

寶 號
CUSTOMER

MARITEX

HF
ROHS
COMPLIANT

承 認 書

SPECIFICATION FOR APPROVAL

品名
PRODUCT NAME K5B R6H 6x10x0.85-3Ts

客戶料號
CUSTOMER PART NO.

批號
SAMPLE
NO.

日期
DATE. 2013/8/5

Customer Approved Status 客戶承認範圍

FULLY APPROVED (全部承認)	PARTILLY APPROVED (部份承認)	REVISE APPROVED (修訂承認)
Drawn by	Checked by	Approved by
鍾佩宜	吳明珠	吳炳勳



KING CORE ELECTRONICS INC.

NO 269, Nanfong Rd., Pingjhen City, Taoyuan County Taiwan

Tel: 886-3-4698855 Fax: 886-4691395

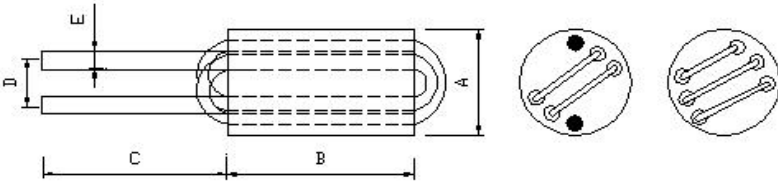
Website: [http:// www.kingcore.com. tw](http://www.kingcore.com.tw)

E-mail: [kc@mail.kingcore.com. tw](mailto:kc@mail.kingcore.com.tw)

/修訂履歷 REVISION RESUME

日期 DATE	版次 VERSION	修訂目的 PURPOSE	修訂內容概述 REVISION DESCRIPTION	備註 REMARK
2013/8/5	A	首次送樣 INITIAL RELEASE		
製作 DRAWN BY: <div style="text-align: center;">鍾佩宜</div>		確認 CHECKED BY: <div style="text-align: center;">吳明珠</div>		承認 APPROVED BY: <div style="text-align: center;">吳炳勳</div>

SPECIFICATION FOR APPROVAL

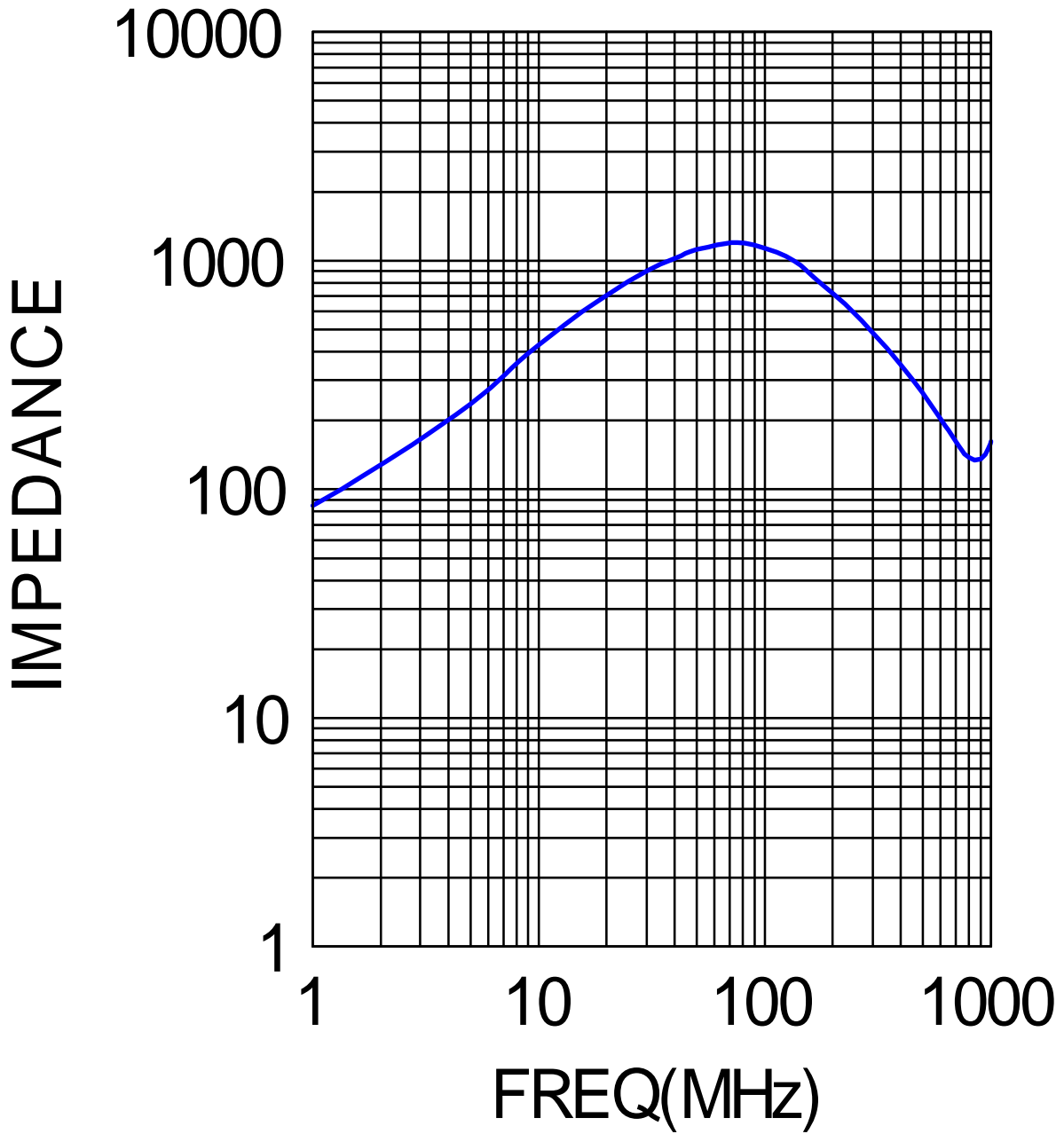
CUSTOMER:	MARITEX	CUST.P/N:	
ORDERING CODE:	K5B R6H 6x10x0.85-3Ts	K.C.P/N: PP0646IW	
(1) SHAPE : 	A	6.00±0.25 mm	
	B	10.0±0.4 mm	
	C	40.0±5.0 mm	
	D	3.5±1.0 mm	
	E	0.5Φ mm	
	F	mm	
	G	mm	
(2) ELECTRICAL REQUIREMENTS: $Z_1 = 668 \text{ min OHM AT } 25 \text{ MHz}$ $Z_2 = 521 \text{ min OHM AT } 100 \text{ MHz}$ $IDC: \Delta T_{40^\circ C} = 6A(\text{max})$	(3) TEST CONDITIONS: 1 IMPEDANCE ANALYZER: E4991A TEST FIXTURE: HP16092A 2.WIRE:Φ0.5 T.C.Wx3Ts		
(4) PACKING <input checked="" type="checkbox"/> IN BULK <input type="checkbox"/> VACUUM <input type="checkbox"/> INSERTION 500 PCS/BAG* 4 BAGS/INNER BOX 4 BOXES/CARTON = 8000 PCS PCS/PLATE* PLATES/CARTON= PCS PCS/TRAY* TRAYS/CARTON= PCS	(5) APPEARANCE (1)AREA OF BREAK : <1 mm ² (2)SUM OF BREAKING AREA : <2 mm ² (3)DEPTH OF BREAK : <0.8 mm		
(6)REMARK:	Approved by 吳炳勳		
	Checked by 吳明珠		
	Drawn by 鍾佩宜 2013/8/5		
	DWG.NO. 20138004A		

