

## 測試報告

## Test Report

號碼(No.) : CE/2020/83641

日期(Date) : 2020/09/04

頁數(Page): 1 of 10

陳新塑膠股份有限公司

CHENG HSIN PLASTIC CO., LTD

雲林縣莿桐鄉麻園村埤寮路13號

NO. 13 PEIL LIAO, MA YUAN TSUN, TSYH TORNG HSIANG YUNLIN HSIEN, TAIWAN

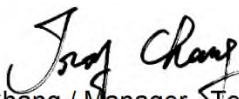
以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 陳新塑膠股份有限公司 (CHENG HSIN PLASTIC CO., LTD)  
樣品名稱(Sample Description) : ZIPPER BAG (夾鏈袋)  
收件日期(Sample Receiving Date) : 2020/08/24  
測試期間(Testing Period) : 2020/08/24 to 2020/09/04

### 測試需求(Test Requested) :

- (1) 依據客戶指定，參考94/62/EC指令，於送測樣品中檢測鎘、鉛、汞、六價鉻含量。(As specified by client, with reference to Directive 94/62/EC to determine Cadmium, Lead, Mercury and Hexavalent Chromium 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).

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



PIN CODE: C6CE2460

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

# 測試報告

# Test Report

號碼(No.) : CE/2020/83641

日期(Date) : 2020/09/04

頁數(Page): 2 of 10

陳新塑膠股份有限公司

CHENG HSIN PLASTIC CO., LTD

雲林縣莿桐鄉麻園村埤寮路13號

NO. 13 PEIL LIAO, MA YUAN TSUN, TSYH TORNG HSIANG YUNLIN HSIEN, TAIWAN

## 測試結果(Test Results)

測試部位(PART NAME)No. 1 : 透明塑膠袋及其綠色/白色印刷 (TRANSPARENT PLASTIC BAG WITH GREEN/WHITE PAINTED)

通過(PASS)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	限值 (Limit)
				No. 1	
鎘 / Cadmium (Cd)	mg/kg	參考IEC 62321-5: 2013, 以感應耦合電漿發射光譜儀檢測. / With reference to IEC 62321-5: 2013 and performed by ICP-OES.	2	n. d.	-
鉛 / Lead (Pb)	mg/kg	參考IEC 62321-5: 2013, 以感應耦合電漿發射光譜儀檢測. / With reference to IEC 62321-5: 2013 and performed by ICP-OES.	2	n. d.	-
汞 / Mercury (Hg)	mg/kg	參考IEC 62321-4:2013+ AMD1:2017, 以感應耦合電漿發射光譜儀檢測. / With reference to IEC 62321-4:2013+ AMD1:2017 and performed by ICP-OES.	2	n. d.	-
六價鉻 / Hexavalent Chromium Cr(VI)	mg/kg	參考IEC 62321-7-2: 2017, 以UV-VIS 檢測. / With reference to IEC 62321-7-2: 2017 and performed by UV-VIS.	8	n. d.	-
鎘+鉛+汞+六價鉻 / Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI)	mg/kg	鎘+鉛+汞+六價鉻總和 / Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI) (94/62/EC)	-	n. d.	100

