陞曜國際企業有限公司

產品規格書

(P/N: 3MDL4XLB880)(M3499)

Files No: SY1131101003

Material: CLW5H

設計驗證
工程課
2024-11-22
發行
鈺德科技開發股份有限公司

Sumyao International Enterprise Co., LTD.

SUM YAO International Enterprise Co., LTD.

聯絡人：高左宇

TEL: 02-8693-2883

Fax : 02-8693-2993

APPROVAL SHEET

File No.：**SY1131101003**

Customer:	鈺緯科技發展股份有限公司	Part No.:	3MDL4XLB880(M3499)
Description	銅板紙75mm*126mm	Material Code	CLW5H

規 格 表
SPECIFICATION

DATE：02/18/2022

品 名 Article Name	銅版紙商標	構 造 Construction	→ 銅版紙 → 乳化型壓克力膠 → 格拉辛離型紙
代 號 Code	CLW5H		

面 層 Surface Material			底 層 Liner		
材 料 名 稱 Article Name		銅版紙	材 料 名 稱 Article Name		格拉辛離型紙
基 重 Base Weight	g/m²	80	基 重 Base Weight	g/m²	58
抗 張 力(MD) Tensile Strength	kgf/25mm	7.5~15	抗 張 力(MD) Tensile Strength	kgf/25mm	-
顏 色 Color		白	顏 色 Color		白

產 品 物 性 Physical Properties					
膠 系 Adhesive Base		乳化型壓克力	建 議 貼 標 溫 度 Labeling Temperature	°C	10~35
初 期 力 Initial Tack	#7/cm	2~15	建 議 適 用 溫 度 Service Temperature	°C	-20~80
粘 著 力 180° Peel Adhesion			總 基 重 Base Weight	g/m²	105±10
對鋼板 To Steel	kgf/25mm	1.0~2.5	總 厚 度 Total Thickness	mm	-
剝 離 力 Release Force	gf/25mm	3~10			

備 註 Remark：

保存條件 23±2℃ (73.4±3.6℉) , 65±5% RH；保存期限於製造日期後算起十二個月。

Preservation condition 23±2℃ (73.4±3.6℉) , 65±5% RH; storage life of the product is 12 months from the manufacturing date.

客戶仍須依其實際操作需求與目的，進行產品測試與確認或通知本司，提供進一步說明與服務。

Customers need to test and confirm products for the actual operational requirement and purpose or inform us to supply the further introduction and service.



四 維 精 密 材 料 股 份 有 限 公 司

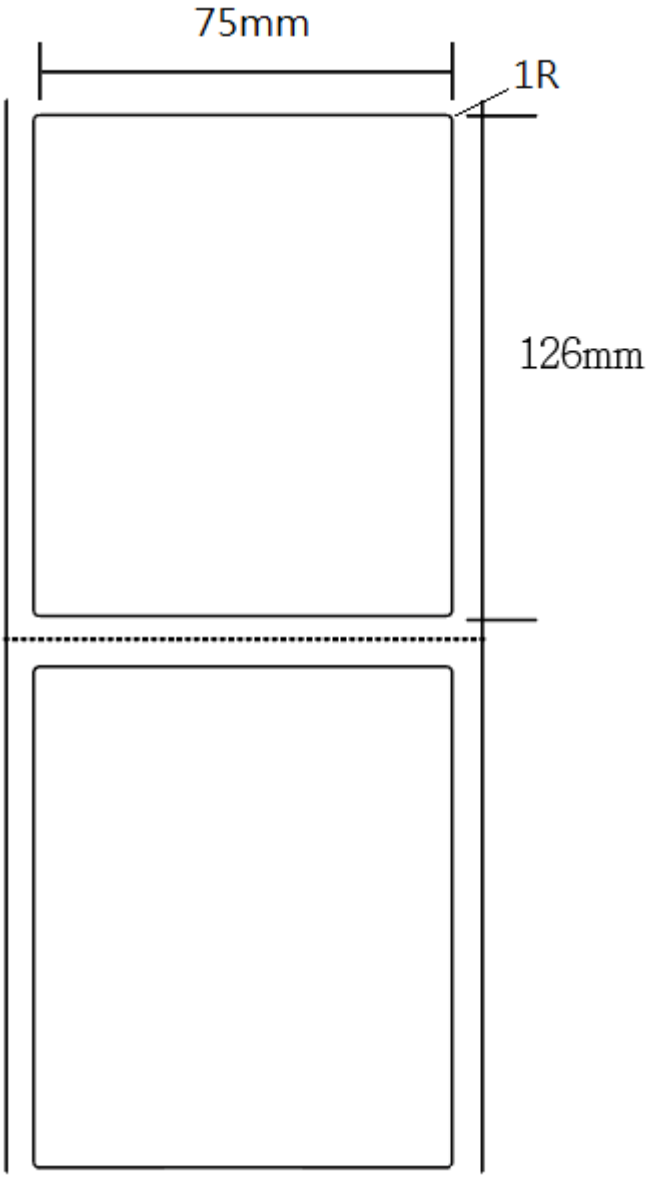
SYMBIO, INC.