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER	MARITEX			CUST. P/N		
ORDERING CODE	<i>K5B R6H 6x10x0.85-3Ts</i>			K.C. P/N	<i>PP0646IW</i>	
TEMP.	<i>24 °C</i>	RH	<i>69 %</i>	DWG.NO.	<i>20138004A</i>	
WIRE	<i>0.5 T.C.W</i>	WINDING	<i>3 Ts</i>	Q'TY	<i>5PCS</i>	
Test Instruments						
Meas. Item.	<i>Z (OHM)</i>	<i>Z (OHM)</i>	<i>A mm</i>	<i>B mm</i>		
Specification	<i>668 min</i>	<i>521 min</i>	<i>6.00±0.25</i>	<i>10.0±0.4</i>		
Test Freq.	<i>25 MHz</i>	<i>100 MHz</i>				
sample#1	<i>837</i>	<i>1126</i>	<i>6.03</i>	<i>9.97</i>		
sample#2	<i>836</i>	<i>1137</i>	<i>6.05</i>	<i>10.04</i>		
sample#3	<i>831</i>	<i>1143</i>	<i>6.06</i>	<i>10.03</i>		
sample#4	<i>813</i>	<i>1123</i>	<i>6.08</i>	<i>10.05</i>		
sample#5	<i>815</i>	<i>1128</i>	<i>6.07</i>	<i>10.01</i>		
sample#6						
sample#7						
sample#8						
sample#9						
sample#10						
\bar{X}	<i>826.4</i>	<i>1131.4</i>	<i>6.058</i>	<i>10.020</i>		
R	<i>24</i>	<i>20</i>	<i>0.05</i>	<i>0.08</i>		
REMARK:				Approved by: <i>吳炳勳</i>		
				Checked by: <i>吳明珠</i>		
				Drawn by: <i>鍾佩宜</i>		

KING CORE ELECTRONICS INC.

K5B R6H 6x10x0.85-3Ts



測試報告 Test Report

號碼(No.) : CE/2013/50389

日期(Date) : 2013/05/08

頁數(Page) : 1 of 9

鈞寶電子工業股份有限公司
KING CORE ELECTRONICS INC.

桃園縣平鎮市平鎮工業區南豐路269號

NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, 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) : 鈞寶電子工業股份有限公司 (KING CORE ELECTRONICS INC.)
樣品名稱(Sample Description) : FERRITE CORE
樣品型號(Style/Item No.) : K5B
收件日期(Sample Receiving Date) : 2013/05/03
測試期間(Testing Period) : 2013/05/03 TO 2013/05/08

=====
測試需求(Test Requested) : (1) 依據客戶要求, 參考RoHS 2011/65/EU Annex II 指令進行鎘, 鉛, 汞, 六價鉻, 多溴聯苯, 多溴聯苯醚測試. (As specified by client, with reference to RoHS Directive 2011/65/EU Annex II to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs contents in the submitted sample.)
(2) 依據客戶指定, 進行全氟辛酸(銨)、全氟辛烷磺酸、鹵素-氟、氯、溴、碘測試. (As specified by client, to test PFOA, PFOS, Halogen-Fluorine, Chlorine, Bromine, Iodine contents in the submitted sample.)

測試方法(Test Method) : 請見下一頁 (Please refer to next pages).

測試結果(Test Results) : 請見下一頁 (Please refer to next pages).

結論(Conclusion) : (1) 根據客戶所提供的樣品, 其鎘, 鉛, 汞, 六價鉻, 多溴聯苯, 多溴聯苯醚的測試結果符合RoHS指令2002/95/EC的更新指令2011/65/EU之要求 (Based on the performed tests on submitted samples, the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.)



