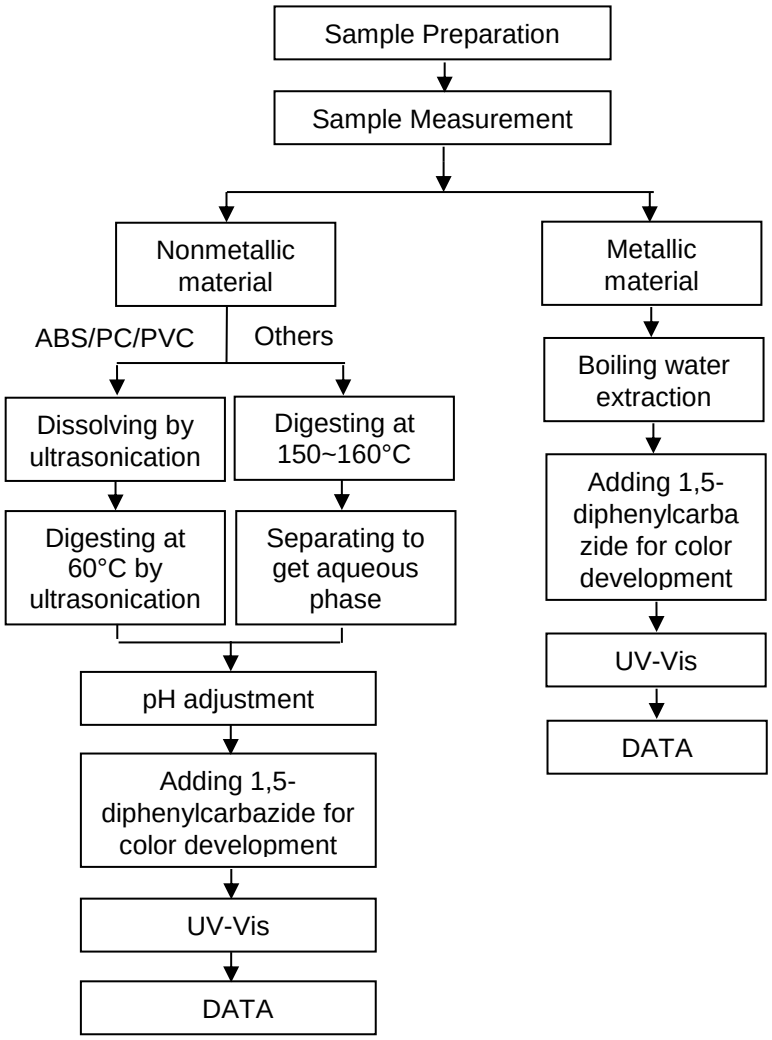
Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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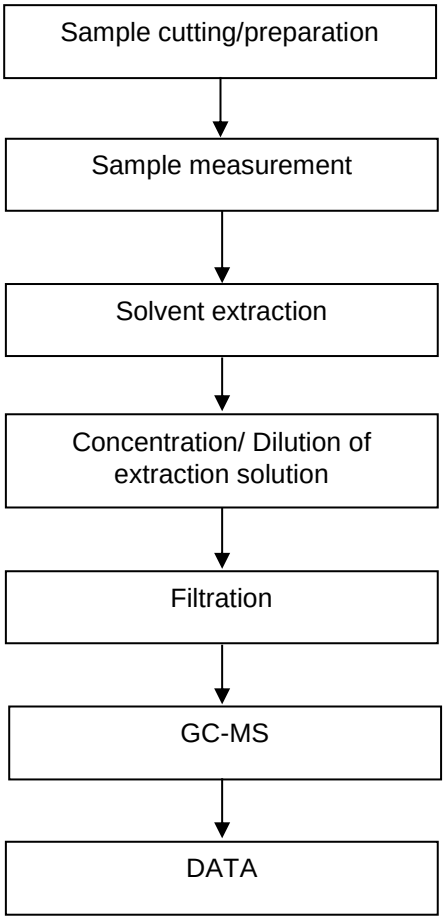
PBBs/PBDEs Testing Flow Chart



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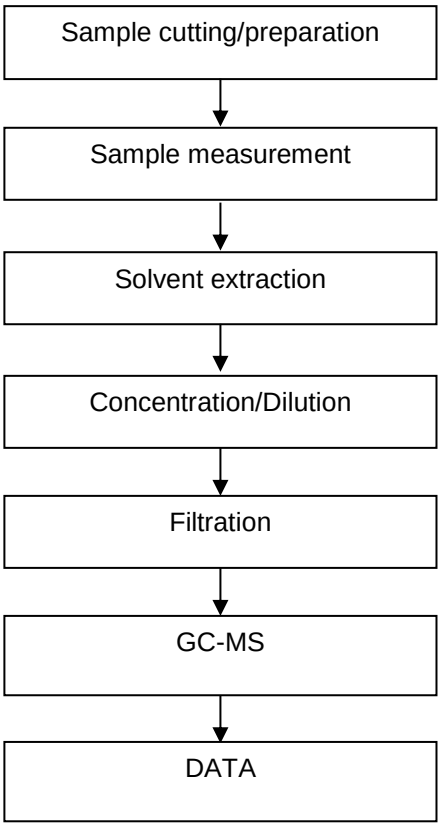
Phthalates Testing Flow Chart



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Attachment:

Be used for: 1, 1.25FJ connector, 1.25FJ-N connector;

2, 2.54SB header, 2.5FJ connector, 2.5FJ-N connector, 2.5SB header;

A, ACA connector, ACH connector, ACH connector, ACHF Connector, ACHL connector,
ADH Connector, AGH connector, AIT connector, AIT-II connector, AN connector,
APSH connector, ARV connector, AS connector, ASG connector, ASR connector,
ASU connector, ATL connector, ATLC connector, ATSS connector,
AUH Connector, AYU1 connector;

B, BC header, BCC connector, BD connector, BD connector, BH connector,
BH connector, BH connector, BHL connector, BHM connector, BHM connector,
BHS connector, BHS connector, BHT connector, BHT connector,
BIC connector, BL connector, BTT connector;

C, CFF connector, CIF connnecor, CIT connector, CK connector, CL connector, CN connector,
CN connector, CPI connector, CPT connector, CR connector, CRK connector, CS connector,
CSH connector, CSR connector, CZ/CZW connector, CZH/CZHW connector;

D, DA connector, DAC connector, DB connector, DCJ connector, DD/DS connector,
DIM connector, DIN connector, DM-144P connector, DM-144P connector,
DM-200P connector, DM-72P connector, DR connector, DV connector, Dsub connector;

E, E-4, EA1 connector, EA2 connector, EH connector, EL connector, EP connector, EP-1;

F, FAB connector, FAZ connector, FCH Connector, FCT connector, FDZ connector,
FE connector, FFS connector, FGEM connector, FH connector, FHA Connector,
FHH connector, FHJ connector, FHS connector, FHSY connector, FHY connector,
FJ connector, FJ-K connector, FJ-L connector, FJ-V connector, FKZ connector,
FLH connector, FLT connector, FLZ connector, FLZT connector, FLZX connector,
FM connector, FMN connector, FMS connector, FMZ connector, FOX connector,
FPZ connector, FUN connector, FVX connector, FVXL Connector, FVXS connector,
FXM connector, FXR connector, FXRH connector, FXS connector, FXV connector,
FXVL Connector, FXW connector, FXY connector, FXZ connector, FXZT connector,
FY connector, FZ connector, FZA Connector, FZC Connector;

G, GH connector, GHD connector, GIT connector, GIT connector, GVH connector;

H, HCH connector, HCM connector, HIC connector, HIL connector, HIT connector,
HL connector, HL connector, HM connector, HPD-M2A, HPS connector, HQF connector,
HQM connector, HR connector, HR connector, HSDP connector, HTB connector,
HVD connector, HVGT connector, HVGW connector, HVQ connector;

I, IG connector, IS Connector;

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J, JAK connnector, JAN connector, JAS connector, JAV connector, JDV connector,
JE connector, JED connector, JET connector, JFA connector, JFC connector,
JFPS connector, JL connector, JM connector, JMC connector, JMD connector,
JQ connector, JU connector, JUX connector, JWPF connector, JWPF connector,
JWPS connector, JWPS connector, JXV connector;
K, KR connector, KRD connector, KRW connector;
L, LC connector, LD-Y connector, LEA connector, LEB connector, LEH connector,
LEK connector, LEL connector, LEN connector, LEX connector, LV connector;
M, MBS header, MD connector, MEC connector, MG connector, MIH connector,
MIO connector, MJ connector, MMJ connector, MQ connector, MS connector,
MSA connector, MSA terminal, MUF connector, MV connector, MWP connector;
N, NAC-I connector, NFG connector, NH connector, NR connector, NRD connector,
NSH connector, NSHD connector, NV connector, NVA connector;
O, OTZ connector;
P, PA connector, PA connector, PAD connector, PAF connector, PAL connector,
PB connector, PBV connector, PC Card connector, PEA connector, PFW connector,
PH connector, PH connector, PHD connector, PLI connector, PND connector, PNI connector,
PNI connector, PNI connector, PS connector, PUD connector, PXA connector;
R, RA connector, RAD connector, RARSF connector, RC connector, RCD-M9BE,
RCY connector, RE connector, RF connector, RFC connector, RHM connector,
RIC connector, RIJ connector, RIZ connector, RK header, RPJ connector, RPZ connector,
RTZ connector, RV connector, RWZ connector, RWZ connector, RX connector;
S, SAB connector, SAC connector, SAN connector, SBO connector, SBO2 connector,
SCD-M15B, SCK connector, SCN connector, SCR connector, SCRL Connector,
SCRT Connector, SCYT Connector, SD connector, SDF connector, SDHK Connector,
SIN connector, SDHL connector, SDHR Connector, SDK connector, SDN connector,
SFH connector, SGN connector, SH connector, SHC connector, SHD connector,
SHJ connector, SHL connector, SHLD connector, SHLV connector, SJN connector,
SL connector, SM connector, SMF connector, SNA connector, SPF connector,
SPH2 connector, SQF connector, SQH connector, SQM connector, SQSII connector,
SQS connector, SQSK connector, SQW connector, SQXW connector, SQZ connector,
SR/SZ connector, SRV connector, SSR connector, SUH connector, SUR connector,
SV connector, SZN connector;
T, TB header, TCS connector, THR connector, TR/TRW connector, TRZ connector,

