



測試報告/ Test Report

工服編號/ Application No 20-12-QAC-084

承辦日期/ Date of Receipt 2020/12/16

測試日期/ Date of Performance 2020/12/17

報告日期/ Date of Issue 2020/12/23

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樣品名稱/ Sample Description EC-01M, ECM-XF, GPC

樣品型號/ Model No. EC-01M, ECM-XF, GPC

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.

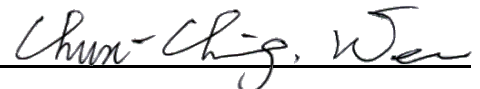
2. 本報告僅對測試樣品負責。

This report only refers to the specimen(s); it does not imply the result of production to tested sample(s).

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Laboratory Representative

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A 樣品敘述/ Sample Information

No.1

樣品編號/ Sample No. 20-12-QAC-084

樣品名稱/ Sample Description EC-01M, ECM-XF, GPC

樣品型號/ Model No. EC-01M, ECM-XF, GPC

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

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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
Hexabromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
Heptabromobiphenyl	GC-MS	IEC 62321-6:2015	N.D.	5.0
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

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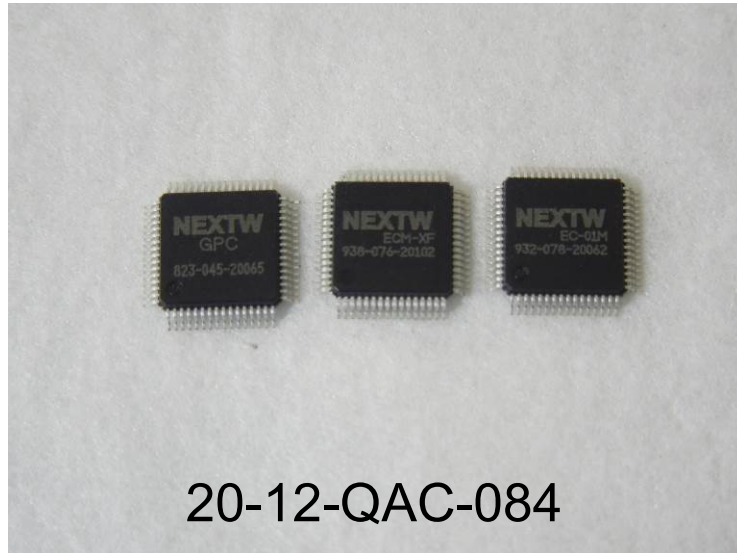


測試項目 Test Item(s)	儀器設備 Instruments	參考測試方法 Reference Method	測試結果/ Test Results (單位/ Unit : ppm)	
			No.1	方法偵測極限 MDL
鄰苯二甲酸酯/ Phthalates				
Di(2-ethyl hexyl) phthalate (DEHP) (CAS No.117-81-7)	GC-MS	IEC 62321-8:2017	N.D.	50.0
Di-n-butyl phthalate (DBP) (CAS No.84-74-2)	GC-MS	IEC 62321-8:2017	N.D.	50.0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

備註/ Note :