Edison Chang / Sr. Supervisor
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei

測試報告 Test Report

號碼(No.) : CE/2013/50389

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測試結果(Test Results)

測試部位(PART NAME) No.1 : 鐵灰色塊狀 (IRON-GRAY LUMP)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)	法規 限值 (Limit)
				No.1	
鎘 / Cadmium (Cd)	mg/kg	參考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	100
鉛 / Lead (Pb)	mg/kg	參考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	1000
汞 / Mercury (Hg)	mg/kg	參考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	1000
六價鉻 / Hexavalent Chromium Cr(VI)	mg/kg	參考IEC 62321: 2008方法, 以UV-VIS檢測. / With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.	1000
全氟辛烷磺酸 / Perfluorooctane sulfonates (PFOS-Acid, Metal Salt, Amide)	mg/kg	參考US EPA 3550C: 2007方法, 以液相層析/質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	10	n.d.	-
全氟辛酸 (銨) / PFOA (CAS No.: 335-67-1)	mg/kg	參考US EPA 3550C: 2007方法, 以液相層析/質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	10	n.d.	-

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測試報告

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鈞寶電子工業股份有限公司

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NO. 269, NANFONG RD., PINGJHEN CITY, TAoyuan COUNTY, TAIWAN



測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)	法規 限值 (Limit)		
				No.1			
多溴聯苯總和 / Sum of PBBs	mg/kg	參考IEC 62321: 2008方法, 以氣相層析/質譜儀檢測. / With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.	1000		
一溴聯苯 / Monobromobiphenyl			5	n.d.	-		
二溴聯苯 / Dibromobiphenyl			5	n.d.	-		
三溴聯苯 / Tribromobiphenyl			5	n.d.	-		
四溴聯苯 / Tetrabromobiphenyl			5	n.d.	-		
五溴聯苯 / Pentabromobiphenyl			5	n.d.	-		
六溴聯苯 / Hexabromobiphenyl			5	n.d.	-		
七溴聯苯 / Heptabromobiphenyl			5	n.d.	-		
八溴聯苯 / Octabromobiphenyl			5	n.d.	-		
九溴聯苯 / Nonabromobiphenyl			5	n.d.	-		
十溴聯苯 / Decabromobiphenyl			5	n.d.	-		
多溴聯苯醚總和 / Sum of PBDEs					-	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether					5	n.d.	-
二溴聯苯醚 / Dibromodiphenyl ether					5	n.d.	-
三溴聯苯醚 / Tribromodiphenyl ether					5	n.d.	-
四溴聯苯醚 / Tetrabromodiphenyl ether					5	n.d.	-
五溴聯苯醚 / Pentabromodiphenyl ether					5	n.d.	-
六溴聯苯醚 / Hexabromodiphenyl ether					5	n.d.	-
七溴聯苯醚 / Heptabromodiphenyl ether					5	n.d.	-
八溴聯苯醚 / Octabromodiphenyl ether					5	n.d.	-
九溴聯苯醚 / Nonabromodiphenyl ether			5	n.d.	-		
十溴聯苯醚 / Decabromodiphenyl ether			5	n.d.	-		
鹵素 / Halogen							
鹵素 (氟) / Halogen-Fluorine (F) (CAS No.: 14762-94-8)	mg/kg	參考BS EN 14582:2007, 以離子層析儀分析. / With reference to BS EN 14582:2007. 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.	-		

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測試報告 Test Report

號碼(No.) : CE/2013/50389

日期(Date) : 2013/05/08

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鈞寶電子工業股份有限公司
KING CORE ELECTRONICS INC.

桃園縣平鎮市平鎮工業區南豐路269號

NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN



備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected (未檢出)
3. MDL = Method Detection Limit (方法偵測極限值)
4. "-" = Not Regulated (無規格值)

PFOS參考資訊(Reference Information) : 持久性有機污染物 POPs - (EU) 757/2010

PFOS濃度在物質或製備中不得超過0.001%(10ppm), 在半成品、成品或零部件中不得超過0.1%(1000ppm), 在紡織品或塗層材料中不得超過 $1\mu\text{g}/\text{m}^2$ 。(Outlawing PFOS as substances or preparations in concentrations above 0.001% (10ppm), in semi-finished products or articles or parts at a level above 0.1%(1000ppm), in textiles or other coated materials above $1\mu\text{g}/\text{m}^2$.)