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TSD connector, TSF connector, TZ/TZW connector;

U, UB connector, UB3 connector;

V, V connector, VA connector, VB connector, VH connector, VH connector, VL connector,

VL connector, VR connector, VS header, VT connector, VU connector, VYH connector;

W, WIC connector, WPJ connector, WPJ connector, WPK connector;

X, XA connector, XA connector, XA connector, XA connector, XA connector,

XAD connector, XAD connector, XAF connector, XAG connector, XAG connector,

XH connector, XH connector, XL connector, XL connector, XM connector,

XM connector, XMA connector, XNI connector, XSR connector;

Y, YF-1, YL connector, YLN connector;

Z, ZA connector, ZE connector, ZF/ZFW connector, ZH connector, ZPD connector,

ZR connector, ZRO connector, ZM connector, ZL connector

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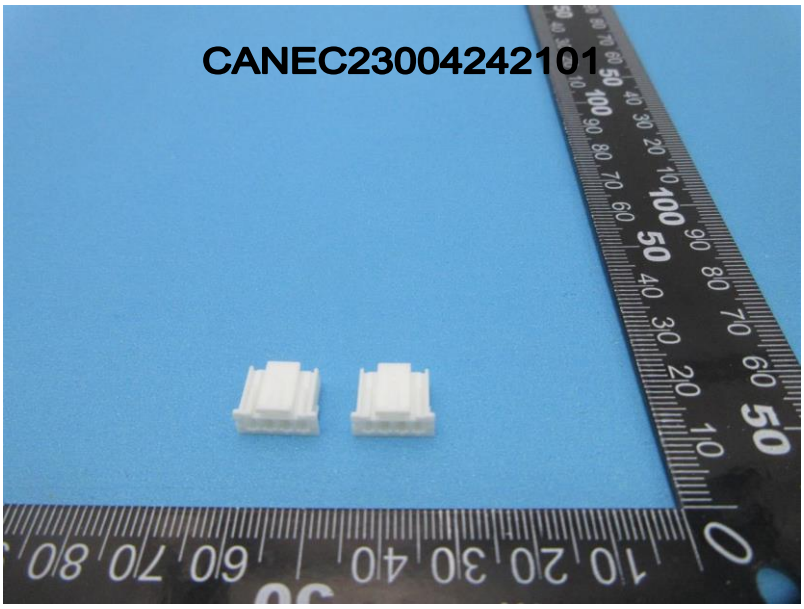
Sample Photo:



CAN23-0042421-0001.C001

SGS authenticate the photo on original report only

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Test Report (SVHC)

Client Name : DONGGUAN LUCKY FLY CONDUCTOR CO.,LTD

Client Address : QIAO ZI REGION CHANG PING TOWN DONG GUAN CITY GUANG DONG PROVINCE CHINA

Sample Name : BARE COPPER WIRE, TINNED COPPER WIRE

Main Substance : CU,SN

The above sample(s) and information were provided by the client.

SGS Job No. : CP23-002716 - GZ

Date of Sample Received : 03 Feb 2023

Testing Period : 03 Feb 2023 - 09 Feb 2023

Test Requested : As requested by client, SVHC screening is performed according to:
(i) Two hundred and thirty-three (233) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 17, 2023 regarding Regulation (EC) No 1907/2006 concerning the REACH.
(ii) One (1) potential Substances of Very High Concern (SVHC) in the notification of WTO on Jun 1, 2021.

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

Summary :

According to the specified scope and evaluation screening, the test results of SVHC are ≤ 0.1% (w/w) in the submitted sample.	PASS

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

Coral Qiu

Coral Qiu
Approved Signatory

scan to see the report

CB666B8A

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Remark :

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
   http://echa.europa.eu/web/guest/candidate-list-table
   These lists are under evaluation by ECHA and may subject to change in the future.
2. REACH obligation:
   2.1 Concerning article(s):
   Communication:
   Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

   Notification:
   In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

   SGS adopts the ruling of the Court of Justice of the European Union on the definition of an article under REACH unless indicated otherwise. Detail explanation is available at the following link:
   http://www.sgs.com/-/media/global/documents/technical-documents/technical-bulletins/sgs-crs-position-statement-on-svhc-in-articles-a4-en-16-06.pdf?la=en

   2.2 Concerning material(s):
   Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

   If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

   2.3 Concerning substance and preparation:
   If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety

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Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:
- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
(a) a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
(b) a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
(c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
(d) a substance for which there are Europe-wide workplace exposure limits.

3. If a SVHC is found over the reporting limit, client is suggested to identify the composite component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

Test Sample :

Sample Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN23-012223.003	Copper-colored metal wire(a)+silvery plated metal wire(b)

Test Method :

SGS In-House method- SGS-CCL-TOP-092-01, SGS-CCL-TOP-092-02, Analyzed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.

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Test Result: (Substances in the Candidate List of SVHC)

Batch	Substance Name	CAS No.	003 Concentration (%)	RL (%)
-	All tested SVHC in candidate list	-	ND	-

Test Result: (Potential SVHC)

Batch	Substance Name	CAS No.	003 Concentration (%)	RL (%)
-	All tested Potential SVHC	-	ND	-

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Notes :

1.The table above only shows detected SVHC, and SVHC that below RL are not reported.
Please refer to Appendix for the full list of tested SVHC.
2.RL = Reporting Limit (Test data will be shown if it ≥ RL. RL is not regulatory limit.) ND = Not detected (lower than RL),
ND is denoted on the SVHC substance.
3.* The test result is based on the calculation of selected element(s) and to the worst-case scenario.
** The test result is based on the calculation of selected marker(s) and to the worst-case scenario.
4. RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium, cadmium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)), fluorine RL=0.050%.
5. Calculated concentration of boric compounds are based on water extractive boron detected by ICP-OES.
Calculated concentration of Barium diboron tetraoxide is based on water extractive boron and barium detected by ICP-OES.
6. § The substance is proposed for the identification as SVHC only where it contains
Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) ≥0.1% (w/w).
7. / = Potential SVHC
8.Composite test has been performed in equal proportion for the components/material per client requested. And the result is calculated using the minimum sample weight.
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w =0) stated in ILAC-G8:09/2019.

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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
I	1	4,4' -Diaminodiphenylmethane(MDA)	101-77-9	0.050
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	0.050
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.050
I	4	Anthracene	120-12-7	0.050
I	5	Benzyl butyl phthalate (BBP)	85-68-7	0.050
I	6	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	0.050
I	7	Bis(tributyltin)oxide (TBTO)	56-35-9	0.050
I	8	Cobalt dichloride*	7646-79-9	0.005
I	9	Diarsenic pentaoxide*	1303-28-2	0.005
I	10	Diarsenic trioxide*	1327-53-3	0.005
I	11	Dibutyl phthalate (DBP)	84-74-2	0.050
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	-	0.050
I	13	Lead hydrogen arsenate*	7784-40-9	0.005
I	14	Sodium dichromate*	7789-12-0, 10588-01-9	0.005
I	15	Triethyl arsenate*	15606-95-8	0.005
II	16	2,4-Dinitrotoluene	121-14-2	0.050
II	17	Acrylamide	79-06-1	0.050
II	18	Anthracene oil**	90640-80-5	0.050
II	19	Anthracene oil, anthracene paste**	90640-81-6	0.050
II	20	Anthracene oil, anthracene paste, anthracene fraction**	91995-15-2	0.050

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Batch	No.	Substance Name	CAS No.	RL (%)
II	21	Anthracene oil, anthracene paste, distn. lights**	91995-17-4	0.050
II	22	Anthracene oil, anthracene-low**	90640-82-7	0.050
II	23	Diisobutyl phthalate	84-69-5	0.050
II	24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	0.005
II	25	Lead chromate*	7758-97-6	0.005
II	26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	0.005
II	27	Pitch, coal tar, high temp.**	65996-93-2	0.050
II	28	Tris(2-chloroethyl)phosphate	115-96-8	0.050
III	29	Ammonium dichromate*	7789-09-5	0.005
III	30	Boric acid*	-	0.005
III	31	Disodium tetraborate, anhydrous*	1303-96-4, 1330-43-4, 12179-04-3	0.005
III	32	Potassium chromate*	7789-00-6	0.005
III	33	Potassium dichromate*	7778-50-9	0.005
III	34	Sodium chromate*	7775-11-3	0.005
III	35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.005
III	36	Trichloroethylene	79-01-6	0.050
IV	37	2-Ethoxyethanol	110-80-5	0.050
IV	38	2-Methoxyethanol	109-86-4	0.050
IV	39	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	-	0.005

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Batch	No.	Substance Name	CAS No.	RL (%)
IV	40	Chromium trioxide*	1333-82-0	0.005
IV	41	Cobalt(II) carbonate*	513-79-1	0.005
IV	42	Cobalt(II) diacetate*	71-48-7	0.005
IV	43	Cobalt(II) dinitrate*	10141-05-6	0.005
IV	44	Cobalt(II) sulphate*	10124-43-3	0.005
V	45	1,2,3-trichloropropane	96-18-4	0.050
V	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.050
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.050
V	48	1-methyl-2-pyrrolidone	872-50-4	0.050
V	49	2-ethoxyethyl acetate	111-15-9	0.050
V	50	Hydrazine	7803-57-8, 302-01-2	0.050
V	51	Strontium chromate*	7789-06-2	0.005
VI	52	1,2-Dichloroethane	107-06-2	0.050
VI	53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.050
VI	54	2-Methoxyaniline; o-Anisidine	90-04-0	0.050
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.050
VI	56	Aluminosilicate Refractory Ceramic Fibres *	-	0.005
VI	57	Arsenic acid*	7778-39-4	0.005
VI	58	Bis(2-methoxyethyl) ether	111-96-6	0.050
VI	59	Bis(2-methoxyethyl) phthalate	117-82-8	0.050

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VI	60	Calcium arsenate*	7778-44-1	0.005
VI	61	Dichromium tris(chromate) *	24613-89-6	0.005
VI	62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.050
VI	63	Lead diazide, Lead azide*	13424-46-9	0.005
VI	64	Lead dipicrate*	6477-64-1	0.005
VI	65	Lead styphnate*	15245-44-0	0.005
VI	66	N,N-dimethylacetamide	127-19-5	0.050
VI	67	Pentazinc chromate octahydroxide*	49663-84-5	0.005
VI	68	Phenolphthalein	77-09-8	0.050
VI	69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.005
VI	70	Trilead diarsenate*	3687-31-8	0.005
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	-	0.005
VII	72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)§	2580-56-5	0.050
VII	73	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)§	548-62-9	0.050
VII	74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.050
VII	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.050
VII	76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8	0.050
VII	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§	561-41-1	0.050
VII	78	Diboron trioxide*	1303-86-2	0.005

