



測試報告 / Test Report

工服編號 / Application No 20-06-QAC-082

承辦日期 / Date of Receipt 2020/06/12

測試日期 / Date of Performance 2020/06/15

報告日期 / Date of Issue 2020/06/19

委託機構 / Manufacturer 嘉澎塑膠有限公司

Chia Pang Plastics Co., Ltd.

地址 / Address

台中市大雅區神林南路 513 巷 13 號

No.13, Ln.513, Shenlin S. Rd., Daya Dist., Taichung City 428, Taiwan (R.O.C.)

樣品名稱 / Sample Description 鑲琪牌-PP 塑膠材質 / Hershey Valve -PP Plastic

樣品型號 / Model No. ---

測試內容 / Report Content A. 樣品敘述與測試結果 / Sample Information & Results

B. 樣品圖片 / Sample Photo

C. 流程圖 / Flow Chart

1. 送測樣品及其相關訊息均由客戶提供並已經由客戶確認無誤。 / Any sample(s) and its information listed in this document are provided and identified by clients.

2. 本報告僅對測試樣品負責。 / This report only refers to the specimen(s); it does not imply the result of production to tested sample(s).

3. 非經本中心同意，本報告內容不得以任何方式摘錄複印使用。(全部複印除外)。 / This Test Report cannot be reproduced, except in full, without prior written permission of the laboratory.

報告簽署人 / Approved by:

Laboratory Representative

The content of this PDF file is in accordance with its original issued Test Report. PDF files are for reference only.

A 樣品敘述 / Sample Information

No.1

樣品編號 / Sample No. 20-06-QAC-082

樣品名稱 / Sample Description 鑲琪牌-PP 塑膠材質 / Hershey Valve -PP Plastic

樣品型號 / Model No. ---

測試結果 / Test Results

測試項目 Test Item(s)	儀器設備 Instruments	參考測試方法 Reference Method	測試結果 / Test Results (單位 / Unit : ppm)	
			No.1	方法偵測極限 MDL
鉛 / Pb (CAS No.7439-92-1)	ICP-OES	IEC 62321-5:2013 Totally Dissolved	N.D.	2.0
鎘 / Cd (CAS No.7440-43-9)	ICP-OES	IEC 62321-5:2013 Totally Dissolved	N.D.	2.0
汞 / Hg (CAS No.7439-97-6)	ICP-OES	IEC 62321-4:2013 Totally Dissolved	N.D.	2.0
六價鉻 / Cr ⁶⁺ (CAS No.1333-82-0)	UV-VIS	IEC 62321-7-2:2017	N.D.	8.0
多溴聯苯 / PBBs (CAS No.059536-65-1)				
Monobromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
Dibromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
Tribromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
Tetrabromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
Pentabromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
Hexabromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
Heptabromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0

The content of this PDF file is in accordance with its original issued Test Report. PDF files are for reference only.

測試項目 Test Item(s)	儀器設備 Instruments	參考測試方法 Reference Method	測試結果 / Test Results (單位 / Unit : ppm)	
			No.1	方法偵測極限 MDL
Octabromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
Nonabromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
Decabromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
多溴聯苯醚 / PBDEs (CAS No.1163-19-5)				
Monobromodiphenyl ether	GC-MS	IEC 62321-6:2015	N.D.	5.0
Dibromodiphenyl ether	GC-MS	IEC 62321-6:2015	N.D.	5.0
Tribromodiphenyl ether	GC-MS	IEC 62321-6:2015	N.D.	5.0
Tetrabromodiphenyl ether	GC-MS	IEC 62321-6:2015	N.D.	5.0
Pentabromodiphenyl ether	GC-MS	IEC 62321-6:2015	N.D.	5.0
Hexabromodiphenyl ether	GC-MS	IEC 62321-6:2015	N.D.	5.0
Heptabromodiphenyl ether	GC-MS	IEC 62321-6:2015	N.D.	5.0
Octabromodiphenyl ether	GC-MS	IEC 62321-6:2015	N.D.	5.0
Nonabromodiphenyl ether	GC-MS	IEC 62321-6:2015	N.D.	5.0
Decabromodiphenyl ether	GC-MS	IEC 62321-6:2015	N.D.	5.0

The content of this PDF file is in accordance with its original issued Test Report. PDF files are for reference only.