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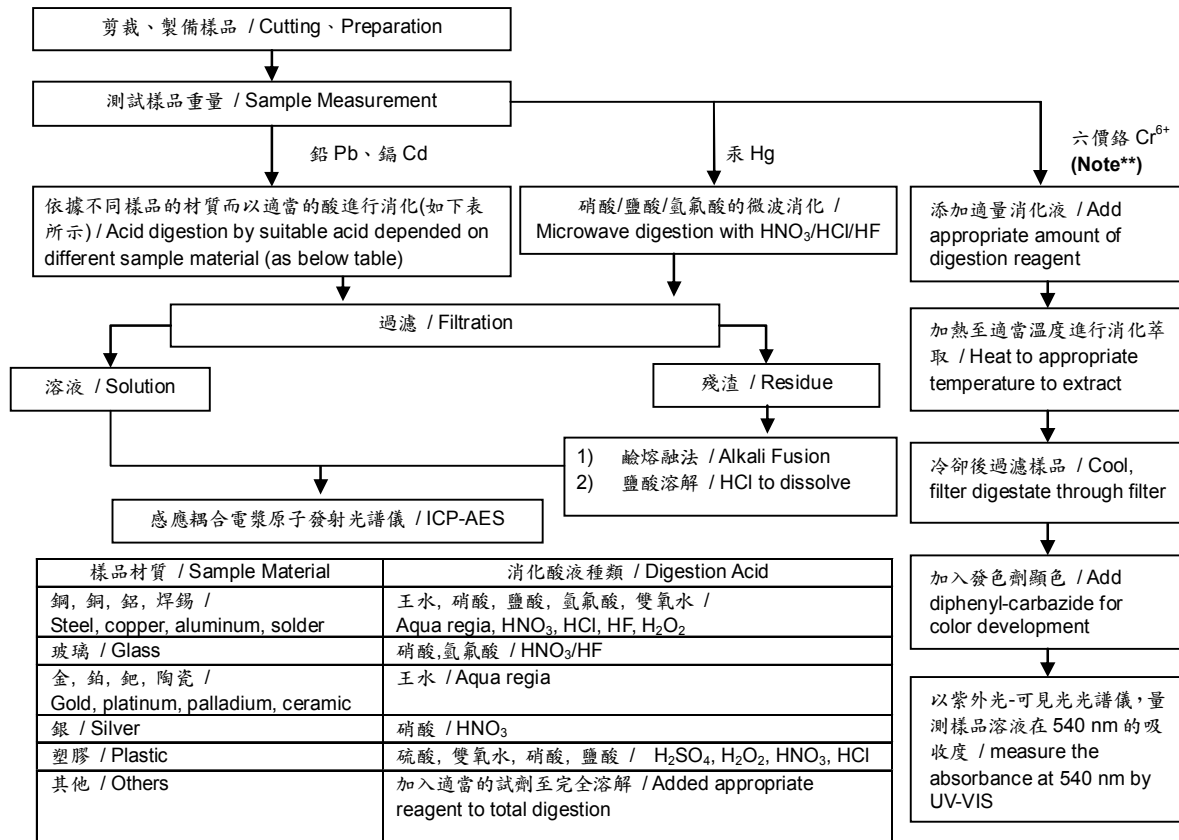
鈞寶電子工業股份有限公司
KING CORE ELECTRONICS INC.

桃園縣平鎮市平鎮工業區南豐路269號

NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN



- 1) 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. (Cr⁶⁺ test method excluded)
- 2) 測試人員：楊登偉 / Name of the person who made measurement: Climbgreat Yang
- 3) 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang



Note:** (1) 針對非金屬材料加入鹼性消化液，加熱至 90~95°C 萃取。 / For non-metallic material, add alkaline digestion reagent and heat to 90~95°C.
(2) 針對金屬材料加入純水，加熱至沸騰萃取。 / For metallic material, add pure water and heat to boiling.

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KING CORE ELECTRONICS INC.

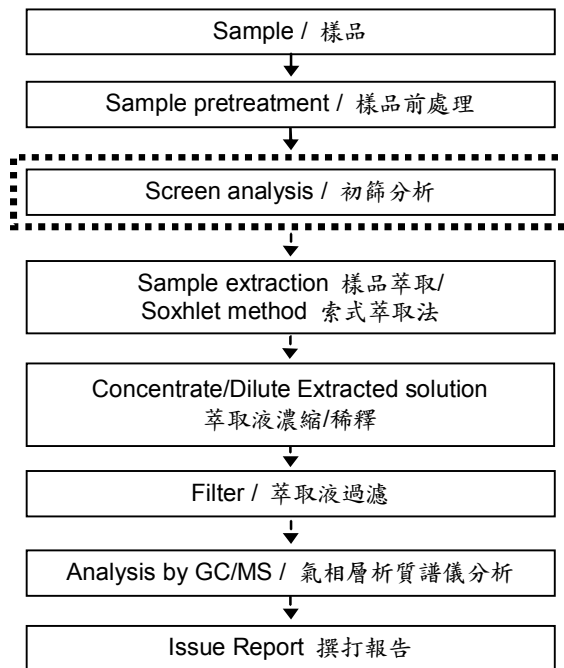
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多溴聯苯/多溴聯苯醚分析流程圖 / PBB/PBDE analytical FLOW CHART

- 測試人員：翁賜彬 / Name of the person who made measurement: Roman Wong
 - 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang
- 初次測試程序 / First testing process —————>
- 選擇性篩檢程序 / Optional screen process>
- 確認程序 / Confirmation process - - ->



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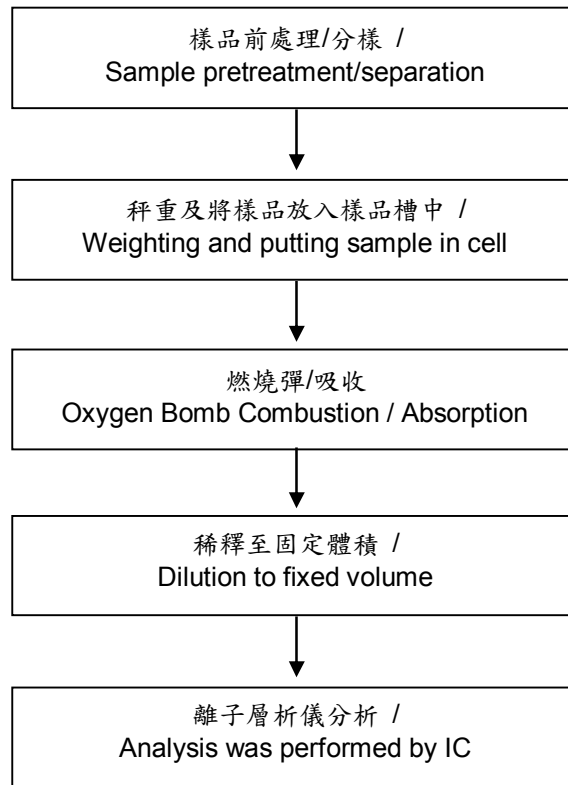
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NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN



鹵素分析流程圖 / Analytical flow chart of halogen content

- 測試人員：陳恩臻 / Name of the person who made measurement: Rita Chen
- 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang