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VII	79	Formamide	75-12-7	0.050
VII	80	Lead(II) bis(methanesulfonate)*	17570-76-2	0.005
VII	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.050
VII	82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	0.050
VII	83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) §	6786-83-0	0.050
VII	84	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	0.050
VIII	85	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.005
VIII	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.050
VIII	87	1,2-Diethoxyethane	629-14-1	0.050
VIII	88	1-Bromopropane	106-94-5	0.050
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.050
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.050
VIII	91	4,4'-Methylenedi-o-toluidine	838-88-0	0.050
VIII	92	4,4'-Oxydianiline and its salts	101-80-4	0.050
VIII	93	4-Aminoazobenzene	60-09-3	0.050
VIII	94	4-Methyl-m-phenylenediamine	95-80-7	0.050
VIII	95	4-Nonylphenol, branched and linear	-	0.050
VIII	96	6-Methoxy-m-toluidine	120-71-8	0.050
VIII	97	Acetic acid, lead salt, basic*	51404-69-4	0.005

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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	98	Biphenyl-4-ylamine	92-67-1	0.050
VIII	99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	0.050
VIII	100	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	-	0.050
VIII	101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.050
VIII	102	Dibutyltin dichloride (DBTC)	683-18-1	0.050
VIII	103	Diethyl sulphate	64-67-5	0.050
VIII	104	Diisopentylphthalate	605-50-5	0.050
VIII	105	Dimethyl sulphate	77-78-1	0.050
VIII	106	Dinoseb	88-85-7	0.050
VIII	107	Dioxobis(stearato)trilead*	12578-12-0	0.005
VIII	108	Fatty acids, C16-18, lead salts*	91031-62-8	0.005
VIII	109	Furan	110-00-9	0.050
VIII	110	Henicosafluoroundecanoic acid	2058-94-8	0.050
VIII	111	Heptacosafluorotetradecanoic acid	376-06-7	0.050
VIII	112	Hexahydromethylphathalic anhydride, Hexahydro-4-methylphathalic anhydride, Hexahydro-1-methylphathalic anhydride, Hexahydro-3-methylphathalic anhydride	-	0.050
VIII	113	Lead bis(tetrafluoroborate)*	13814-96-5	0.005
VIII	114	Lead cyanamidate*	20837-86-9	0.005
VIII	115	Lead dinitrate*	10099-74-8	0.005
VIII	116	Lead monoxide*	1317-36-8	0.005

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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	117	Lead oxide sulfate*	12036-76-9	0.005
VIII	118	Lead tetroxide (orange lead)*	1314-41-6	0.005
VIII	119	Lead titanium trioxide*	12060-00-3	0.005
VIII	120	Lead titanium zirconium oxide*	12626-81-2	0.005
VIII	121	Methoxyacetic acid	625-45-6	0.050
VIII	122	Methyloxirane (Propylene oxide)	75-56-9	0.050
VIII	123	N,N-dimethylformamide	68-12-2	0.050
VIII	124	N-Methylacetamide	79-16-3	0.050
VIII	125	N-Pentyl-isopentylphthalate	776297-69-9	0.050
VIII	126	o-Aminoazotoluene	97-56-3	0.050
VIII	127	o-Toluidine	95-53-4	0.050
VIII	128	Pentacosafluorotridecanoic acid	72629-94-8	0.050
VIII	129	Pentalead tetraoxide sulphate*	12065-90-6	0.005
VIII	130	Pyrochlore, antimony lead yellow*	8012-00-8	0.005
VIII	131	Silicic acid, barium salt, lead-doped*	68784-75-8	0.005
VIII	132	Silicic acid, lead salt*	11120-22-2	0.005
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.005
VIII	134	Tetraethyllead*	78-00-2	0.005
VIII	135	Tetralead trioxide sulphate*	12202-17-4	0.005
VIII	136	Tricosafluorododecanoic acid	307-55-1	0.050
VIII	137	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	0.005

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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	138	Trilead dioxide phosphonate*	12141-20-7	0.005
IX	139	4-Nonylphenol, branched and linear, ethoxylated	-	0.050
IX	140	Ammonium pentadecafluorooctanoate (APFO)**	3825-26-1	0.050
IX	141	Cadmium oxide*	1306-19-0	0.005
IX	142	Cadmium	7440-43-9	0.005
IX	143	Dipentyl phthalate (DPP)	131-18-0	0.050
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.050
X	145	Cadmium sulphide*	1306-23-6	0.005
X	146	Dihexyl phthalate	84-75-3	0.050
X	147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.050
X	148	Disodium 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	0.050
X	149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.050
X	150	Lead di(acetate)*	301-04-2	0.005
X	151	Trixylyl phosphate	25155-23-1	0.050
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.050
XI	153	Cadmium chloride*	10108-64-2	0.005
XI	154	Sodium perborate; perboric acid, sodium salt*	-	0.005
XI	155	Sodium peroxometaborate*	7632-04-4	0.005

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Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XII	156	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.050
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.050
XII	158	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1	0.050
XII	159	Cadmium fluoride*	7790-79-6	0.005
XII	160	Cadmium sulphate*	10124-36-4, 31119-53-6	0.005
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate & 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 & MOTE)	-	0.050
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	-	0.050
XIII	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]	-	0.050
XIV	164	1,3-propanesultone	1120-71-4	0.050
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.050
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.050
XIV	167	Nitrobenzene	98-95-3	0.050
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	0.050
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.050

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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.050
XVI	171	4-Heptylphenol, branched and linear	-	0.050
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	0.050
XVI	173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.050
XVII	174	Perfluorohexane-1-sulphonic acid and its salts	-	0.050
XVIII	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 ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.050
XVIII	176	Benz[a]anthracene	56-55-3	0.050
XVIII	177	Cadmium nitrate*	10325-94-7	0.005
XVIII	178	Cadmium carbonate*	513-78-0	0.005
XVIII	179	Cadmium hydroxide*	21041-95-2	0.005
XVIII	180	Chrysene	218-01-9	0.050
XVIII	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]	-	0.050
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride)	552-30-7	0.050
XIX	183	Benzo[ghi]perylene	191-24-2	0.050
XIX	184	Decamethylcyclopentasiloxane (D5)	541-02-6	0.050
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.050
XIX	186	Disodium octaborate*	12008-41-2	0.005
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.050

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Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XIX	188	Ethylenediamine	107-15-3	0.050
XIX	189	Lead	7439-92-1	0.005
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.050
XIX	191	Terphenyl hydrogenated	61788-32-7	0.050
XX	192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	0.050
XX	193	2,2-bis(4'-hydroxyphenyl)-4- methylpentane	6807-17-6	0.050
XX	194	Benzo[k]fluoranthene	207-08-9	0.050
XX	195	Fluoranthene	206-44-0	0.050
XX	196	Phenanthrene	85-01-8	0.050
XX	197	Pyrene	129-00-0	0.050
XXI	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)	-	0.050
XXI	199	2-methoxyethyl acetate	110-49-6	0.050
XXI	200	4-tert-butylphenol (PTBP)	98-54-4	0.050
XXI	201	Tris(4-nonylphenyl,branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.050
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.050
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.050
XXII	204	Diisohexyl phthalate	71850-09-4	0.050
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.050

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Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XXIII	206	1-vinylimidazole	1072-63-5	0.050
XXIII	207	2-methylimidazole	693-98-1	0.050
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	0.050
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin**	22673-19-4	0.050
XXIV	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	0.050
XXIV	211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety**	-	0.050
XXV	212	1,4-dioxane	123-91-1	0.050
XXV	213	2,2-bis(bromomethyl)propane1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	-	0.050
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.050
XXV	215	4,4'-(1-methylpropylidene)bisphenol (bisphenol B)	77-40-7	0.050
XXV	216	Glutaral	111-30-8	0.050
XXV	217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	-	0.050
XXV	218	Orthoboric acid, sodium salt*	13840-56-7	0.005
XXV	219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	0.050

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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XXVI	220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	0.050
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	0.050
XXVI	222	S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	0.050
XXVI	223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.050
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	0.050
XXVIII	225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	0.050
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.050
XXVIII	227	4,4'-sulphonyldiphenol	80-09-1	0.050
XXVIII	228	Barium diboron tetraoxide*	13701-59-2	0.005
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	0.050
XXVIII	230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.050
XXVIII	231	Melamine	108-78-1	0.050
XXVIII	232	Perfluoroheptanoic acid and its salts	-	0.050
XXVIII	233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-	0.050
/	234	Resorcinol	108-46-3	0.050

检验检测专用章 Inspection & Testing Services

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center Technical Laboratory.

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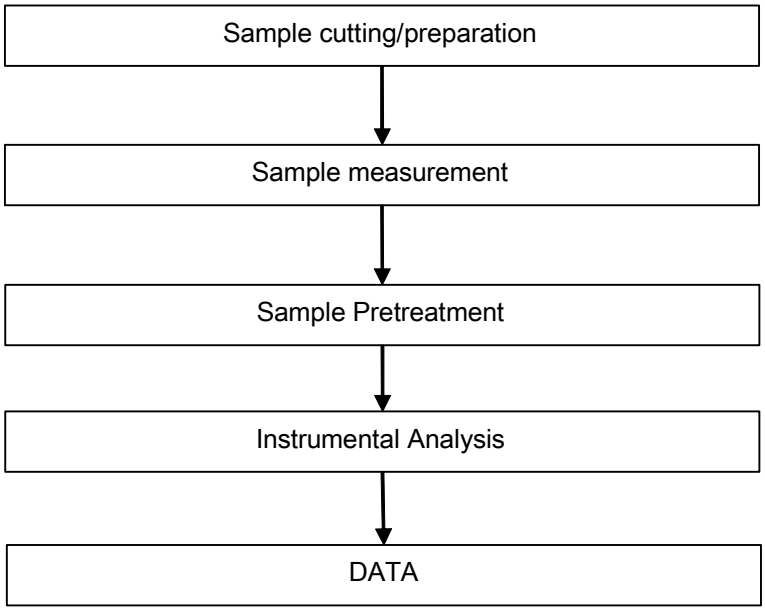
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

ATTACHMENTS

SVHC Testing Flow Chart



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No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663
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Sample photo:

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CAN23-012223.003

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No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663
t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Test Report

Report No. A2230262860101018

Company Name shown on Report	KAI TAT INDUSTRIES COMPANY
Address	BUILDING 1, NO.2 CHANGZHEN ROAD,CHANGZHEN COMMUNITY,YUTANG STREET,GUANGMING DISTRICT,SHENZHEN CITY

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name	UL1061
Color	Black jacket
Material	PVC Electronic wire
Sample Received Date	Jun. 1, 2023
Testing Period	Jun. 1, 2023 to Jun. 17, 2023

Test Requested	As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP), Hexabromocyclododecane (HBCDD), Phthalates in the submitted sample(s).
Test Method	Please refer to the following page(s).
Test Result(s)	Please refer to the following page(s).