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

# 測試報告

# Test Report

號碼(No.) : CE/2020/83641

日期(Date) : 2020/09/04

頁數(Page): 3 of 10

陳新塑膠股份有限公司

CHENG HSIN PLASTIC CO., LTD

雲林縣莿桐鄉麻園村埤寮路13號

NO. 13 PEIL LIAO, MA YUAN TSUN, TSYH TORNG HSIANG YUNLIN HSIEN, TAIWAN

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	限值 (Limit)
				No. 1	
多溴聯苯總和 / Sum of PBBs	mg/kg	參考IEC 62321-6: 2015, 以氣相層析/ 質譜儀檢測. / With reference to IEC 62321-6: 2015 and performed by GC/MS.	-	n. d.	-
一溴聯苯 / Monobromobiphenyl	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.	-
多溴聯苯醚總和 / Sum of PBDEs	mg/kg		-	n. d.	-
一溴聯苯醚 / Monobromodiphenyl ether	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.	-	
全氟辛烷磺酸及其鹽類 / PFOS and its salts (CAS No.: 1763-23-1 and its salts)	mg/kg	參考CEN/TS 15968: 2010, 以液相層析/ 質譜儀檢測. / With reference to CEN/TS 15968: 2010. Analysis was performed by LC/MS.	0.01	n. d.	-
全氟辛酸及其鹽類 / PFOA and its salts (CAS No.: 335-67-1 and its salts)	mg/kg		0.01	n. d.	-

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

# 測試報告

# Test Report

號碼(No.) : CE/2020/83641

日期(Date) : 2020/09/04

頁數(Page): 4 of 10

陳新塑膠股份有限公司

CHENG HSIN PLASTIC CO., LTD

雲林縣莿桐鄉麻園村埤寮路13號

NO. 13 PEIL LIAO, MA YUAN TSUN, TSYH TORNG HSIANG YUNLIN HSIEN, TAIWAN

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	限值 (Limit)
				No. 1	
鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No. : 117-81-7)	mg/kg	參考IEC 62321-8: 2017, 以氣相層析/ 質譜儀檢測. / With reference to IEC 62321-8: 2017. Analysis was performed by GC/MS.	50	n. d.	-
鄰苯二甲酸丁基甲酯 / BBP (Butyl Benzyl phthalate) (CAS No. : 85-68-7)	mg/kg		50	n. d.	-
鄰苯二甲酸二丁酯 / DBP (Dibutyl phthalate) (CAS No. : 84-74-2)	mg/kg		50	n. d.	-
鄰苯二甲酸二異丁酯 / DIBP (Di- isobutyl phthalate) (CAS No. : 84-69- 5)	mg/kg		50	n. d.	-
<b>鹵素 / Halogen</b>					
鹵素 (氟) / Halogen-Fluorine (F) (CAS No. : 14762-94-8)	mg/kg	參考BS EN 14582: 2016, 以離子層析 儀分析. / With reference to BS EN 14582: 2016. Analysis was performed by IC.	50	n. d.	-
鹵素 (氯) / Halogen-Chlorine (Cl) (CAS No. : 22537-15-1)	mg/kg		50	n. d.	-
鹵素 (溴) / Halogen-Bromine (Br) (CAS No. : 10097-32-2)	mg/kg		50	n. d.	-
鹵素 (碘) / Halogen-Iodine (I) (CAS No. : 14362-44-8)	mg/kg		50	n. d.	-

**備註(Note) :**

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n. d. = Not Detected (未檢出)
4. "-" = Not Regulated (無規格值)
5. 全氟辛烷磺酸及其鹽類包含 / PFOS and its salts including :  
CAS No. : 29081-56-9, 2795-39-3, 29457-72-5, 70225-14-8, 56773-42-3, 251099-16-8, 307-35-7.
6. 全氟辛酸及其鹽類包含 / PFOA and its salts including :  
CAS No. : 3825-26-1, 335-95-5, 2395-00-8, 335-93-3, 335-66-0.
7. 符合性結果之判定係以測試結果與限值做比較。 / The statement of compliance conformity is based on comparison of testing results and limits.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

