



## 測試報告/ Test Report

工服編號/ Application No	08-05-QAC-018
承辦日期/ Date of Receipt	2008/05/05
測試日期/ Date of Performance	2008/05/06
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委託機構/ Manufacturer	新基科技股份有限公司 Smart cabling & transminssion
地址/ Address	台北縣新店市中正路 493 號 10 樓 10F, No.493, Chung-Cheng Rd., Hsin Tien City, Taipei 231, Taiwan R.O.C.
樣品名稱/ Sample Description	Audio pick up box
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

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**A. 樣品敘述/ Sample Information**

NO.1

樣品編號/ Sample No. 08-05-QAC-018

樣品名稱/ Sample Description Audio pick up box

樣品型號/ Model No. AAXXXX

**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 :mg/kg ; ppm)	
			NO.1	方法偵測極限 MDL
鉛/ Pb	ICP-OES	US EPA 3052 & 6010B Totally Dissolved	N.D.	2.0
鎘/ Cd	ICP-OES	US EPA 3052 & 6010B Totally Dissolved	N.D.	2.0
汞/ Hg	ICP-OES	US EPA 3052 & 6010B Totally Dissolved	N.D.	2.0
六價鉻/ Cr <sup>6+</sup>	UV-VIS	US EPA 3060A & 7196A	N.D.	2.0
多溴聯苯/ PBBs				
Monobromobiphenyl	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Dibromobiphenyl	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Tribromobiphenyl	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Tetrabromobiphenyl	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Pentabromobiphenyl	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Hexabromobiphenyl	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Heptabromobiphenyl	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0

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Octabromobiphenyl	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Nonabromobiphenyl	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Decabromobiphenyl	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
多溴聯苯醚/ PBDEs				
Monobromobiphenyl ether	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Dibromobiphenyl ether	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Tribromobiphenyl ether	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Tetrabromobiphenyl ether	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Pentabromobiphenyl ether	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Hexabromobiphenyl ether	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Heptabromobiphenyl ether	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Octabromobiphenyl ether	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Nonabromobiphenyl ether	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0
Decabromobiphenyl ether	GC-MS	IEC 62321 , 111/24/CD	N.D.	5.0

## 備註/ Note :

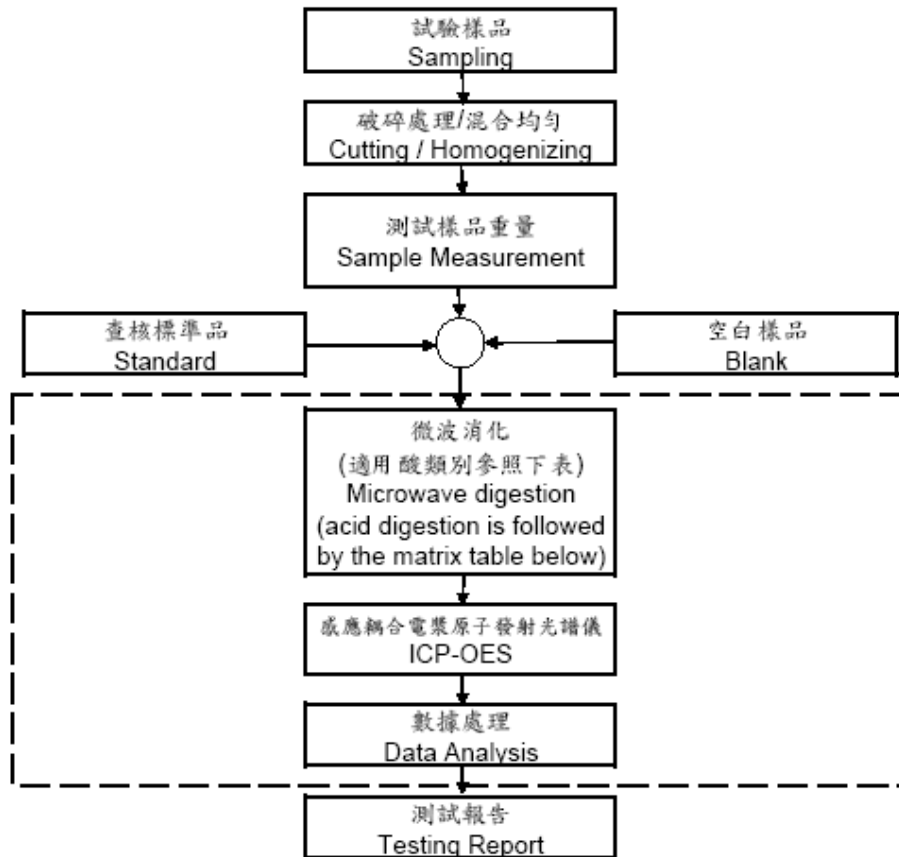
1. N.D. : 即為偵測不到/ Not Detected.
2. MDL : 方法偵測極限/ Method Detection Limitation.
3. ppm : = mg/kg (0.1% = 1000 ppm)
4. 測試儀器中英文對照/ Sino-British Contrast of the instrument
  - a. ICP-OES 感應耦合電漿原子發射光譜儀
  - b. UV-VIS 分光光度計
  - c. GC-MS 氣相層析質譜儀
5. 測試人員/ Tested by : Ellen 、 Jessica