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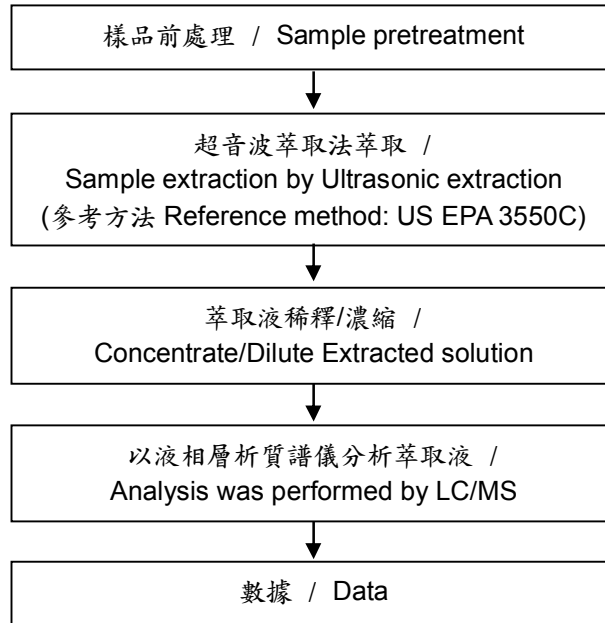
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NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN



全氟辛酸(銨)/全氟辛酸磺酸分析流程圖 / PFOA/PFOS analytical flow chart

- 測試人員：翁賜彬 / Name of the person who made measurement: Roman Wong
- 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang



測試報告 Test Report

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* 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/2013/50389



** 報告結尾(End of Report) **

測試報告

Test Report

號碼(No.) : CE/2012/C5256 日期(Date) : 2013/01/07 頁數(Page) : 1 of 13

惠豐特殊電線股份有限公司



WELL FORE SPECIAL WIRE CORPORATION

桃園縣中壢市自強七路10號

10, TZU-CHIANG 7RD., CHUNG-LI CITY, TAOYUAN

以下測試樣品係由客戶送樣，且由客戶聲稱並經客戶確認如下 (The following samples was/were submitted and identified by/on behalf of the client as) :

樣品名稱(Sample Description) : HOT DIPPED TIN-COATED COPPER WIRE (鍍錫銅線)
收件日期(Sample Receiving Date) : 2012/12/27
測試期間(Testing Period) : 2012/12/27 TO 2013/01/07

=====
測試結果(Test Results) : 請見下一頁 (Please refer to next pages).


Chenyu Kung / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

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測試報告

Test Report

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惠豐特殊電線股份有限公司



WELL FORE SPECIAL WIRE CORPORATION

桃園縣中壢市自強七路10號

10, TZU-CHIANG 7RD., CHUNG-LI CITY, TAOYUAN

測試結果(Test Results)

- 測試部位(PART NAME)No.1 : 銀色金屬線鍍層 (PLATING LAYER OF SILVER COLORED METAL WIRE)
 測試部位(PART NAME)No.2 : 銀色金屬線底材 (BASE MATERIAL OF SILVER COLORED METAL WIRE)
 測試部位(PART NAME)No.3 : 銀色金屬線 (含鍍層) (SILVER COLORED METAL WIRE (INCLUDING THE PLATING LAYER))

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)		
				No.1	No.2	No.3
鎘 / Cadmium (Cd)	mg/kg	酸洗脫鍍層, 參考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測. / IEC 62321: 2008 application of modified digestion by surface etching and performed by ICP-AES.	2	n.d.	---	---
	mg/kg	參考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	---	n.d.	---
鉛 / Lead (Pb)	mg/kg	酸洗脫鍍層, 參考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測. / IEC 62321: 2008 application of modified digestion by surface etching and performed by ICP-AES.	2	61	---	---
	mg/kg	參考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	---	n.d.	---

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Test Report

惠豐特殊電線股份有限公司



WELL FORE SPECIAL WIRE CORPORATION

桃園縣中壢市自強七路10號

10, TZU-CHIANG 7RD., CHUNG-LI CITY, TAOYUAN

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)		
				No.1	No.2	No.3
汞 / Mercury (Hg)	mg/kg	酸洗脫鍍層, 參考IEC 62321: 2008方法, 以感應耦合電漿原子 發射光譜儀檢測. / IEC 62321: 2008 application of modified digestion by surface etching and performed by ICP-AES.	2	n.d.	---	---
	mg/kg	參考IEC 62321: 2008方法, 以 感應耦合電漿原子發射光譜儀檢 測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	---	n.d.	---
六價鉻 / Hexavalent Chromium Cr(VI)	**	參考IEC 62321: 2008方法, 以 沸水萃取法檢測. / With reference to IEC 62321: 2008 and performed by Boiling water extraction Method.#	#	Negative	Negative	---
全氟辛烷磺酸 / Perfluorooctane sulfonates (PFOS-Acid, Metal Salt, Amide)	µg/m ²	參考US EPA 3550C: 2007方法, 以液相層析/質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	1	n.d.	---	---
	mg/kg	參考US EPA 3550C: 2007方法, 以液相層析/質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	10	---	n.d.	---
全氟辛酸(銨) / PFOA (CAS No.: 335-67-1)	µg/m ²	參考US EPA 3550C: 2007方法, 以液相層析/質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	1	n.d.	---	---