****

Conclusion

Tested Sample	According to standard/directive	Result
Submitted Sample	RoHS Directive 2011/65/EU with amendment (EU) 2015/863	PASS

****

PASS means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.

Approved by: Hill Zheng

Hill Zheng

Technical Manager

Date: Jun. 17, 2023

No. R262627962

Centre Testing International Group Co.,Ltd.
CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

Test Report

Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS
Hexabromocyclododecane (HBCDD)	IEC 62321-9:2021	GC-MS
Phthalates	Refer to EN 14372:2004(E)	GC-MS

Test Report

Report No. A2230262860101018

Test Result(s)

Tested Item(s)	Result	MDL	Limit
	018		
Lead (Pb)	N.D.	2 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg	1000 mg/kg

Tested Item(s)	Result	MDL	Limit
	018		
Polybrominated Biphenyls (PBBs)			
Monobromobiphenyl	N.D.	5 mg/kg	1000 mg/kg
Dibromobiphenyl	N.D.	5 mg/kg	
Tribromobiphenyl	N.D.	5 mg/kg	
Tetrabromobiphenyl	N.D.	5 mg/kg	
Pentabromobiphenyl	N.D.	5 mg/kg	
Hexabromobiphenyl	N.D.	5 mg/kg	
Heptabromobiphenyl	N.D.	5 mg/kg	
Octabromobiphenyl	N.D.	5 mg/kg	
Nonabromobiphenyl	N.D.	5 mg/kg	
Decabromobiphenyl	N.D.	5 mg/kg	

Tested Item(s)	Result	MDL	Limit
	018		
Polybrominated Diphenyl Ethers (PBDEs)			
Monobromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg
Dibromodiphenyl ether	N.D.	5 mg/kg	
Tribromodiphenyl ether	N.D.	5 mg/kg	
Tetrabromodiphenyl ether	N.D.	5 mg/kg	
Pentabromodiphenyl ether	N.D.	5 mg/kg	
Hexabromodiphenyl ether	N.D.	5 mg/kg	
Heptabromodiphenyl ether	N.D.	5 mg/kg	
Octabromodiphenyl ether	N.D.	5 mg/kg	
Nonabromodiphenyl ether	N.D.	5 mg/kg	
Decabromodiphenyl ether	N.D.	5 mg/kg	

Test Report

Report No. A2230262860101018

Test Result(s)

Tested Item(s)	Result	MDL	Limit
	018		
Phthalates (DBP, BBP, DEHP, DIBP)			
Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg	1000 mg/kg
Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg	1000 mg/kg
Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg	1000 mg/kg
Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg	1000 mg/kg

Tested Item(s)	Result	MDL
	018	
Hexabromocyclododecane (HBCDD)	N.D.	20 mg/kg

Tested Item(s)	Result	MDL
	018	
Phthalates		
Di-2-propylheptyl phthalate (DPHpP) CAS#:53306-54-0*	N.D.	30 mg/kg

Sample/Part Description

No.	CTI Sample ID	Description
1	018	Black wire jacket

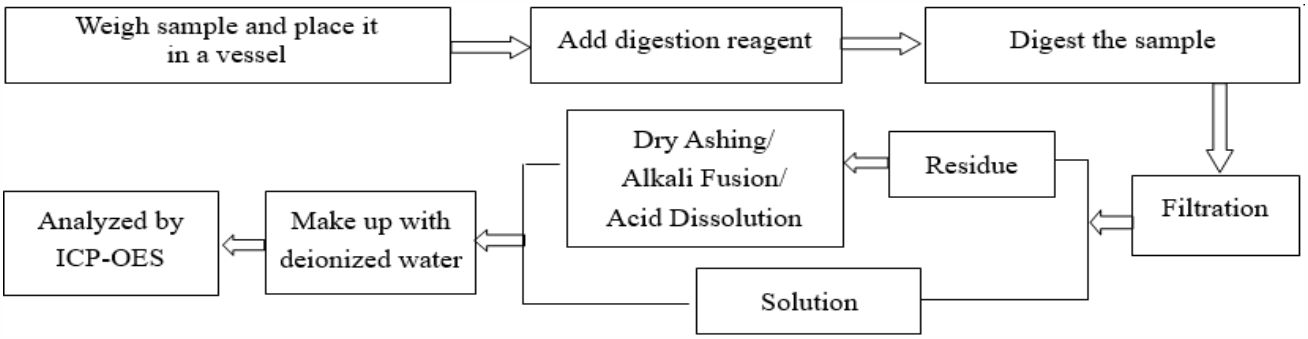
Remark: **The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.**
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million
-1000 mg/kg = 0.1%

Note: ***Indicates the item(s)/method(s) is (are) not in CNAS accreditation scope.**

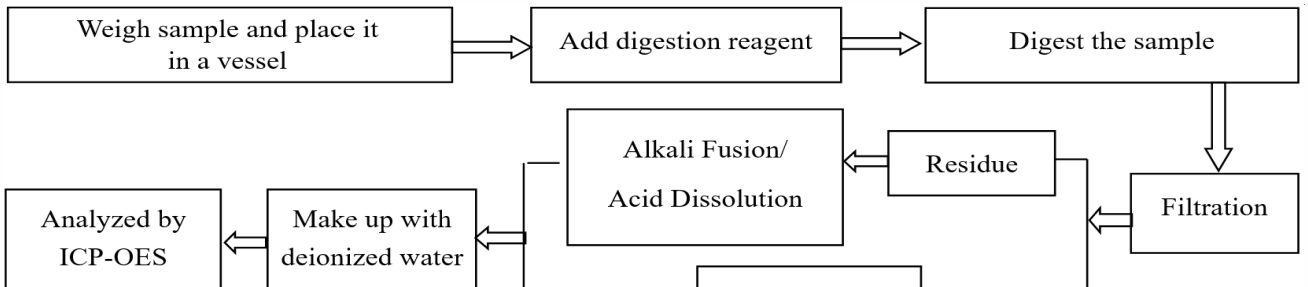
Test Report

Test Process

1. Lead (Pb), Cadmium (Cd), Chromium (Cr)

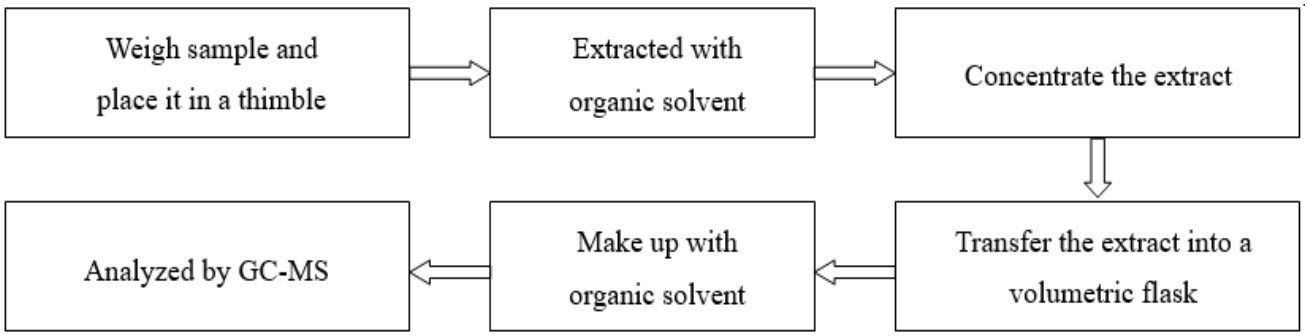


2. Mercury (Hg)

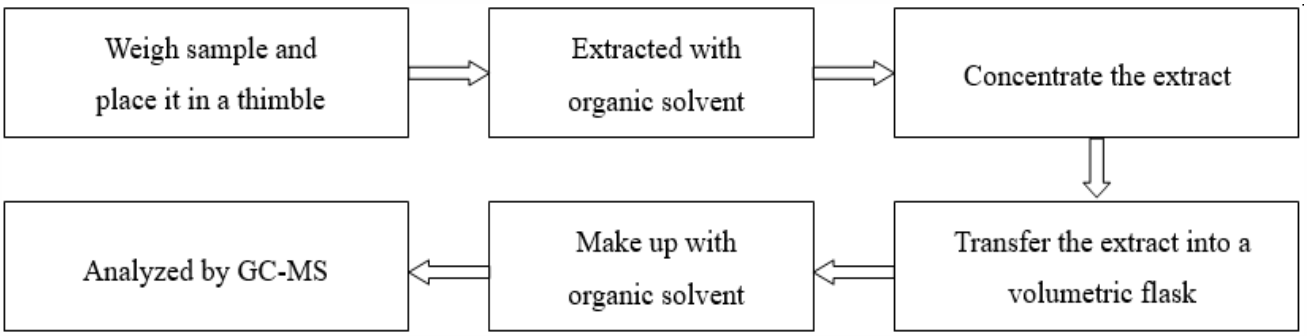


3. Hexavalent Chromium (Cr(VI))

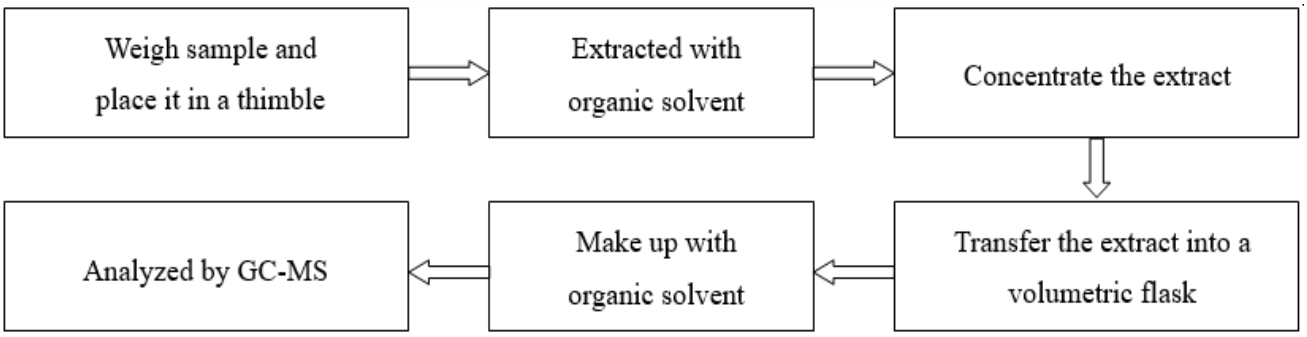
4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