0903-000-003 REV:3

1. Label Description

- Label Size：75mm(W) (+0.2/-0..2mm)*126mm(L) (+0.2/-0.2mm) R=1R*4
- Color Printed：Blank
- P/N： 3MDL4XLB880(M3499)

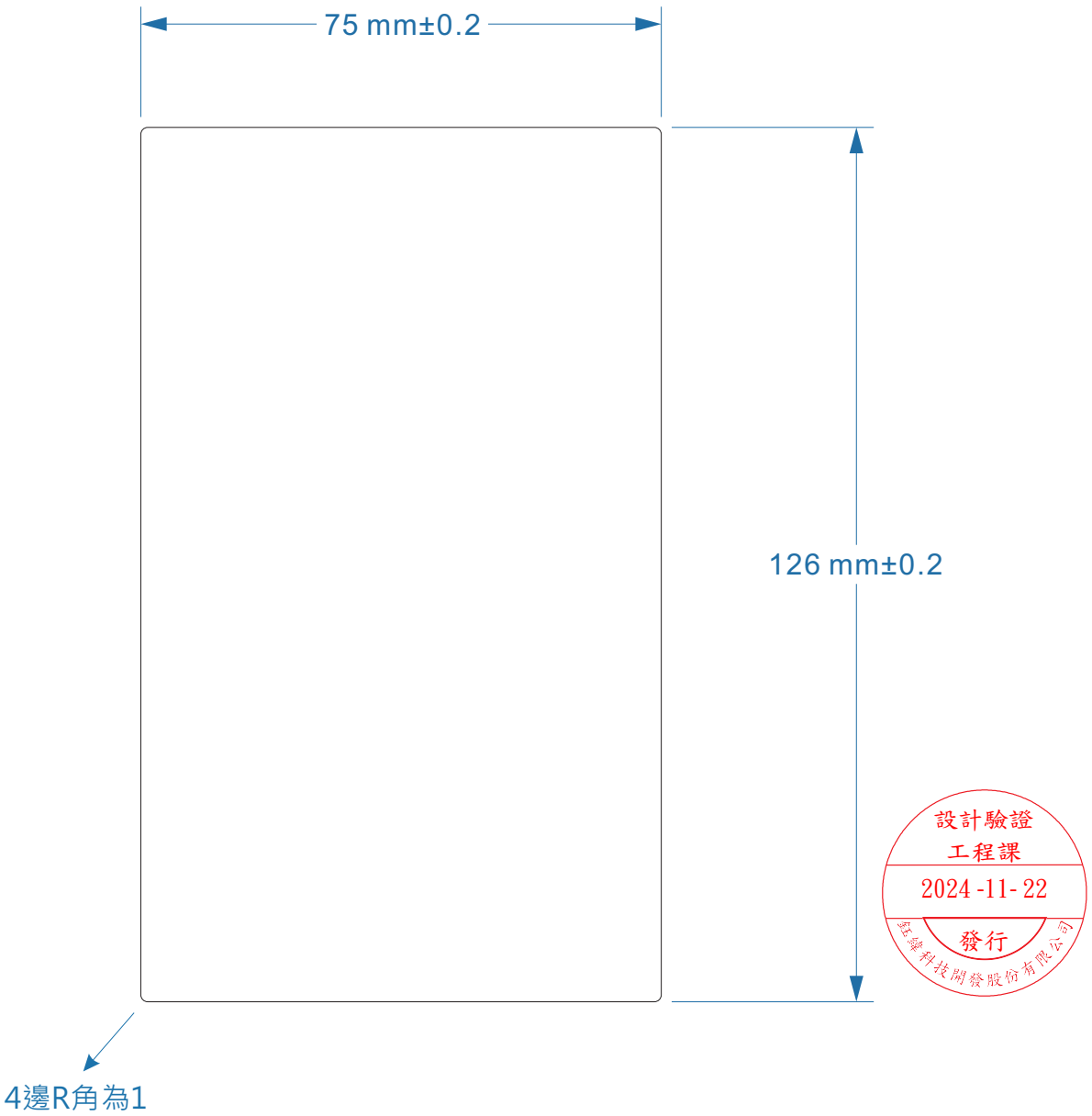
2. Drawing



Remark

Customer Approval By	Customer Check By	SumYao Check By	SumYao List By
		高左宇	陳妙真

REV.	DATE	DESCRIPTION	BY	APVD



設計驗證
工程課
2024 -11- 22
發行
鈺緯科技開發股份有限公司

Notes:
1.Material: Coated paper, Highly sticky adhesive.
2.Color: White.

SALES	THIRD ANGLE PROJECTION	UNITS:mm	SCALE : 1 / 1	SHEET: 1 / 1	MODEL NO.: 3MDL4XLB880
		MATERIAL: See notes		TREATMENT: See notes	
PE / PCD	DSGD by COCO	2024/11/05	PART NAME: CARTONLABEL(126*75mm,BLANK)		
	APVD by	2024/11/05	PART NO.: 3MDL4XLB880		VER. 0
	APVD No.: (M3499)	FILE NAME: 3MDL4XLB880.cdr	DIVA Laboratories,Ltd.		

CTI 華測檢測

檢測報告
Test Report

報告編號 A2230614867101001E
Report No. A2230614867101001E

報告抬頭公司名稱 四維創新材料股份有限公司
Company Name shown on Report AVATACK CO., LTD.
地 址 新竹縣湖口鄉鳳山村大同路36號
Address NO. 36, DATONG RD., HSINCHU INDUSTRIAL AREA, HSICHU, 303, TAIWAN, R.O.C

以下測試之樣品及樣品資訊由申請者提供並確認
The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

樣品名稱 Sample Name	商標紙 Paper Label
樣品顏色 Color	白色 White
材料名稱 Material	紙 Paper
樣品接收日期 Sample Received Date	2023.11.23 Nov. 23, 2023
樣品檢測日期 Testing Period	2023.11.23-2023.11.30 Nov. 23, 2023 to Nov. 30, 2023