測試項目 Test Item(s)	儀器設備 Instruments	參考測試方法 Reference Method	測試結果 / Test Results (單位 / Unit : ppm)	
			No.1	方法偵測極限 MDL
鄰苯二甲酸酯 / Phthalates				
Diisobutyl phthalate (DIBP) (CAS No.84-69-5)	GC-MS	IEC 62321-8:2017	N.D.	50.0
Di(2-ethyl hexyl) phthalate (DEHP) (CAS No.117-81-7)	GC-MS	IEC 62321-8:2017	N.D.	50.0
Di-n-butyl phthalate (DBP) (CAS No.84-74-2)	GC-MS	IEC 62321-8:2017	N.D.	50.0
Butyl benzyl phthalate (BBP) (CAS No.85-68-7)	GC-MS	IEC 62321-8:2017	N.D.	50.0
Diisononyl phthalate (DINP) (CAS No.68515-48-0)	GC-MS	IEC 62321-8:2017	N.D.	50.0
Diisodecyl phthalate (DIDP) (CAS No.26761-40-0)	GC-MS	IEC 62321-8:2017	N.D.	50.0

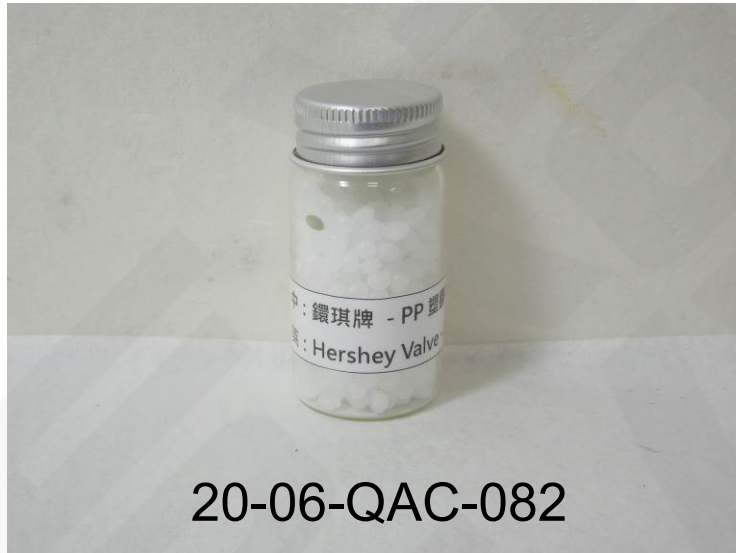
備註 / Note :

1. N.D. : 即為偵測不到 / Not Detected.
2. MDL : 方法偵測極限 / Method Detection Limit.
3. ppm : = mg/kg (0.1% = 1000 ppm)
4. 測試儀器中英文對照 / Sino-British Contrast of the instrument
 - a. ICP-OES 感應耦合電漿原子發射光譜儀
 - b. UV-VIS 分光光度計
 - c. GC-MS 氣相層析質譜儀
5. 測試人員 / Tested by : Ellen、ZIV、Wei
6. 檢閱人員 / Reviewed by : sujane

33383 桃園市龜山區文明路 29 巷 8 號 • 03-328-0026 • www.etc.org.tw

No. 8, Lane 29, Wenming Rd., Guishan Dist. Taoyuan City 33383, Taiwan, R.O.C. • 03-328-0026 • www.etc.org.tw