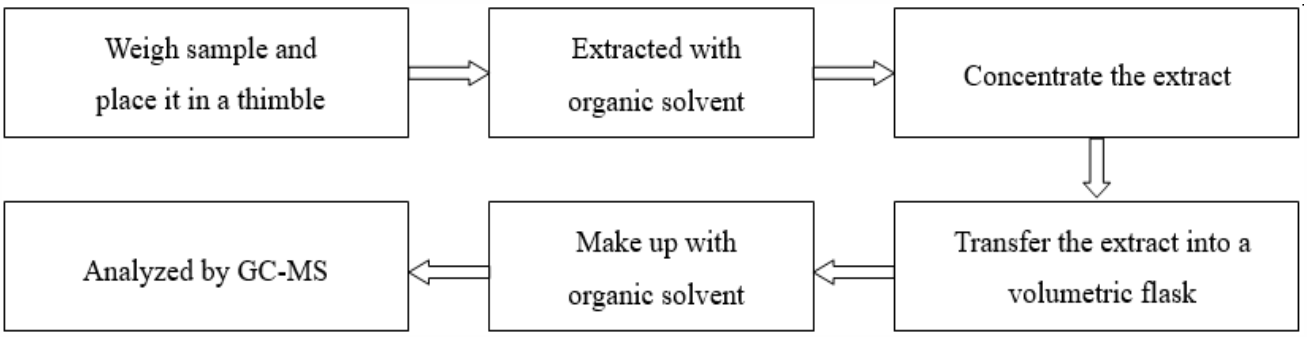
5. Phthalates (DBP, BBP, DEHP, DIBP)



6. Hexabromocyclododecane (HBCDD)



7. Phthalates



Test Report

Photo(s) of the sample(s)



Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
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*** End of report ***

Appendix

Client Reference Information

1007, 1061, 1095, 1571, 20276, 2468, 1015, 1617, 1672, 1185, 1533, 2464, 2547, 2517, 2854, 2835, 1430, 1431, 10272, 1032, 2651, 2661, 1569, 3443, 1028, 1685, 2103, 2661, 2920, 20080and FEIBIAO PVC LINE, CAR PVC LINE and rehearsal and line

Statement:

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Test Report

Report No. A2230262860101014

Company Name shown on Report	KAI TAT INDUSTRIES COMPANY
Address	BUILDING 1, NO.2 CHANGZHEN ROAD,CHANGZHEN COMMUNITY,YUTANG STREET,GUANGMING DISTRICT,SHENZHEN CITY

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name	UL1061
Color	White jacket
Material	PVC Electronic wire
Sample Received Date	Jun. 1, 2023
Testing Period	Jun. 1, 2023 to Jun. 17, 2023

Test Requested	As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP), Hexabromocyclododecane (HBCDD), Phthalates in the submitted sample(s).
Test Method	Please refer to the following page(s).
Test Result(s)	Please refer to the following page(s).

****

Conclusion

Tested Sample	According to standard/directive	Result
Submitted Sample	RoHS Directive 2011/65/EU with amendment (EU) 2015/863	PASS

****

PASS means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.

Approved by: Hill Zheng

Hill Zheng

Technical Manager

Date: Jun. 17, 2023

No. R262627962

Centre Testing International Group Co.,Ltd.
CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

Test Report

Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS
Hexabromocyclododecane (HBCDD)	IEC 62321-9:2021	GC-MS
Phthalates	Refer to EN 14372:2004(E)	GC-MS

Test Report

Report No. A2230262860101014

Test Result(s)

Tested Item(s)	Result	MDL	Limit
	014		
Lead (Pb)	N.D.	2 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg	1000 mg/kg

Tested Item(s)	Result	MDL	Limit
	014		
Polybrominated Biphenyls (PBBs)			
Monobromobiphenyl	N.D.	5 mg/kg	1000 mg/kg
Dibromobiphenyl	N.D.	5 mg/kg	
Tribromobiphenyl	N.D.	5 mg/kg	
Tetrabromobiphenyl	N.D.	5 mg/kg	
Pentabromobiphenyl	N.D.	5 mg/kg	
Hexabromobiphenyl	N.D.	5 mg/kg	
Heptabromobiphenyl	N.D.	5 mg/kg	
Octabromobiphenyl	N.D.	5 mg/kg	
Nonabromobiphenyl	N.D.	5 mg/kg	
Decabromobiphenyl	N.D.	5 mg/kg	

Tested Item(s)	Result	MDL	Limit
	014		
Polybrominated Diphenyl Ethers (PBDEs)			
Monobromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg
Dibromodiphenyl ether	N.D.	5 mg/kg	
Tribromodiphenyl ether	N.D.	5 mg/kg	
Tetrabromodiphenyl ether	N.D.	5 mg/kg	
Pentabromodiphenyl ether	N.D.	5 mg/kg	
Hexabromodiphenyl ether	N.D.	5 mg/kg	
Heptabromodiphenyl ether	N.D.	5 mg/kg	
Octabromodiphenyl ether	N.D.	5 mg/kg	
Nonabromodiphenyl ether	N.D.	5 mg/kg	
Decabromodiphenyl ether	N.D.	5 mg/kg	

Test Report

Report No. A2230262860101014

Test Result(s)

Tested Item(s)	Result	MDL	Limit
	014		
Phthalates (DBP, BBP, DEHP, DIBP)			
Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg	1000 mg/kg
Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg	1000 mg/kg
Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg	1000 mg/kg
Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg	1000 mg/kg

Tested Item(s)	Result	MDL
	014	
Hexabromocyclododecane (HBCDD)	N.D.	20 mg/kg

Tested Item(s)	Result	MDL
	014	
Phthalates		
Di-2-propylheptyl phthalate (DPHpP) CAS#:53306-54-0*	N.D.	30 mg/kg

Sample/Part Description

No.	CTI Sample ID	Description
1	014	White wire jacket

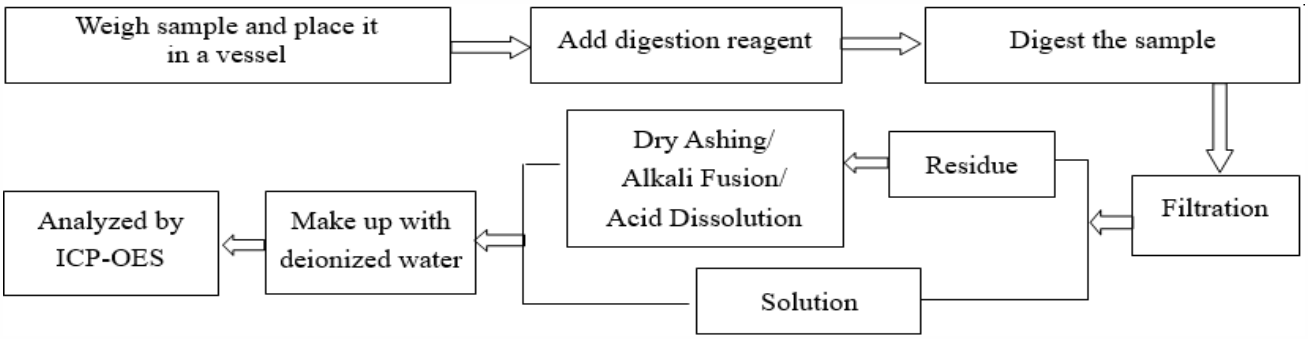
Remark: **The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.**
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million
-1000 mg/kg = 0.1%

Note: ***Indicates the item(s)/method(s) is (are) not in CNAS accreditation scope.**