## 測試報告

## Test Report

號碼(No.) : CE/2020/83641

日期(Date) : 2020/09/04

頁數(Page): 5 of 10

陳新塑膠股份有限公司

CHENG HSIN PLASTIC CO., LTD

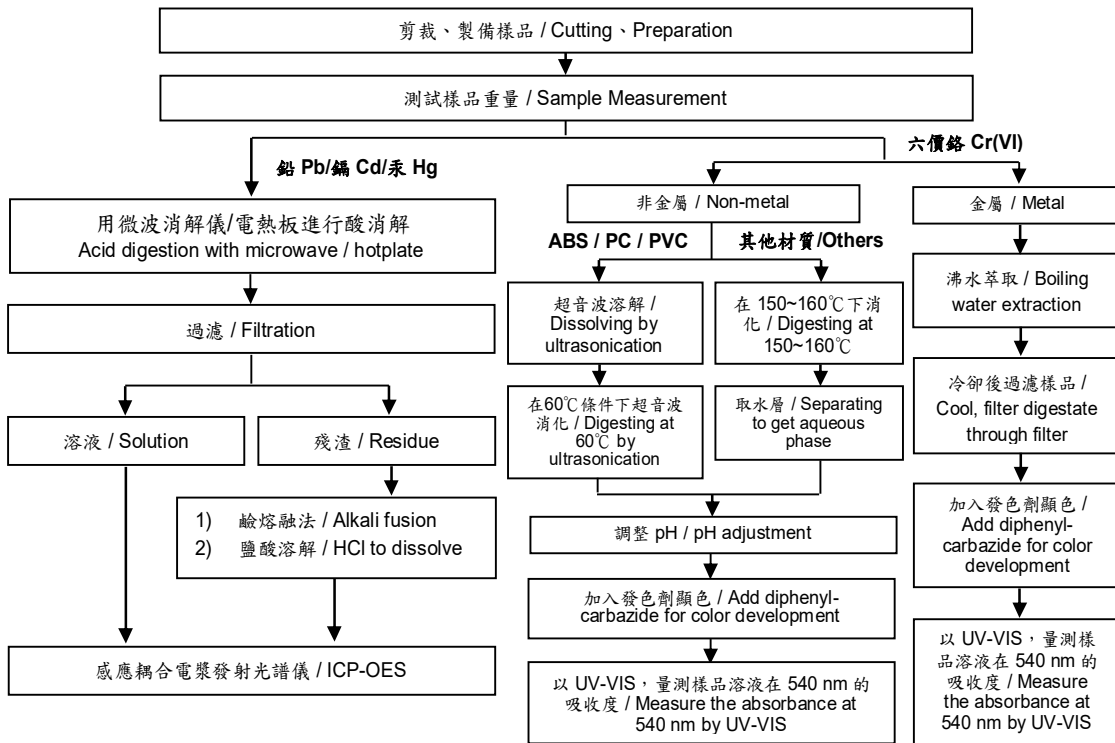
雲林縣莿桐鄉麻園村埤寮路13號

NO. 13 PEIL LIAO, MA YUAN TSUN, TSYH TORNG HSIANG YUNLIN HSIEN, 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<sup>6+</sup> test method excluded)