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Test Report

惠豐特殊電線股份有限公司



WELL FORE SPECIAL WIRE CORPORATION

桃園縣中壢市自強七路10號

10, TZU-CHIANG 7RD., CHUNG-LI CITY, TAOYUAN

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)		
				No.1	No.2	No.3
全氟辛酸 (銨) / PFOA (CAS No.: 335-67-1)	mg/kg	參考US EPA 3550C: 2007方法, 以液相層析/質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	10	---	n.d.	---
鹵素 / Halogen						
鹵素 (氟) / Halogen-Fluorine (F) (CAS No.: 14762-94-8)	mg/kg	參考BS EN 14582:2007, 以離子層析儀分析. / With reference to BS EN 14582:2007. 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.
六溴環十二烷 / Hexabromocyclododecane (HBCDD) (CAS No.: 25637-99-4)	mg/kg	參考US EPA 3540C方法, 以氣相層析/質譜儀檢測. / With reference to US EPA 3540C method. Analysis was performed by GC/MS.	5	---	---	n.d.
鄰苯二甲酸甲苄基丁酯 / BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%	參考EN 14372, 以氣相層析/質譜儀檢測之. / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	---	---	n.d.
鄰苯二甲酸二丁酯 / DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	參考EN 14372, 以氣相層析/質譜儀檢測之. / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	---	---	n.d.

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Test Report

惠豐特殊電線股份有限公司



WELL FORE SPECIAL WIRE CORPORATION

桃園縣中壢市自強七路10號

10, TZU-CHIANG 7RD., CHUNG-LI CITY, TAOYUAN

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)		
				No.1	No.2	No.3
鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%	參考EN 14372, 以氣相層析/質 譜儀檢測之. / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	---	---	n.d.
鄰苯二甲酸二異丁酯 / DIBP (Di- isobutyl phthalate) (CAS No.: 84- 69-5)	%	參考EN 14372, 以氣相層析/質 譜儀檢測之. / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	---	---	n.d.

備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected (未檢出)
3. MDL = Method Detection Limit (方法偵測極限值)
4. "---" = Not Conducted (未測項目)
5. ** = Qualitative analysis (No Unit) 定性分析(無單位)
6. # = a. Positive means the presence of CrVI on the tested areas
(Positive表示測試區域偵測到六價鉻)
b. Negative means the absence of CrVI on the tested areas
(Negative表示測試區域未偵測到六價鉻)

The detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² tested areas. / 該溶液濃度 \geq 0.02 mg/kg with 50 cm² (tested areas)

PFOS參考資訊(Reference Information) : 持久性有機污染物 POPs - (EU) 757/2010

PFOS濃度在物質或製備中不得超過0.001%(10ppm), 在半成品、成品或零部件中不得超過0.1%(1000ppm), 在紡織品或塗層材料中不得超過1 μ g/m²。

(Outlawing PFOS as substances or preparations in concentrations above 0.001% (10ppm), in semi-finished products or articles or parts at a level above 0.1%(1000ppm), in textiles or other coated materials above 1 μ g/m².)

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惠豐特殊電線股份有限公司



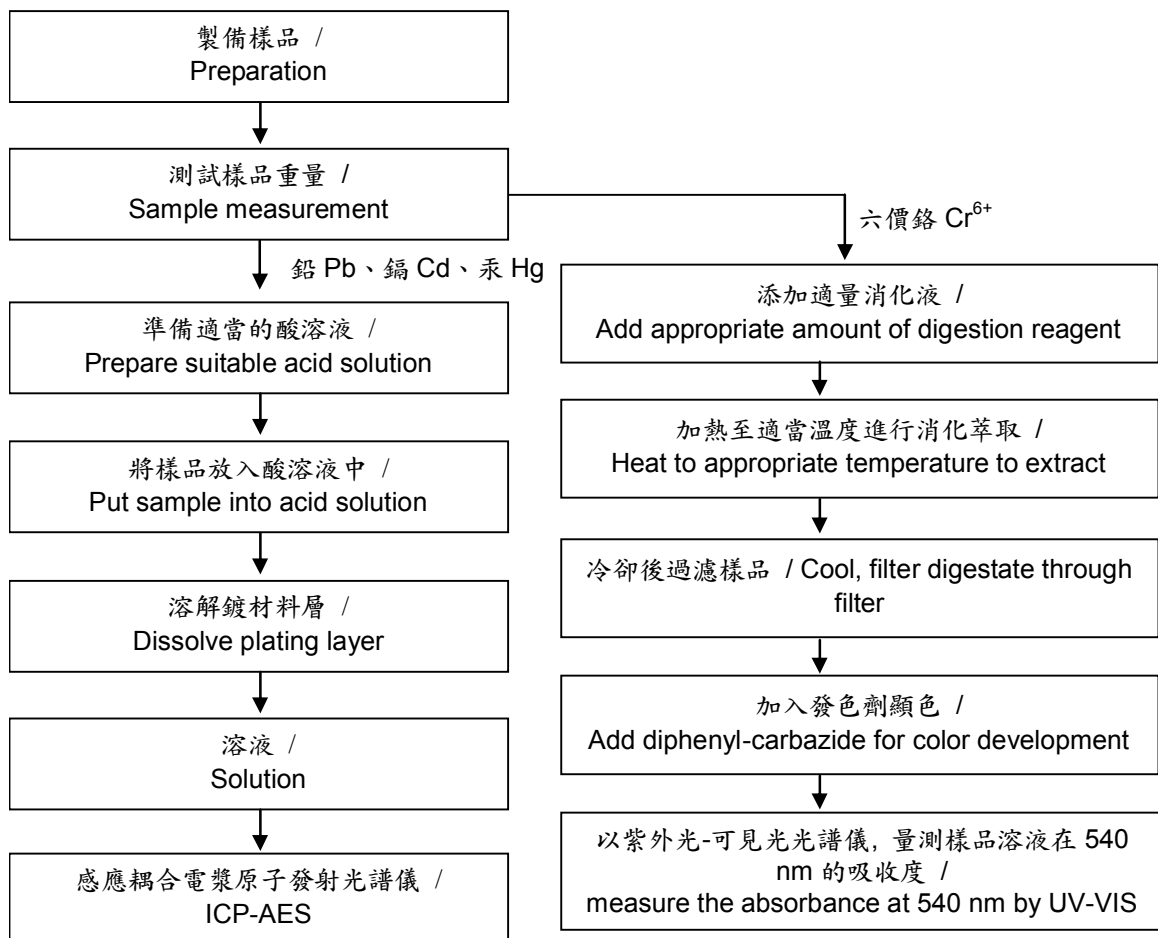
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桃園縣中壢市自強七路10號