檢測要求	根據客戶要求，對所提交樣品中的鉛(Pb)，鎘(Cd)，汞(Hg)，六價鉻(Cr(VI))，多溴聯苯(PBBs)，多溴二苯醚(PBDEs)，鄰苯二甲酸酯(DBP, BBP, DEHP, DIBP)，氟(F)，氯(Cl)，溴(Br)，碘(I)進行測試。
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), Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I) in the submitted sample(s).

檢測依據/檢測結果 請參見下頁。
Test Method/Test Result(s) Please refer to the following page(s).

批 准
Approved by

徐啟瑞
實驗室經理 Laboratory Manager

日 期
Date 2023.11.30

No. R392337334

台灣華測檢測技術有限公司檢測中心
Testing Center, Centre Testing International (Taiwan) Co., Ltd.

桃園市蘆竹區南崁路二段9號5樓之6
5F-6, No.9, Sec.2, Nankan Rd, Luzhu Dist., Taoyuan, Taiwan

檢測報告
Test Report

檢測依據 Test Method

測試項目 Test Item(s)	測試方法 Test Method	測試儀器 Measured Equipment(s)
鉛 Lead (Pb)	IEC 62321-5:2013	ICP-OES
鎘 Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
汞 Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
六價鉻 Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017	UV-Vis
多溴聯苯 Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
鄰苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS
氟 Fluorine (F)	參考EN 14582:2016 Refer to EN 14582:2016	IC
氯 Chlorine (Cl)	參考EN 14582:2016 Refer to EN 14582:2016	IC
溴 Bromine (Br)	參考EN 14582:2016 Refer to EN 14582:2016	IC
碘 Iodine (I)	參考EN 14582:2016 Refer to EN 14582:2016	IC