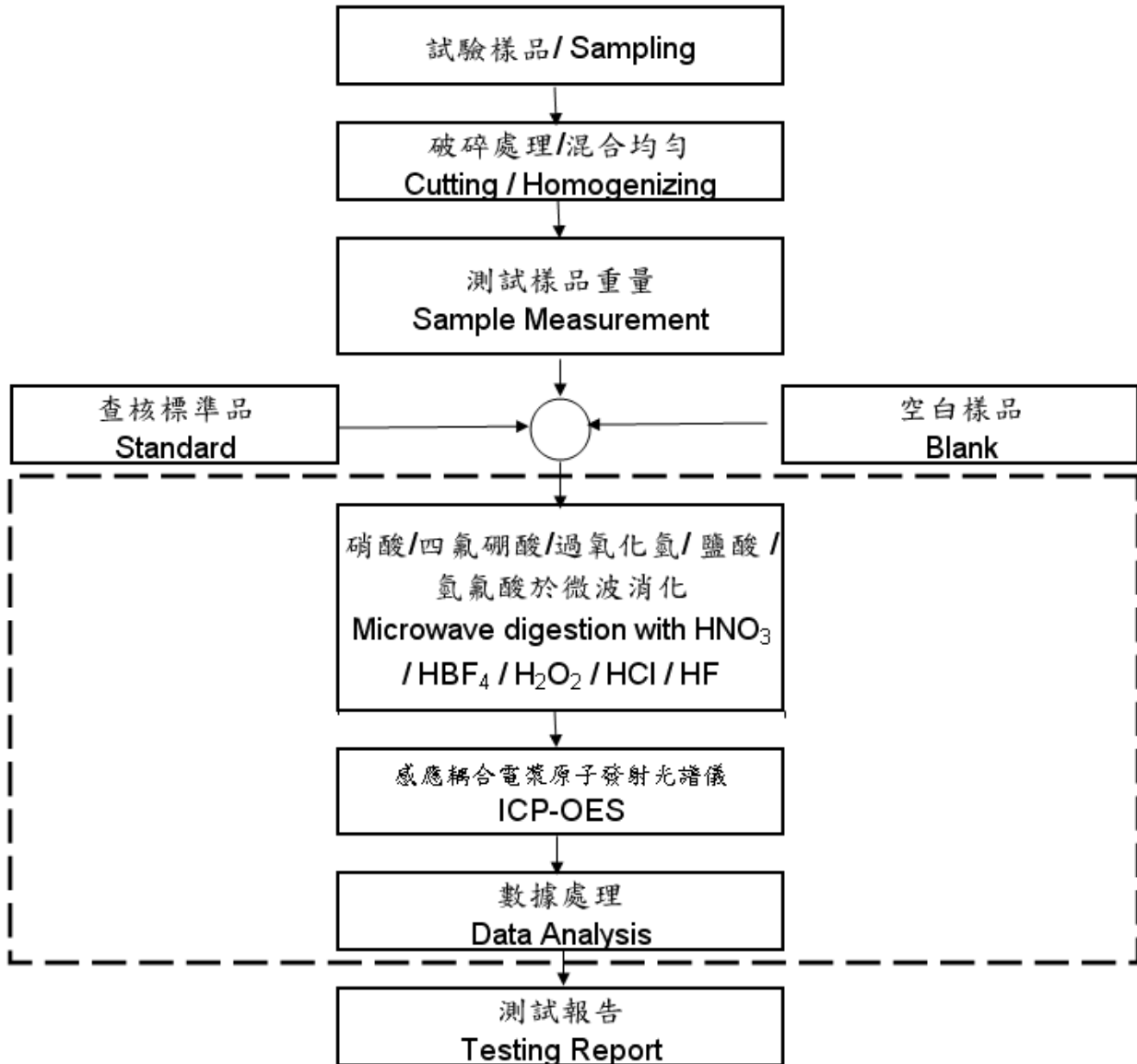
1. N.D. : 即為偵測不到/ Not Detected.
2. MDL : 方法偵測極限/ Method Detection Limit.
3. ppm : = mg/kg (0.1% = 1000 ppm)
4. 測試儀器中英文對照/ Sino-British Contrast of the instrument
 - a. ICP-OES 感應耦合電漿原子發射光譜儀
 - b. UV-VIS 分光光度計
 - c. GC-MS 氣相層析質譜儀
5. 測試人員/ Tested by : Wei、Ellen、ZIV
6. 檢閱人員/ Reviewed by : sujane