10, TZU-CHIANG 7RD., CHUNG-LI CITY, TAOYUAN

- No.1
- 1) 根據以下的流程圖之條件，樣品之外部鍍層已完全溶解。(六價鉻測試方法除外) / The plating layer of samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)
 - 2) 測試人員：楊登偉 / Name of the person who made measurement: Climbgreat Yang
 - 3) 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang

鍍層重金屬測試流程圖 / Flow Chart of Stripping method for metal analysis



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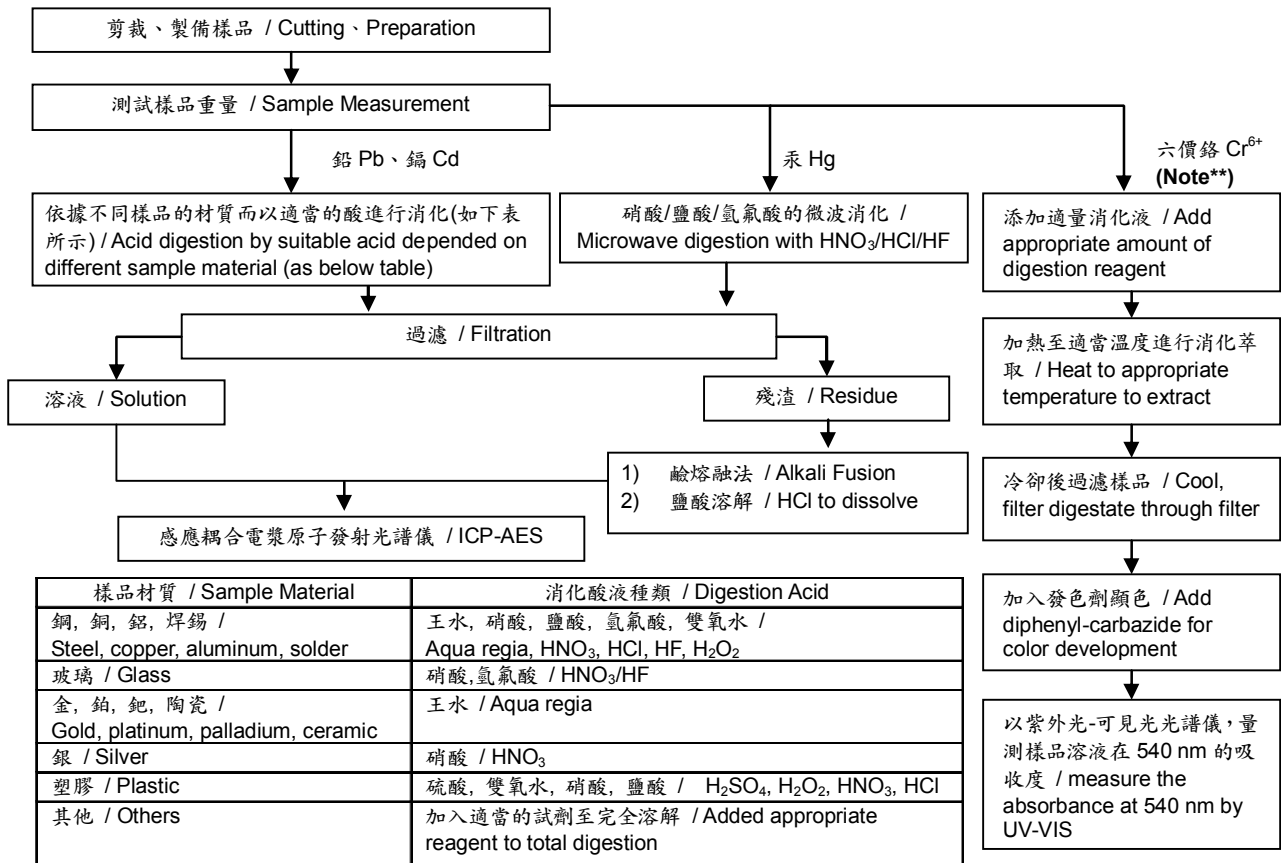
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No.2

- 1) 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. (Cr⁶⁺ test method excluded)
- 2) 測試人員：楊登偉 / Name of the person who made measurement: Climbgreat Yang
- 3) 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang



Note :** (1) 針對非金屬材料加入鹼性消化液，加熱至 90~95°C 萃取。 / For non-metallic material, add alkaline digestion reagent and heat to 90~95°C.
 (2) 針對金屬材料加入純水，加熱至沸騰萃取。 / For metallic material, add pure water and heat to boiling.