CTI 華測檢測

檢測報告
Test Report

檢測結果 Test Result(s)

測試項目 Tested Item(s)	結果 Result	方法檢出限 MDL
	001	
鉛 Lead (Pb)	N.D.	2 mg/kg
鎘 Cadmium (Cd)	N.D.	2 mg/kg
汞 Mercury (Hg)	N.D.	2 mg/kg
六價鉻 Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg

測試項目 Tested Item(s)	結果 Result	方法檢出限 MDL
	001	
多溴聯苯 Polybrominated Biphenyls (PBBs)		
一溴聯苯 Monobromobiphenyl	N.D.	5 mg/kg
二溴聯苯 Dibromobiphenyl	N.D.	5 mg/kg
三溴聯苯 Tribromobiphenyl	N.D.	5 mg/kg
四溴聯苯 Tetrabromobiphenyl	N.D.	5 mg/kg
五溴聯苯 Pentabromobiphenyl	N.D.	5 mg/kg
六溴聯苯 Hexabromobiphenyl	N.D.	5 mg/kg
七溴聯苯 Heptabromobiphenyl	N.D.	5 mg/kg
八溴聯苯 Octabromobiphenyl	N.D.	5 mg/kg
九溴聯苯 Nonabromobiphenyl	N.D.	5 mg/kg
十溴聯苯 Decabromobiphenyl	N.D.	5 mg/kg

測試項目 Tested Item(s)	結果 Result	方法檢出限 MDL
	001	
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)		
一溴二苯醚 Monobromodiphenyl ether	N.D.	5 mg/kg
二溴二苯醚 Dibromodiphenyl ether	N.D.	5 mg/kg
三溴二苯醚 Tribromodiphenyl ether	N.D.	5 mg/kg
四溴二苯醚 Tetrabromodiphenyl ether	N.D.	5 mg/kg
五溴二苯醚 Pentabromodiphenyl ether	N.D.	5 mg/kg
六溴二苯醚 Hexabromodiphenyl ether	N.D.	5 mg/kg
七溴二苯醚 Heptabromodiphenyl ether	N.D.	5 mg/kg
八溴二苯醚 Octabromodiphenyl ether	N.D.	5 mg/kg
九溴二苯醚 Nonabromodiphenyl ether	N.D.	5 mg/kg
十溴二苯醚 Decabromodiphenyl ether	N.D.	5 mg/kg

CTI 華測檢測

檢測報告
Test Report

檢測結果 Test Result(s)

測試項目 Tested Item(s)	結果 Result	方法檢出限 MDL
	001	
鄰苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)		
鄰苯二甲酸丁基苄基酯 Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg
鄰苯二甲酸二(2-乙基)己酯 Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg
鄰苯二甲酸二丁酯 Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg
鄰苯二甲酸二異丁酯 Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg

測試項目 Tested Item(s)	結果 Result	方法檢出限 MDL
	001	
氟 Fluorine (F)	N.D.	50 mg/kg
氯 Chlorine (Cl)	198 mg/kg	50 mg/kg
溴 Bromine (Br)	N.D.	50 mg/kg
碘 Iodine (I)	N.D.	50 mg/kg

樣品/部位描述Sample/Part Description

序號 No.	CTI樣品ID CTI Sample ID	描述 Description
1	001	混測, 白色紙與膠 (不含離型紙) Mixed test, white paper with adhesive (excluding the release paper)

備註: **對於檢測鉛, 鎘, 汞之樣品已消解完全。**
-N.D. = 未檢出 (小於方法檢出限)
-mg/kg = ppm = 百萬分之一
-根據客戶要求，對樣品進行混合測試，測試結果不代表混合測試樣品中任何一種單一材質的含量。