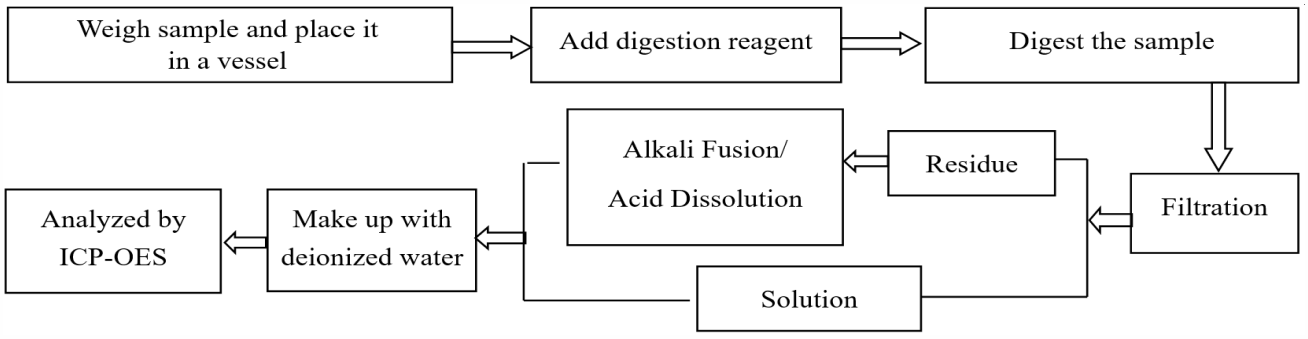
Test Report

Test Process

1. Lead (Pb), Cadmium (Cd), Chromium (Cr)

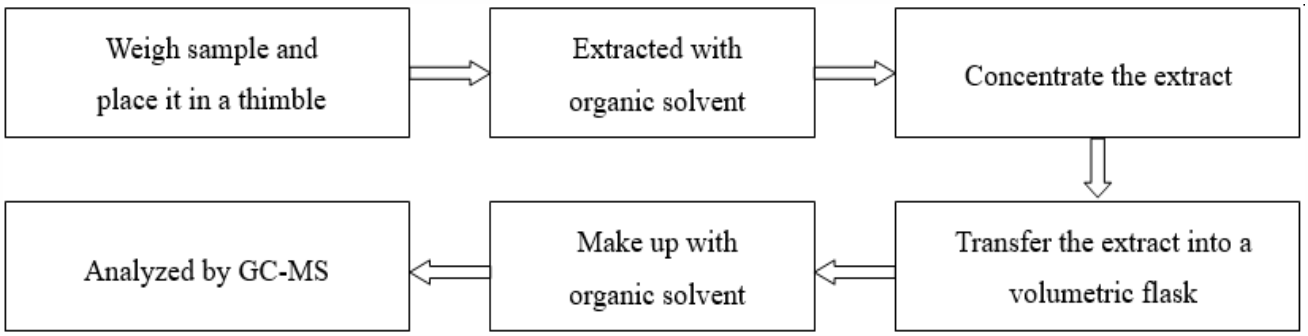


2. Mercury (Hg)

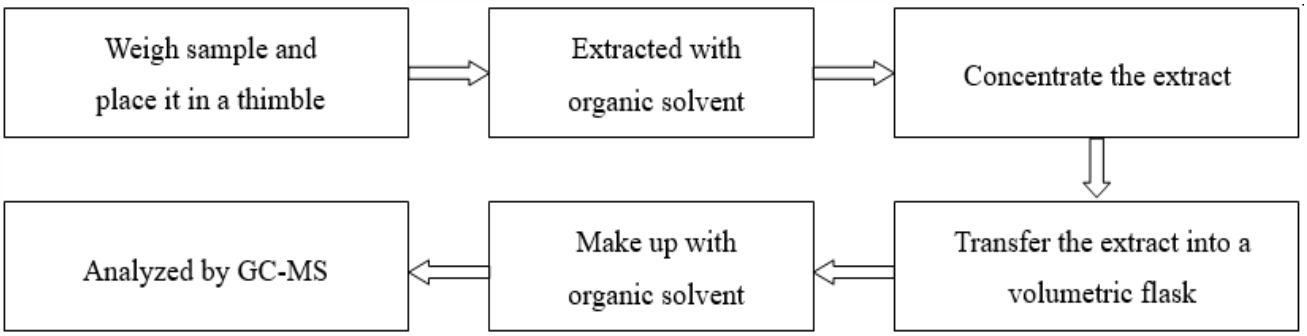


3. Hexavalent Chromium (Cr(VI))

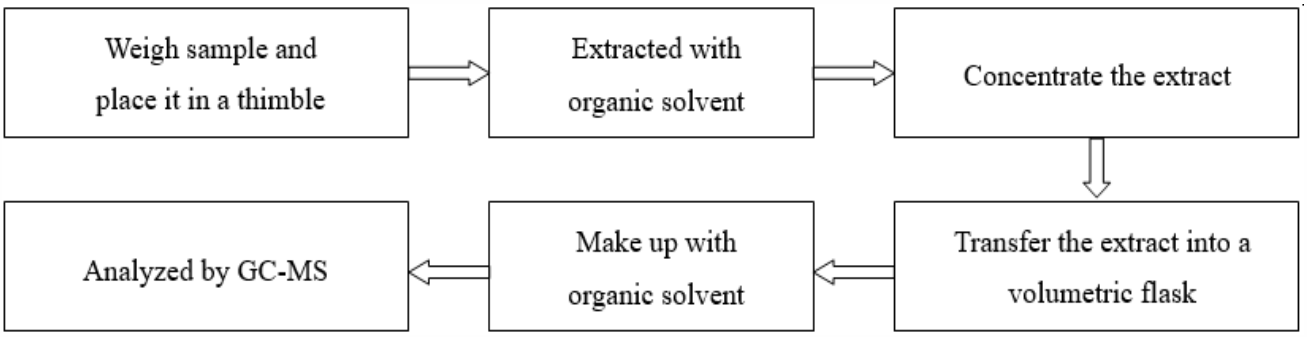
4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



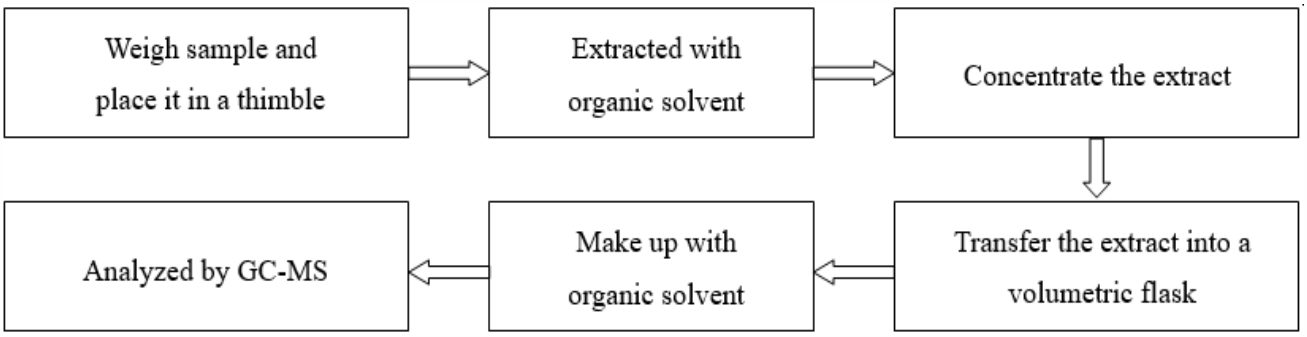
5. Phthalates (DBP, BBP, DEHP, DIBP)



6. Hexabromocyclododecane (HBCDD)



7. Phthalates



Test Report

Photo(s) of the sample(s)



Statement:

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2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
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*** End of report ***

Appendix

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Statement:

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2. The Appendix Information is/are the supplement(s) for the Report A2230262860101014.

CTI 华测检测

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TESTING
CNAS L1910

Test Report

Report No. A2230262860101017

Company Name shown on Report KAI TAT INDUSTRIES COMPANY

Address BUILDING 1, NO.2 CHANGZHEN ROAD,CHANGZHEN COMMUNITY,YUTANG STREET,GUANGMING DISTRICT,SHENZHEN CITY

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name	UL1061
Color	Red jacket
Material	PVC Electronic wire
Sample Received Date	Jun. 1, 2023
Testing Period	Jun. 1, 2023 to Jun. 17, 2023

Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP), Hexabromocyclododecane (HBCDD), Phthalates in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).

****

Conclusion

Tested Sample	According to standard/directive	Result
Submitted Sample	RoHS Directive 2011/65/EU with amendment (EU) 2015/863	PASS

****

PASS means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.

Approved by: Hill Zheng

Hill Zheng
Technical Manager

Date Jun. 17, 2023

No. R262627962

Centre Testing International Group Co.,Ltd.
CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

Test Report

Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS
Hexabromocyclododecane (HBCDD)	IEC 62321-9:2021	GC-MS
Phthalates	Refer to EN 14372:2004(E)	GC-MS

Test Report

Report No. A2230262860101017

Test Result(s)

Tested Item(s)	Result	MDL	Limit
	017		
Lead (Pb)	N.D.	2 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg	1000 mg/kg

Tested Item(s)	Result	MDL	Limit
	017		
Polybrominated Biphenyls (PBBs)			
Monobromobiphenyl	N.D.	5 mg/kg	1000 mg/kg
Dibromobiphenyl	N.D.	5 mg/kg	
Tribromobiphenyl	N.D.	5 mg/kg	
Tetrabromobiphenyl	N.D.	5 mg/kg	
Pentabromobiphenyl	N.D.	5 mg/kg	
Hexabromobiphenyl	N.D.	5 mg/kg	
Heptabromobiphenyl	N.D.	5 mg/kg	
Octabromobiphenyl	N.D.	5 mg/kg	
Nonabromobiphenyl	N.D.	5 mg/kg	
Decabromobiphenyl	N.D.	5 mg/kg	

Tested Item(s)	Result	MDL	Limit
	017		
Polybrominated Diphenyl Ethers (PBDEs)			
Monobromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg
Dibromodiphenyl ether	N.D.	5 mg/kg	
Tribromodiphenyl ether	N.D.	5 mg/kg	
Tetrabromodiphenyl ether	N.D.	5 mg/kg	
Pentabromodiphenyl ether	N.D.	5 mg/kg	
Hexabromodiphenyl ether	N.D.	5 mg/kg	
Heptabromodiphenyl ether	N.D.	5 mg/kg	
Octabromodiphenyl ether	N.D.	5 mg/kg	
Nonabromodiphenyl ether	N.D.	5 mg/kg	
Decabromodiphenyl ether	N.D.	5 mg/kg	

Test Report

Report No. A2230262860101017

Test Result(s)

Tested Item(s)	Result	MDL	Limit
	017		
Phthalates (DBP, BBP, DEHP, DIBP)			
Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg	1000 mg/kg
Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg	1000 mg/kg
Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg	1000 mg/kg
Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg	1000 mg/kg

Tested Item(s)	Result	MDL
	017	
Hexabromocyclododecane (HBCDD)	N.D.	20 mg/kg

Tested Item(s)	Result	MDL
	017	
Phthalates		
Di-2-propylheptyl phthalate (DPHpP) CAS#:53306-54-0*	N.D.	30 mg/kg

Sample/Part Description

No.	CTI Sample ID	Description
1	017	Red wire jacket

Remark: **The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.**
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million
-1000 mg/kg = 0.1%