B. 樣品照片/ Sample Photo

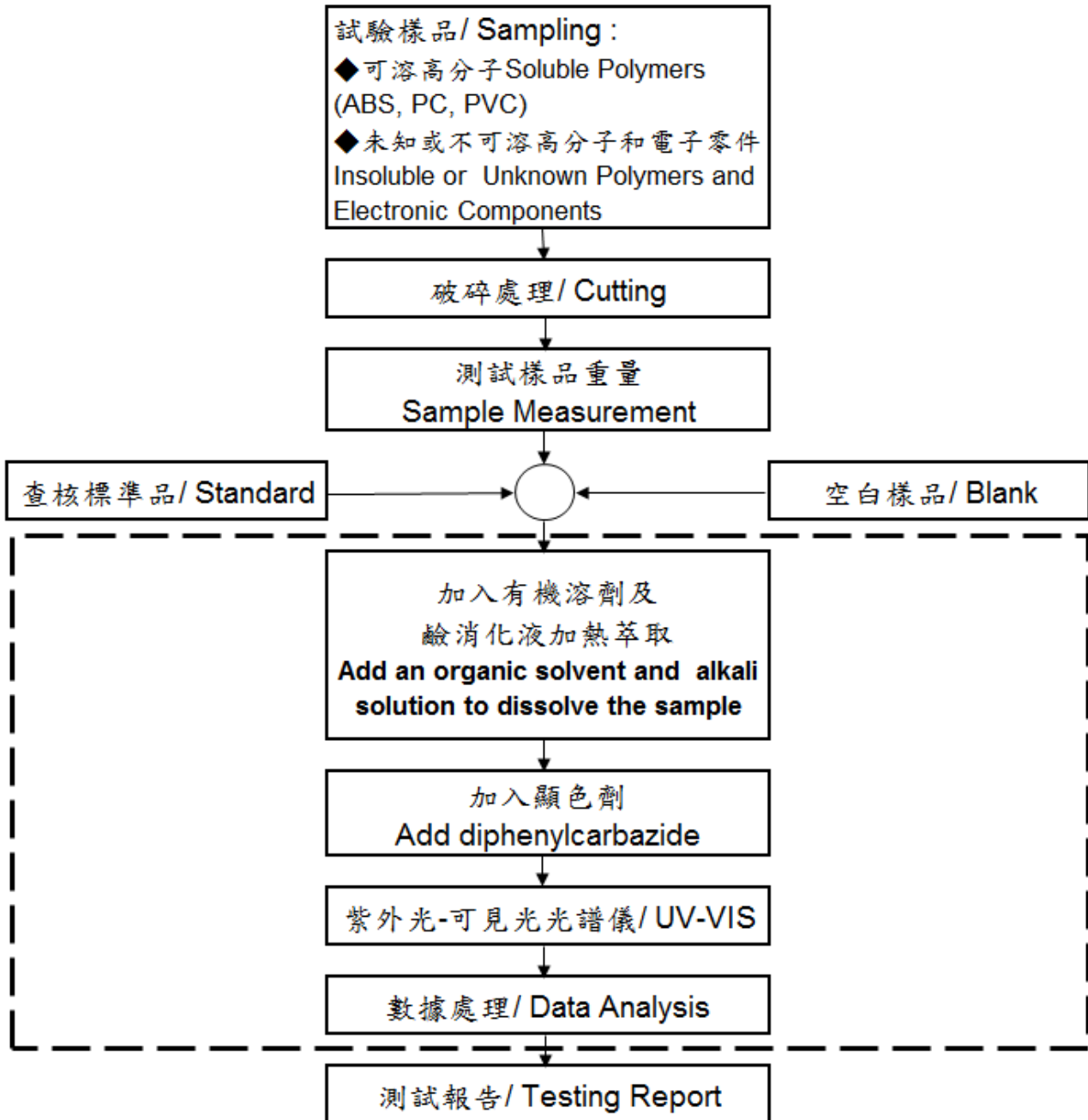


測試部位：混合測試

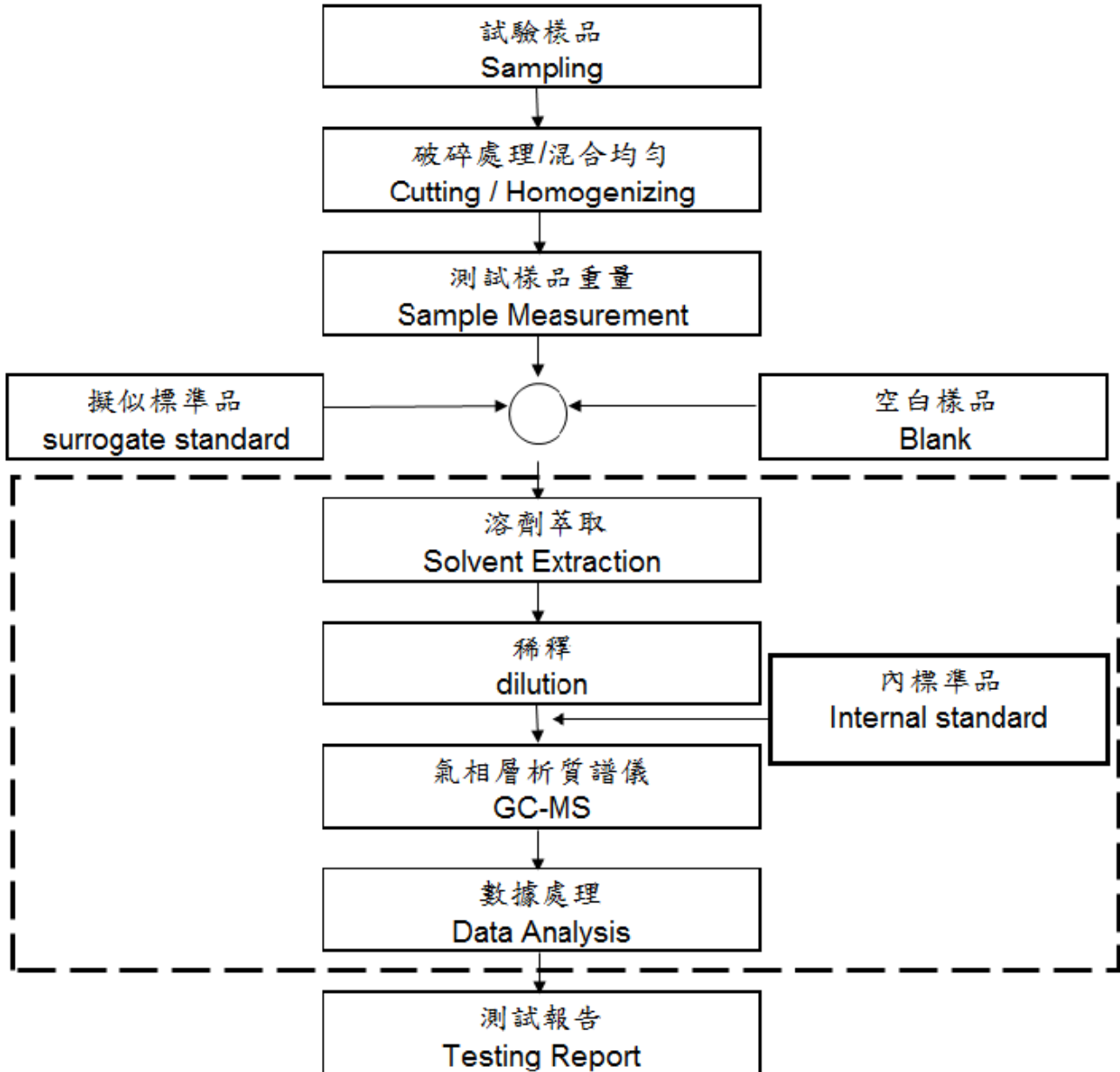