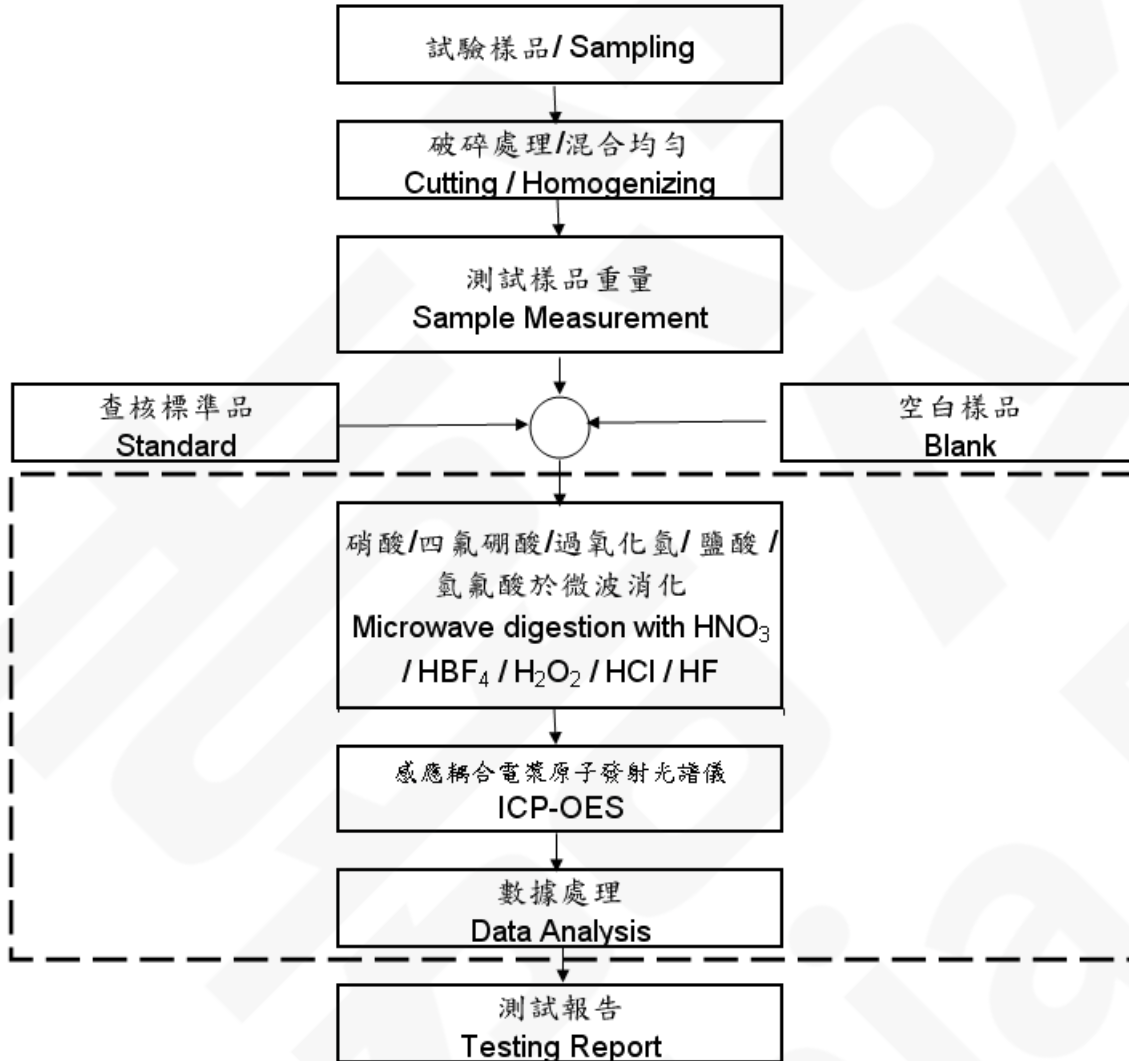
B. 樣品照片 / Sample Photo



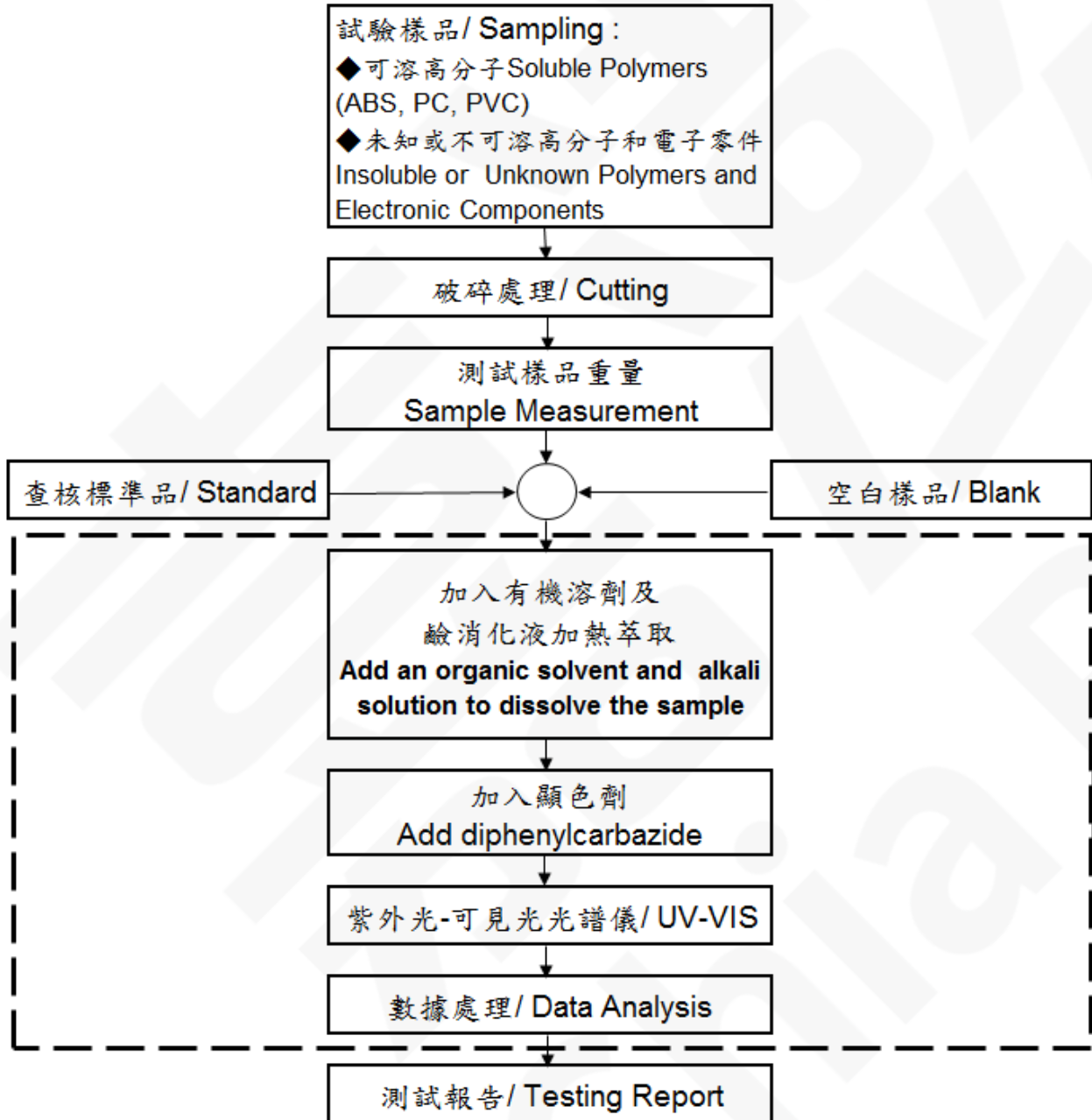
測試部位：顆粒

The content of this PDF file is in accordance with its original issued Test Report. PDF files are for reference only.