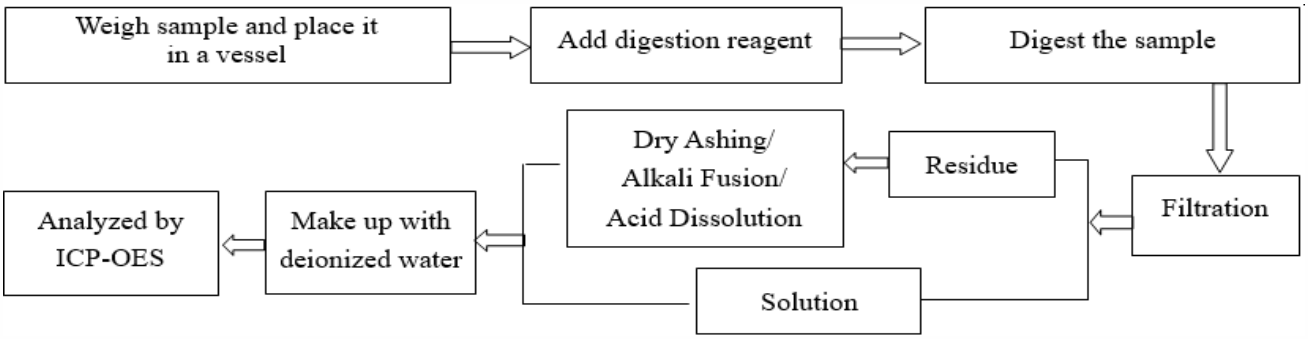
Note: ***Indicates the item(s)/method(s) is (are) not in CNAS accreditation scope.**

Test Report

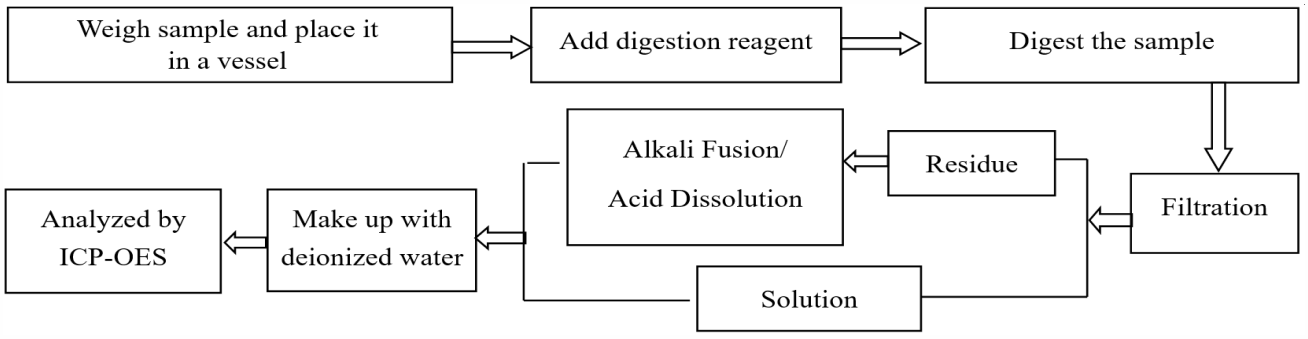
Report No. A2230262860101017

Test Process

1. Lead (Pb), Cadmium (Cd), Chromium (Cr)

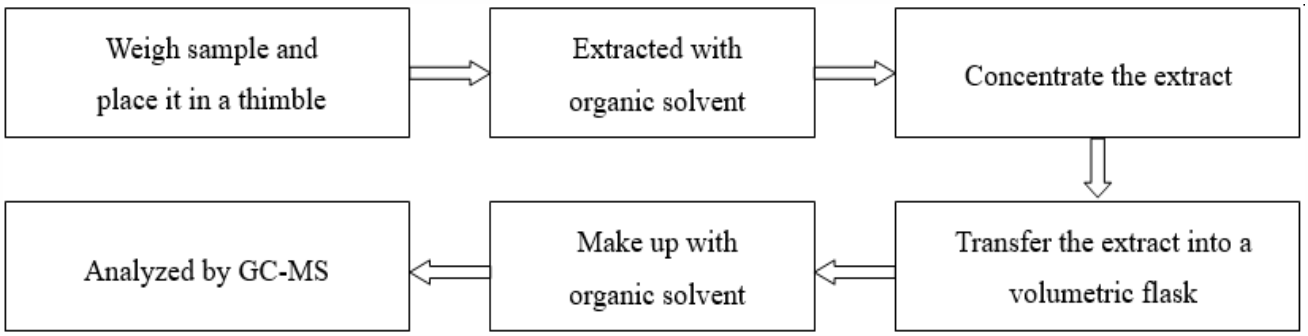


2. Mercury (Hg)

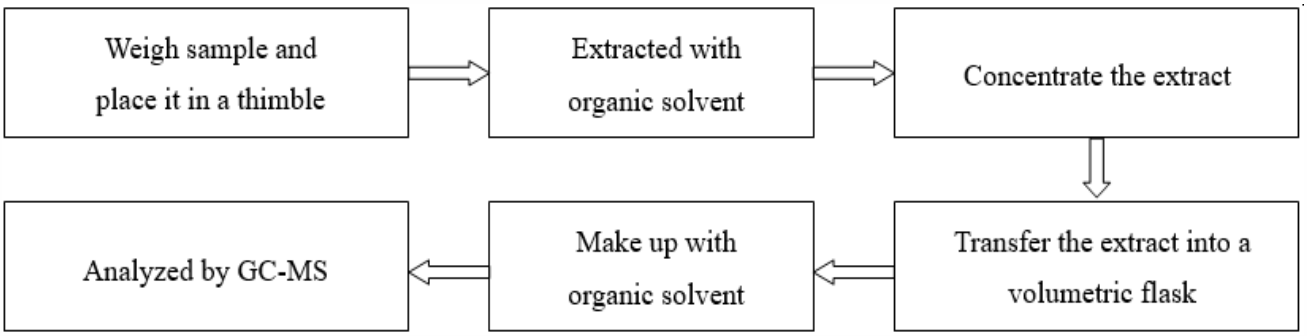


3. Hexavalent Chromium (Cr(VI))

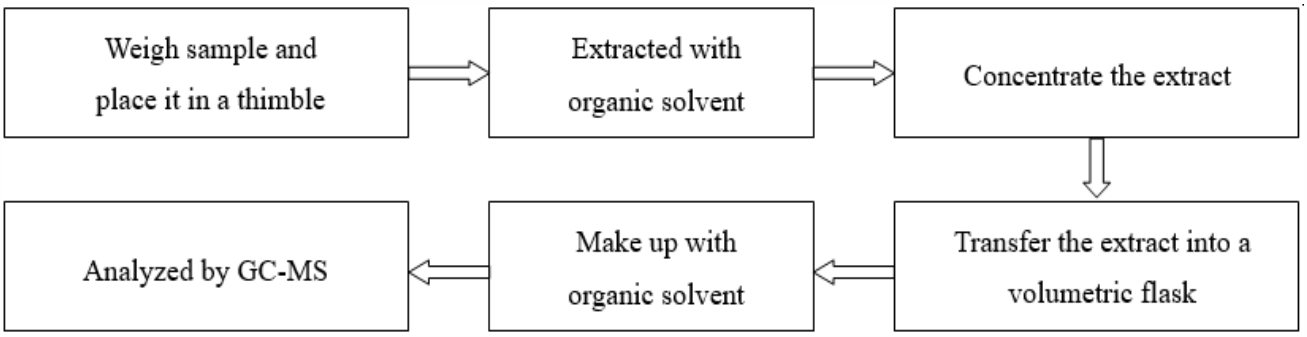
4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



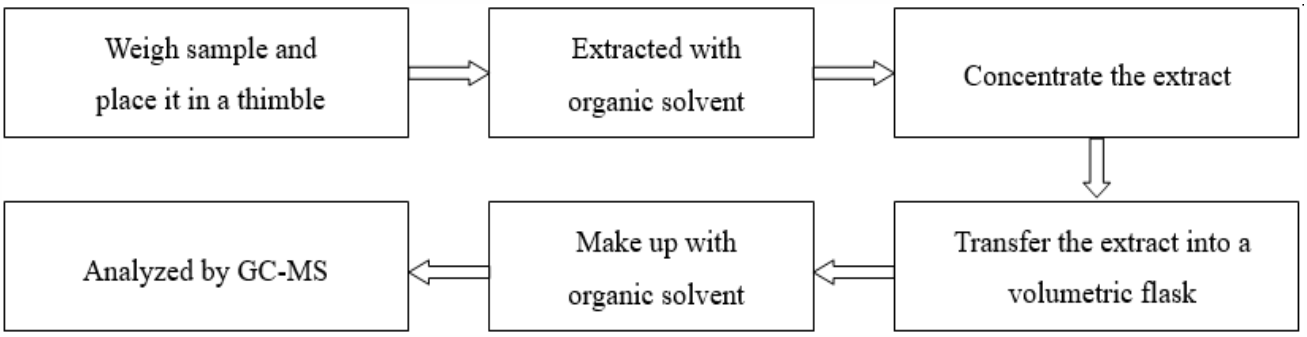
5. Phthalates (DBP, BBP, DEHP, DIBP)



6. Hexabromocyclododecane (HBCDD)

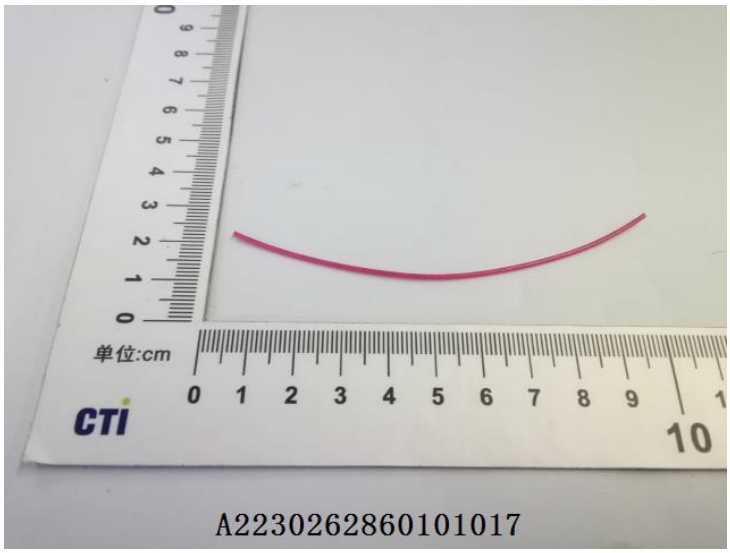


7. Phthalates



Test Report

Photo(s) of the sample(s)



Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full;
5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

*** End of report ***

Appendix

Client Reference Information

1007, 1061, 1095, 1571, 20276, 2468, 1015, 1617, 1672, 1185, 1533, 2464, 2547, 2517, 2854, 2835, 1430, 1431, 10272, 1032, 2651, 2661, 1569, 3443, 1028, 1685, 2103, 2661, 2920, 20080and FEIBIAO PVC LINE, CAR PVC LINE and rehearsal and line

Statement:

1. The Appendix Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
2. The Appendix Information is/are the supplement(s) for the Report A2230262860101017.