## B. 樣品照片/ Sample Photo



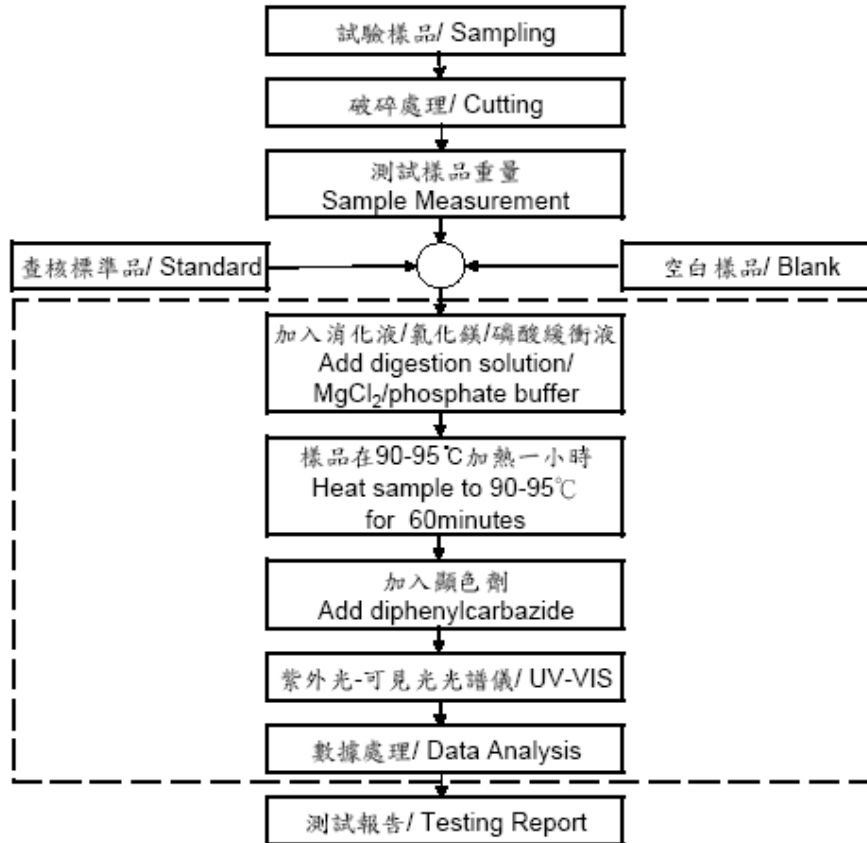
Test part : Mix sample

### C. 流程圖/ Flow Chart

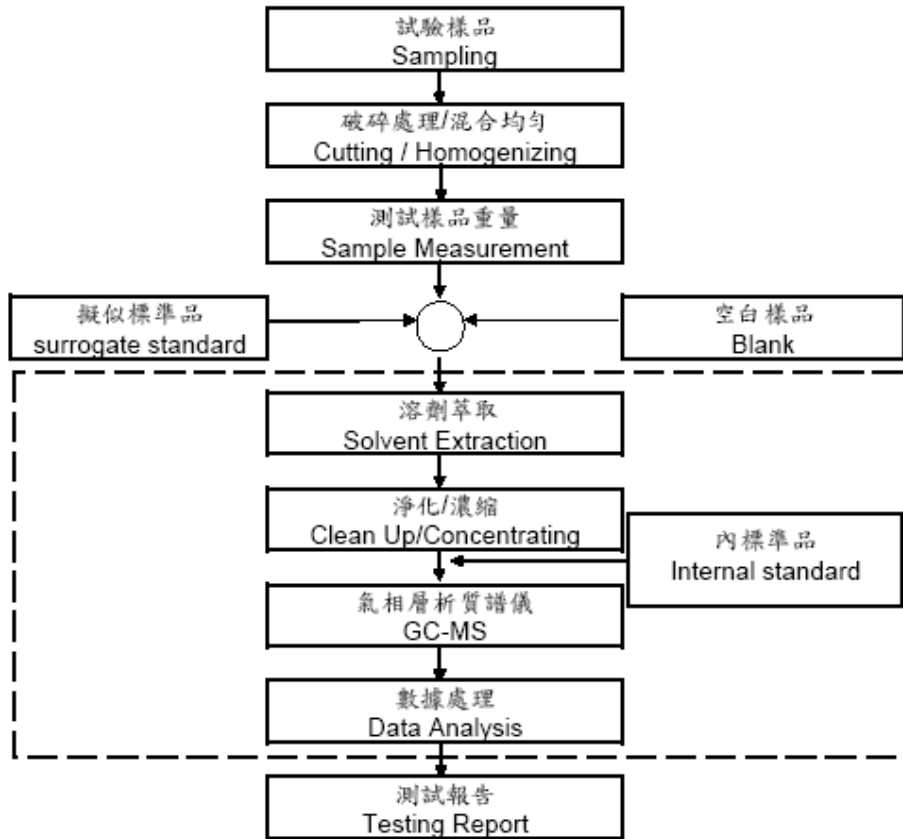


樣品種類/ Matrix	適用消化酸液/ Digestion Acid
金屬/ Metal	硝酸、鹽酸、氫氟酸、過氧化氫/ HNO <sub>3</sub> 、HCl、HF、H <sub>2</sub> O <sub>2</sub>
塑膠/ Plastic	硝酸、鹽酸、過氧化氫/ HNO <sub>3</sub> 、HCl、H <sub>2</sub> O <sub>2</sub>
玻璃/ Glass	硝酸、氫氟酸/ HNO <sub>3</sub> 、HF

Flow Chart of Digestion for Pb、Cd、Hg (without residue)



Flow Chart of Extraction for Cr<sup>6+</sup>



Flow Chart of Extraction for PBB/PBDE

---報告結尾/ End of Report ---