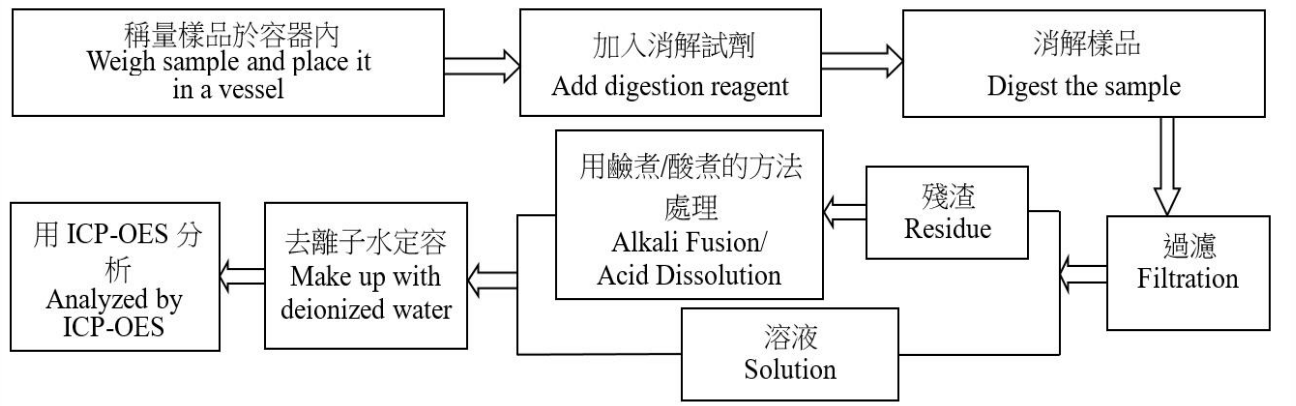
Remark: **The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.**
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million
-As specified by client, the test was conducted by mixing several samples together.
The result(s) shown on this report may be different from the content of any homogeneous material.

注釋: **本報告中的資料結果供科研、教學、企業內部品質控制、企業產品研發等目的用。**
Note: **The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.**

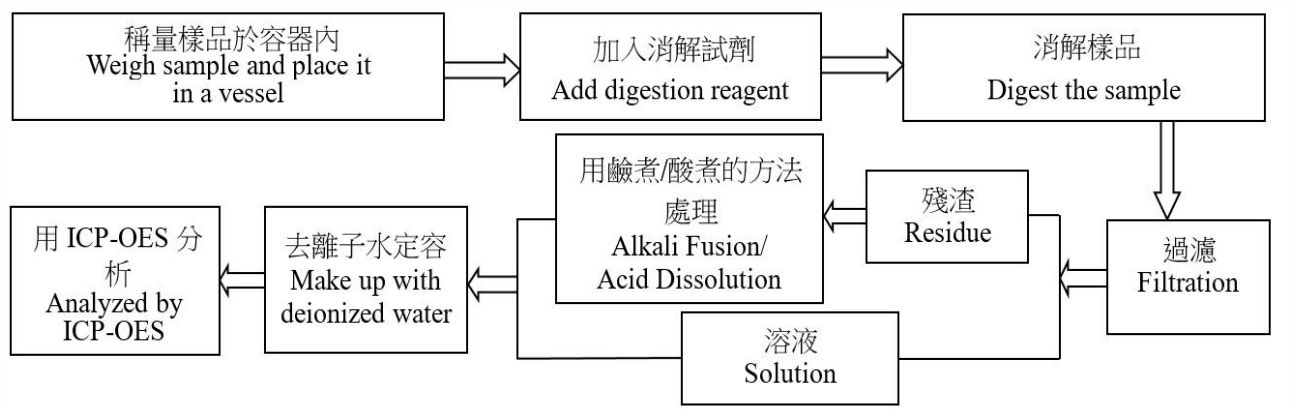
檢測報告
Test Report

檢測流程 Test Process

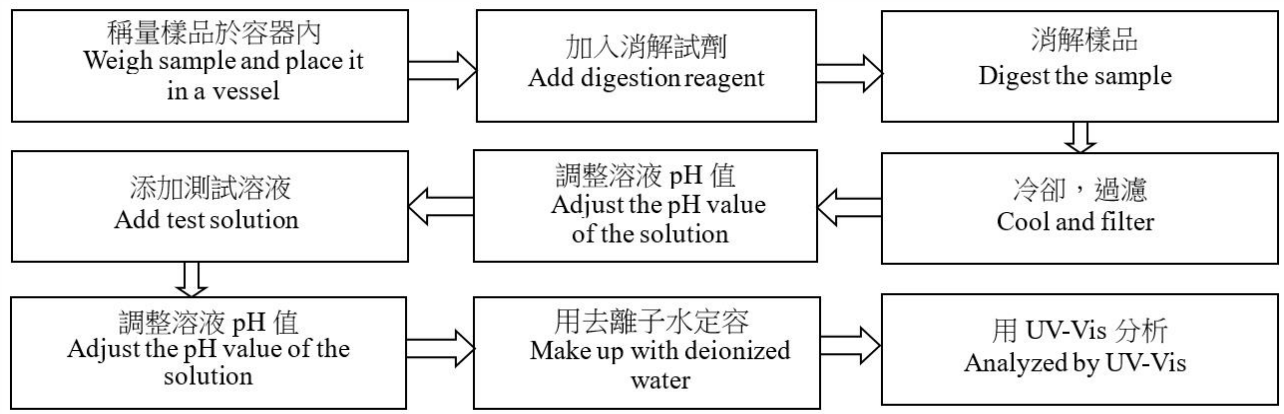
1. 鉛(Pb)， 鎘(Cd)
Lead (Pb), Cadmium (Cd)