C. 流程圖 / Flow Chart



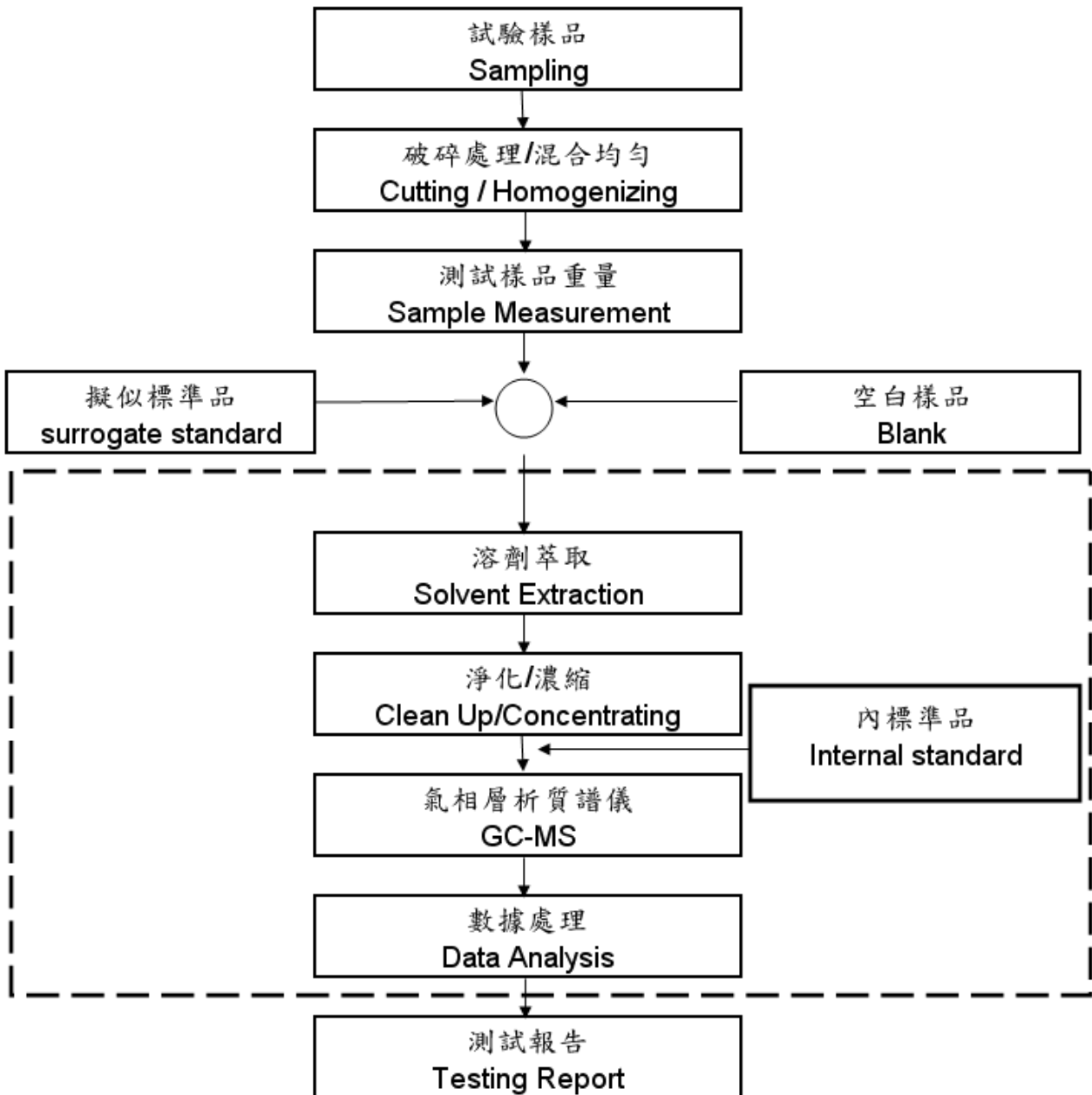
Flow Chart of Digestion-IEC 62321 for Pb、Cd、Hg (完全溶解 / Totally Dissolved)



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 ---