## 測試報告

## Test Report

號碼(No.) : CE/2020/83641

日期(Date) : 2020/09/04

頁數(Page): 6 of 10

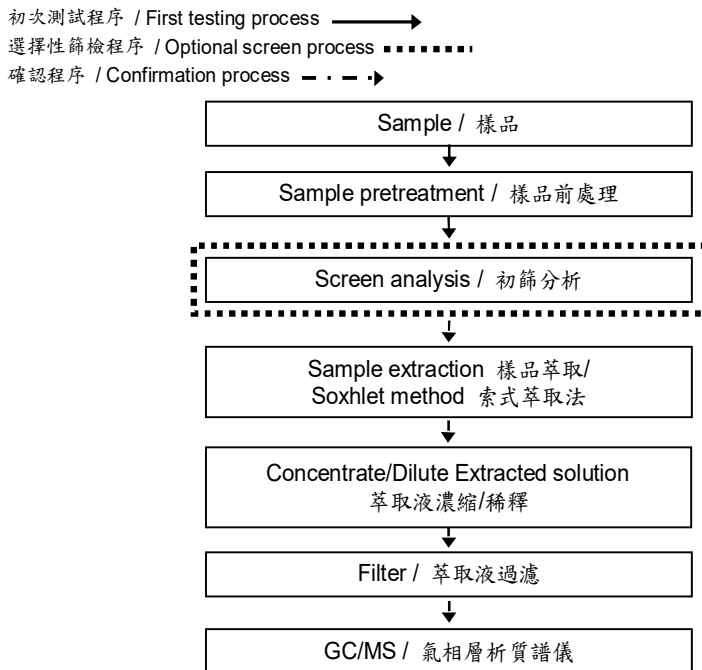
陳新塑膠股份有限公司

CHENG HSIN PLASTIC CO., LTD

雲林縣莿桐鄉麻園村埤寮路13號

NO. 13 PEIL LIAO, MA YUAN TSUN, TSYH TORNG HSIANG YUNLIN HSIEN, TAIWAN

### 多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBB/PBDE



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

## 測試報告

## Test Report

號碼(No.) : CE/2020/83641

日期(Date) : 2020/09/04

頁數(Page): 7 of 10

陳新塑膠股份有限公司

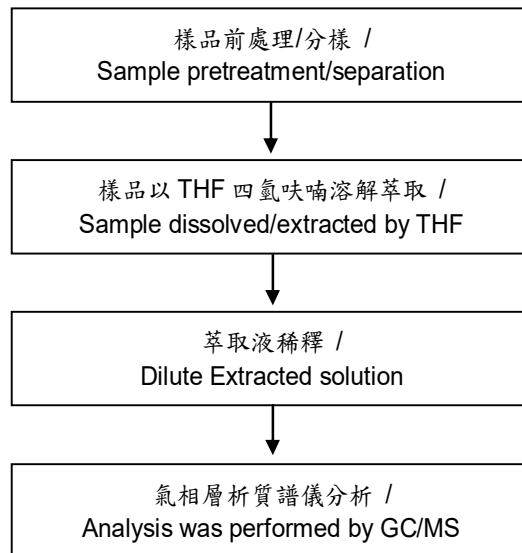
CHENG HSIN PLASTIC CO., LTD

雲林縣莿桐鄉麻園村埤寮路13號

NO. 13 PEIL LIAO, MA YUAN TSUN, TSYH TORNG HSIANG YUNLIN HSIEN, TAIWAN

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

#### 【測試方法/Test method: IEC 62321-8】



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

# 測試報告

# Test Report

號碼(No.) : CE/2020/83641

日期(Date) : 2020/09/04

頁數(Page): 8 of 10

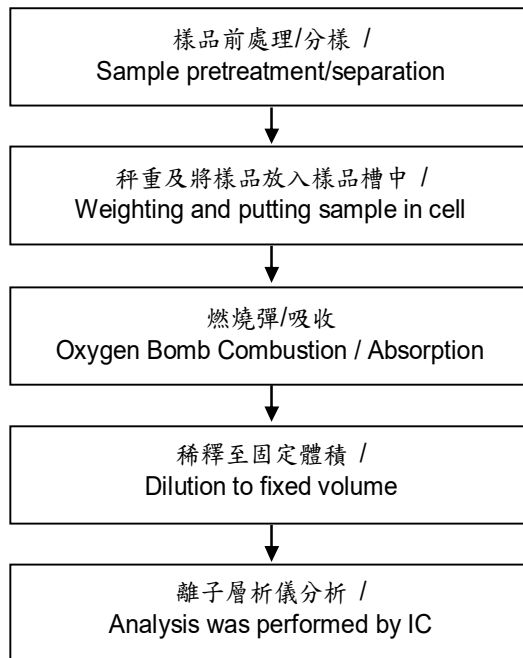
陳新塑膠股份有限公司

CHENG HSIN PLASTIC CO., LTD

雲林縣莿桐鄉麻園村埤寮路13號

NO. 13 PEIL LIAO, MA YUAN TSUN, TSYH TORNG HSIANG YUNLIN HSIEN, TAIWAN

### 鹵素分析流程圖 / Analytical flow chart - Halogen



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.