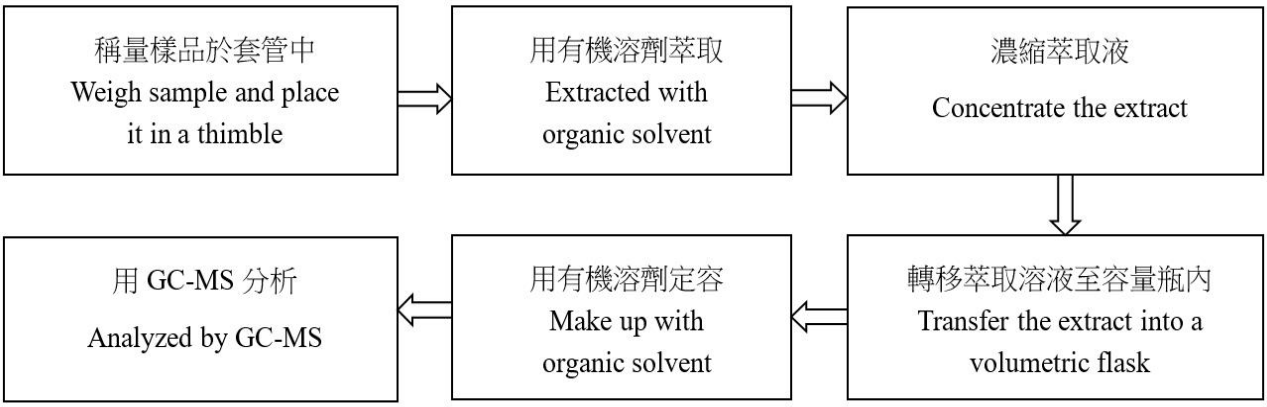
2. 汞(Hg)
Mercury (Hg)



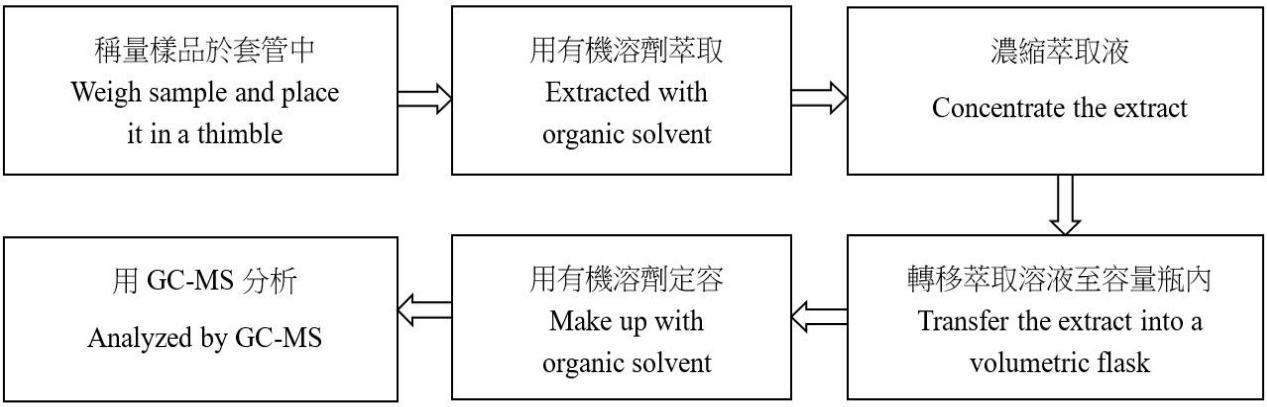
3. 六價鉻(Cr(VI))
Hexavalent Chromium (Cr(VI))