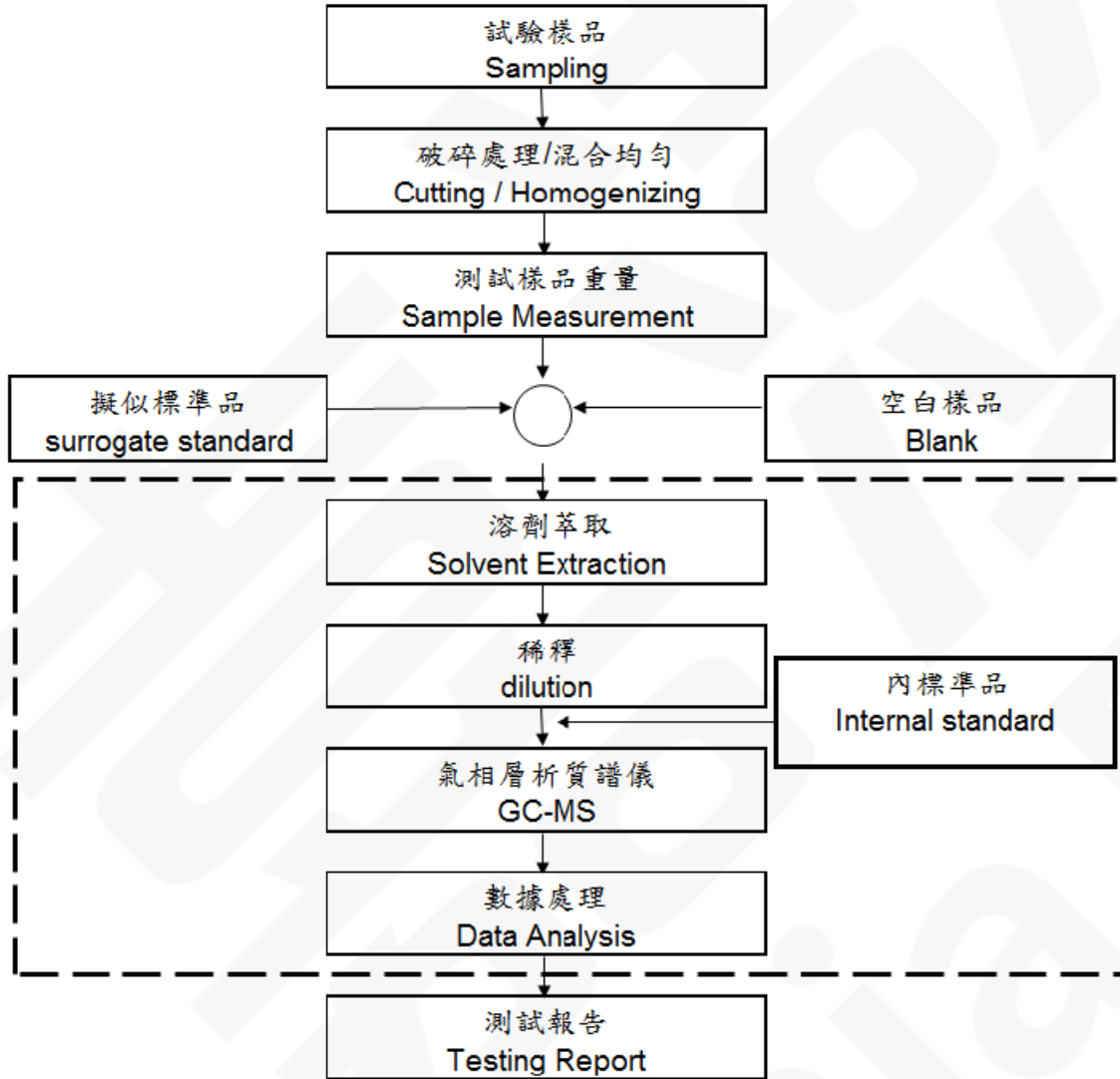
C. 流程圖 / Flow Chart



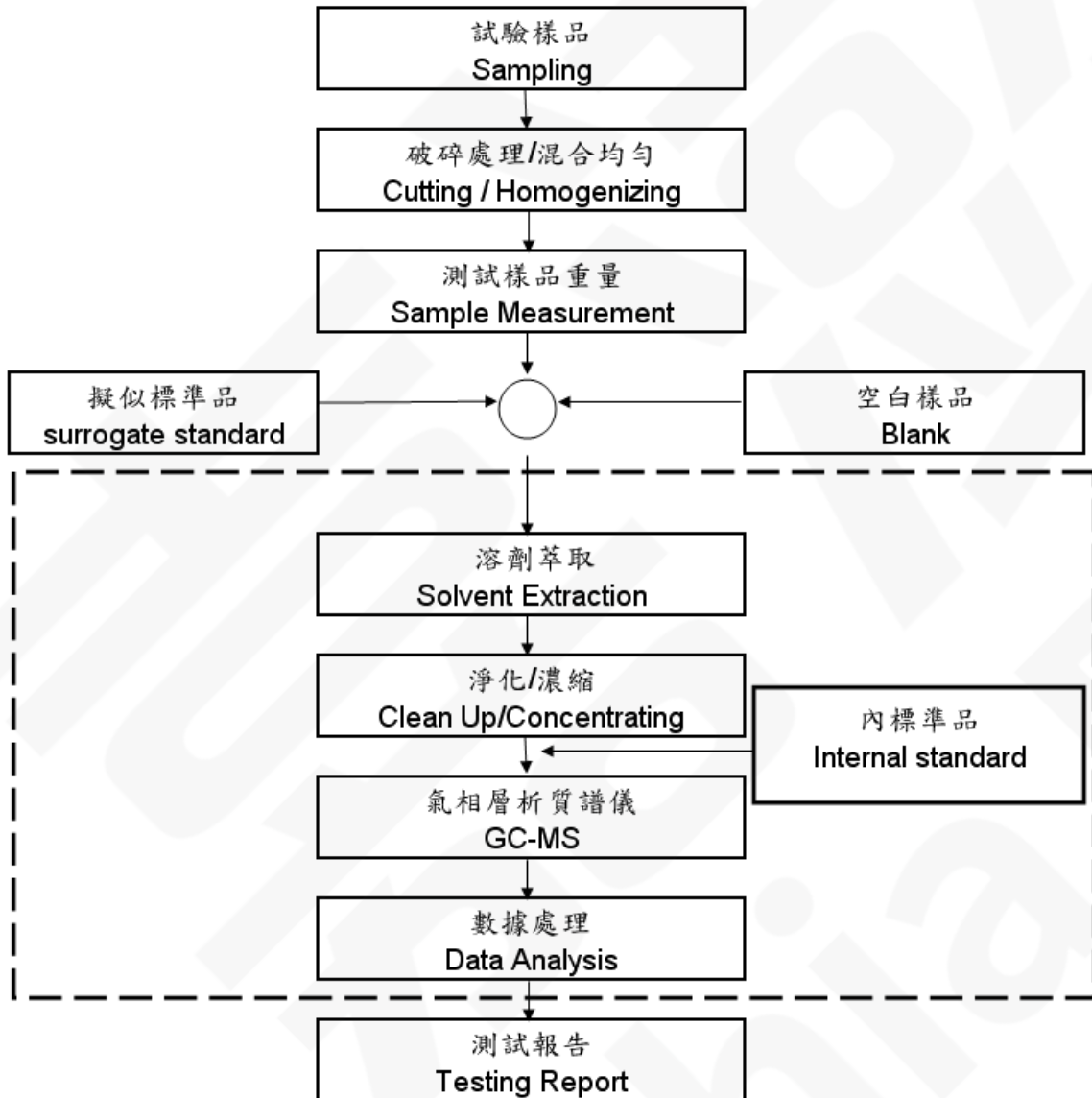
Flow Chart of Digestion-IEC 62321 for Pb、Cd、Hg (完全溶解 / Totally Dissolved)



Flow Chart of Extraction-IEC 62321 for Cr⁶⁺



Flow Chart of Extraction-IEC 62321 for PBBs、PBDEs



Flow Chart of Extraction for Phthalates

---報告結尾/ End of Report ---