CTI 华测检测

180000343904

Test Report

Report No. A2230055303101001

Company Name shown on Report	DONGGUAN LINGFREE HARDWARE PLASTICS PRODUCT CO.LTD
Address	2 XIBAO ROAD, XITOU VILLAGE, HOUJIE TOWN, DONGGUAN CITY

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name	EVA套管
Color	黑
Material	EVA
Sample Received Date	Feb. 16, 2023
Testing Period	Feb. 16, 2023 to Feb. 21, 2023
Test Requested	As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP) in the submitted sample(s).
Test Method	Please refer to the following page(s).
Test Result(s)	Please refer to the following page(s).

Approved by: Hill Zheng

Hill Zheng

Technical Manager

Date: Feb. 21, 2023

No. R158925816

Centre Testing International Group Co.,Ltd.
CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

Test Report

Report No. A2230055303101001

Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS

Test Report

Report No. A2230055303101001

Test Result(s)

Tested Item(s)	Result	MDL
	001	
Lead (Pb)	N.D.	2 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg
Mercury (Hg)	N.D.	2 mg/kg
Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg

Tested Item(s)	Result	MDL
	001	
Polybrominated Biphenyls (PBBs)		
Monobromobiphenyl	N.D.	5 mg/kg
Dibromobiphenyl	N.D.	5 mg/kg
Tribromobiphenyl	N.D.	5 mg/kg
Tetrabromobiphenyl	N.D.	5 mg/kg
Pentabromobiphenyl	N.D.	5 mg/kg
Hexabromobiphenyl	N.D.	5 mg/kg
Heptabromobiphenyl	N.D.	5 mg/kg
Octabromobiphenyl	N.D.	5 mg/kg
Nonabromobiphenyl	N.D.	5 mg/kg
Decabromobiphenyl	N.D.	5 mg/kg

Tested Item(s)	Result	MDL
	001	
Polybrominated Diphenyl Ethers (PBDEs)		
Monobromodiphenyl ether	N.D.	5 mg/kg
Dibromodiphenyl ether	N.D.	5 mg/kg
Tribromodiphenyl ether	N.D.	5 mg/kg
Tetrabromodiphenyl ether	N.D.	5 mg/kg
Pentabromodiphenyl ether	N.D.	5 mg/kg
Hexabromodiphenyl ether	N.D.	5 mg/kg
Heptabromodiphenyl ether	N.D.	5 mg/kg
Octabromodiphenyl ether	N.D.	5 mg/kg
Nonabromodiphenyl ether	N.D.	5 mg/kg
Decabromodiphenyl ether	N.D.	5 mg/kg

Test Report

Report No. A2230055303101001

Test Result(s)

Tested Item(s)	Result	MDL
	001	
Phthalates (DBP, BBP, DEHP, DIBP)		
Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg
Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg
Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg
Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg

Sample/Part Description

No.	CTI Sample ID	Description
1	001	Black tube with white printing

Remark: **The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.**

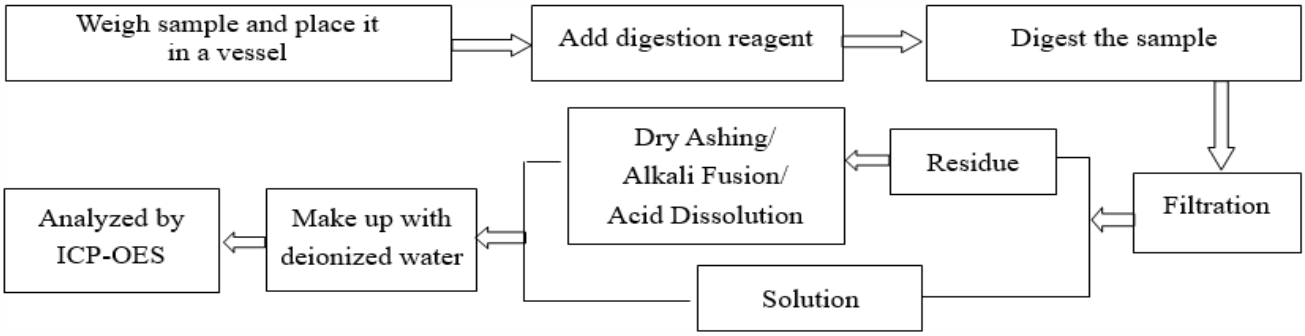
-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

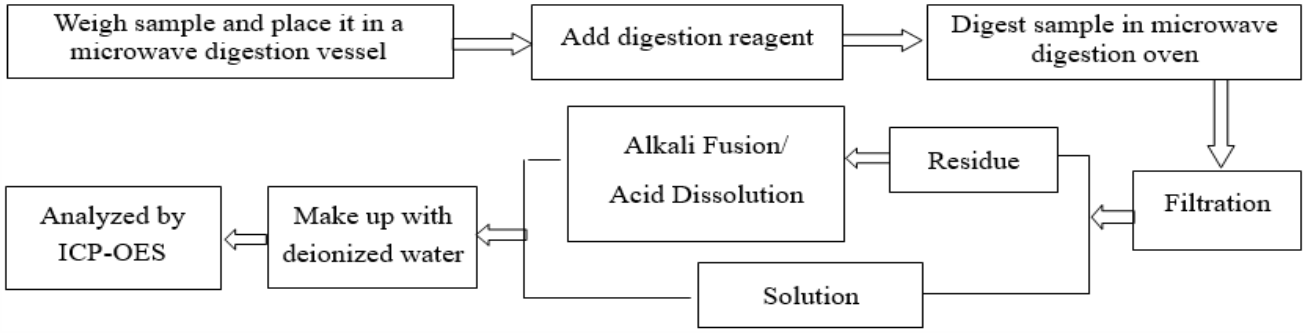
-mg/kg = ppm = parts per million

Test Process

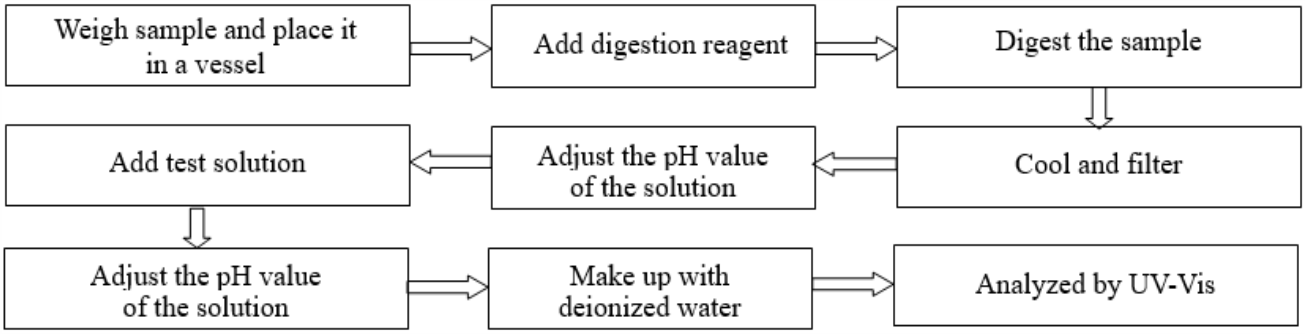
1. Lead (Pb), Cadmium (Cd), Chromium (Cr)



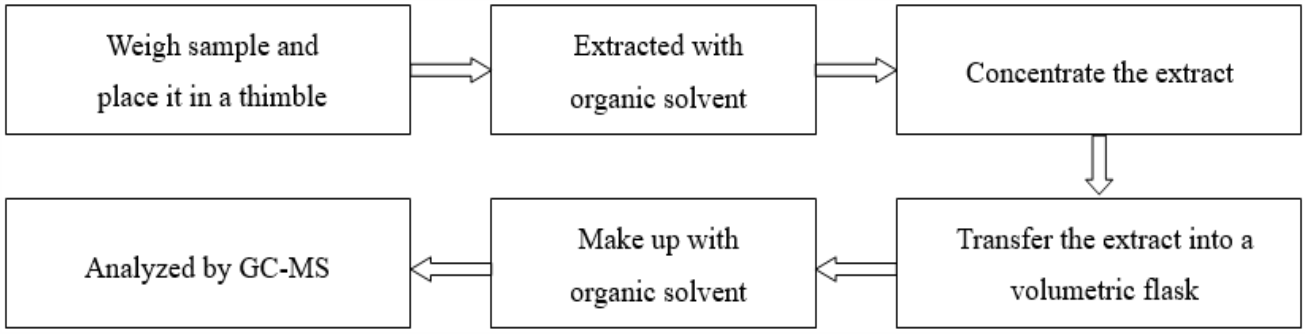
2. Mercury (Hg)



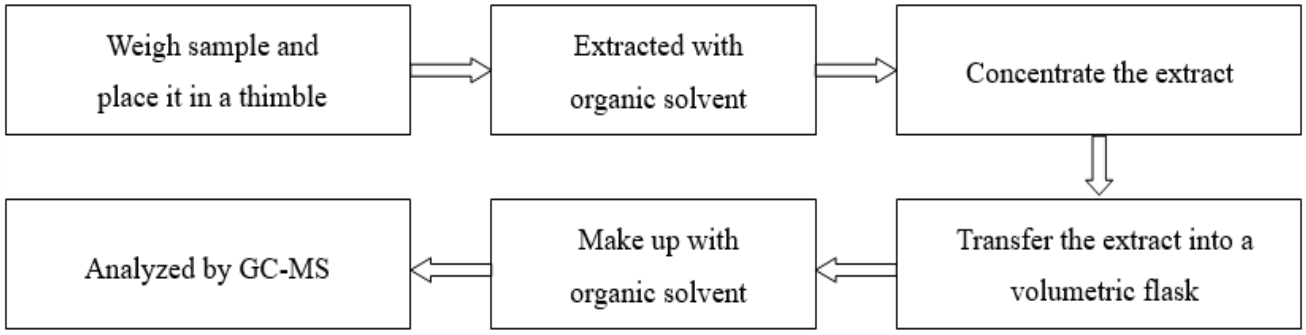
3. Hexavalent Chromium (Cr(VI))



4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



5. Phthalates (DBP, BBP, DEHP, DIBP)



Test Report

Report No. A2230055303101001

Photo(s) of the sample(s)



Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
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