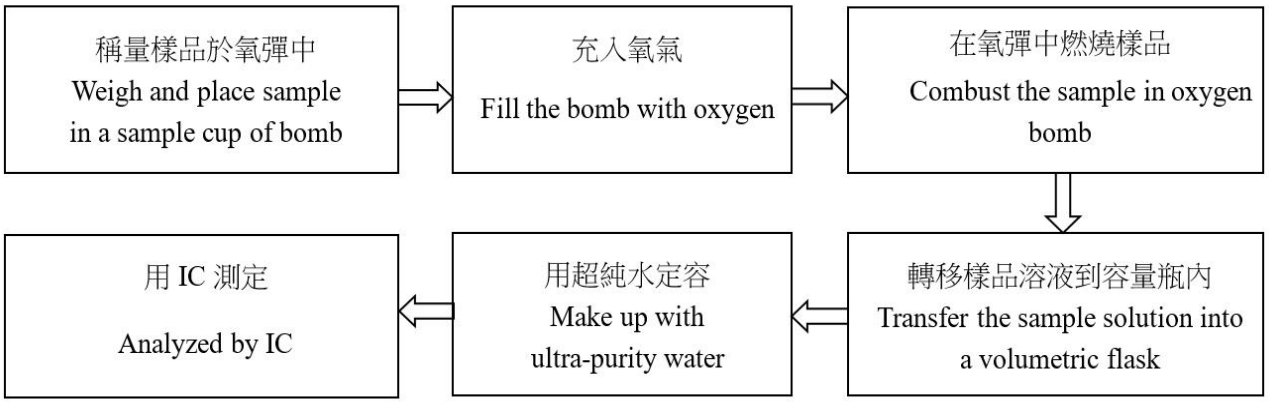
4. 多溴聯苯(PBBs)， 多溴二苯醚(PBDEs)
Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



5. 鄰苯二甲酸酯(DBP， BBP， DEHP， DIBP)
Phthalates (DBP, BBP, DEHP, DIBP)

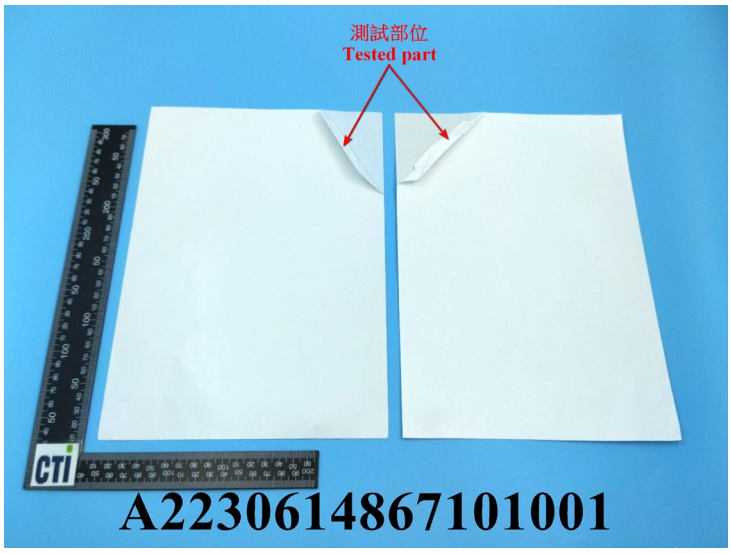


6. 氟(F)， 氯(Cl)， 溴(Br)， 碘(I)
Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I)



檢測報告
Test Report

樣品圖片
Photo(s) of the sample(s)



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   This report is considered invalid without approved signature, special seal and the seal on the perforation;
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   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. 本報告檢測結果僅對受測樣品負責；
   The result(s) shown in this report refer(s) only to the sample(s) tested;
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   In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

報告結束
*** End of report ***

附錄Appendix

客戶參考資訊Client Reference Information

No..	樣品品名
1	CL##、CL###、CL####
2	DL##、DL###、DL####

聲明Statement:

1. 附錄內容由申請者提供，申請者應對其真實性負責，CTI未核實其真實性。
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   The Appendix Information is/are the supplement(s) for the Report A2230614867101001E.