## 測試報告

## Test Report

號碼(No.) : CE/2020/83641

日期(Date) : 2020/09/04

頁數(Page): 9 of 10

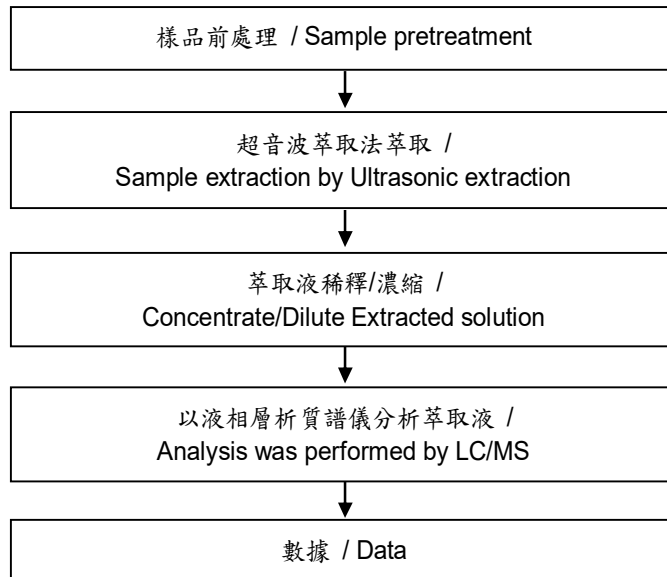
陳新塑膠股份有限公司

CHENG HSIN PLASTIC CO., LTD

雲林縣莿桐鄉麻園村埤寮路13號

NO. 13 PEIL LIAO, MA YUAN TSUN, TSYH TORNG HSIANG YUNLIN HSIEN, TAIWAN

### 全氟辛酸/全氟辛烷磺酸分析流程圖 / Analytical flow chart - PFOA/PFOS



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

## 測試報告

## Test Report

號碼(No.) : CE/2020/83641

日期(Date) : 2020/09/04

頁數(Page): 10 of 10

陳新塑膠股份有限公司

CHENG HSIN PLASTIC CO., LTD

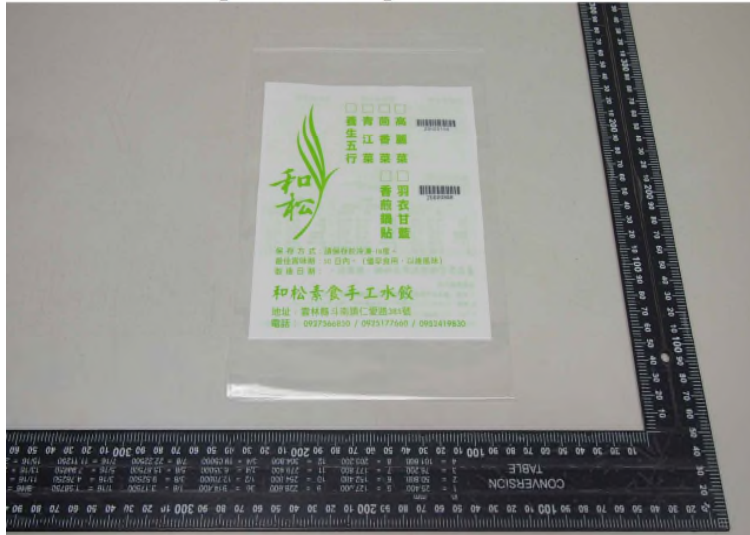
雲林縣莿桐鄉麻園村埤寮路13號

NO. 13 PEIL LIAO, MA YUAN TSUN, TSYH TORNG HSIANG YUNLIN HSIEN, 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.)

### CE/2020/83641



\*\* 報告結尾 (End of Report) \*\*

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.