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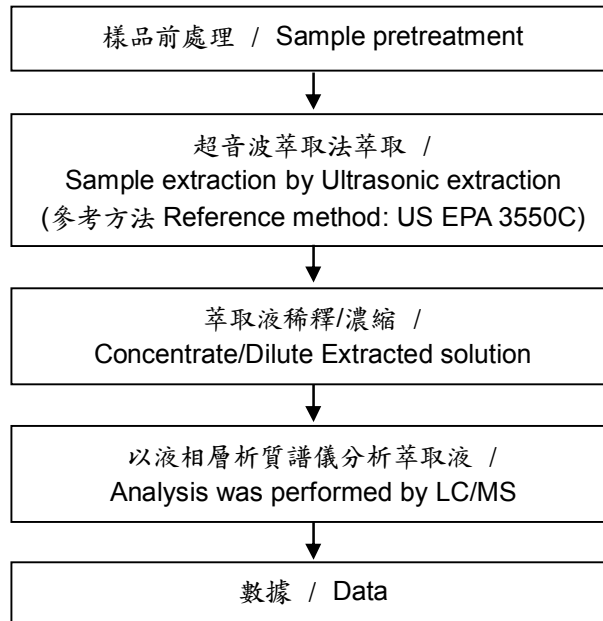
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全氟辛酸(銨)/全氟辛烷磺酸分析流程圖 / PFOA/PFOS analytical flow chart

- 測試人員：翁賜彬 / Name of the person who made measurement: Roman Wong
- 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang



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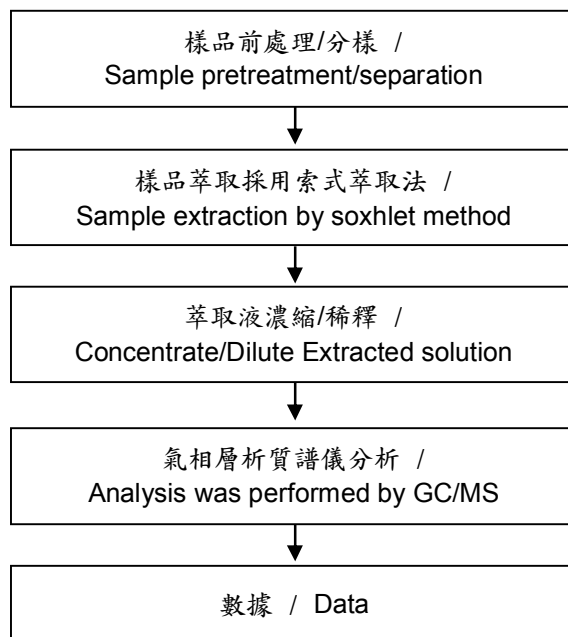
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六溴環十二烷分析流程圖 / HBCDD analytical flow chart

- 測試人員：翁賜彬 / Name of the person who made measurement: Roman Wong
- 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang



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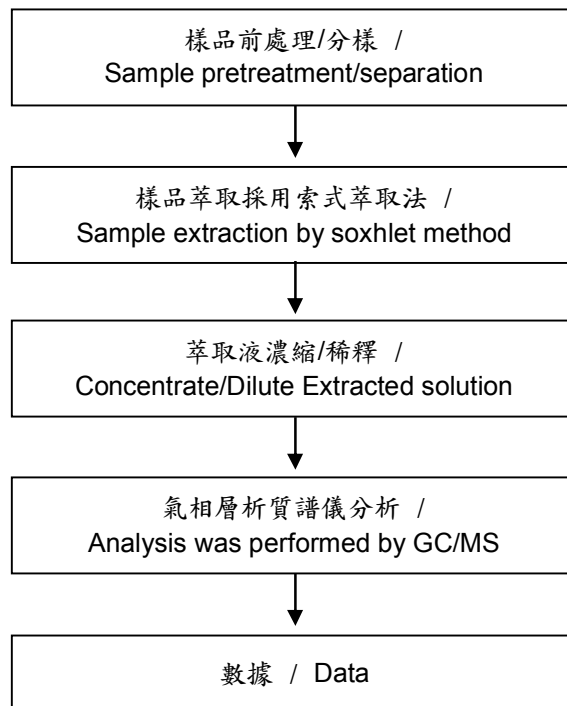
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10, TZU-CHIANG 7RD., CHUNG-LI CITY, TAOYUAN

可塑劑分析流程圖 / Analytical flow chart of phthalate content

- 測試人員：翁賜彬 / Name of the person who made measurement: Roman Wong
- 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang



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測試報告

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惠豐特殊電線股份有限公司



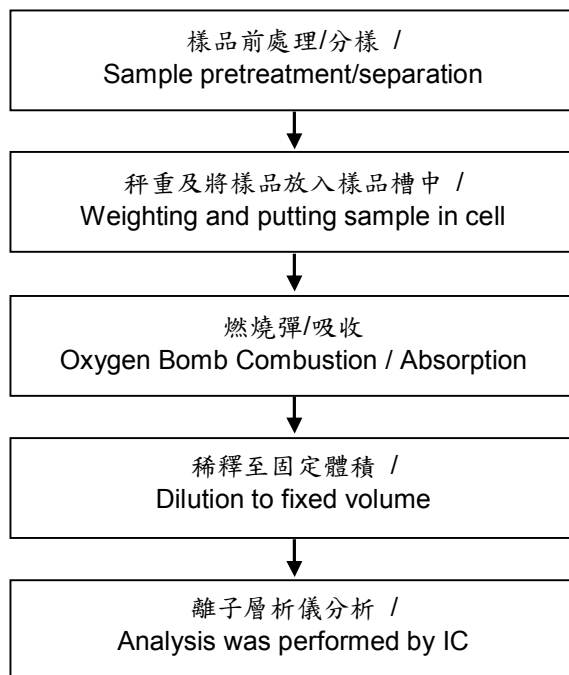
WELL FORE SPECIAL WIRE CORPORATION

桃園縣中壢市自強七路10號

10, TZU-CHIANG 7RD., CHUNG-LI CITY, TAOYUAN

鹵素分析流程圖 / Analytical flow chart of halogen content

- 1) 測試人員：陳恩臻 / Name of the person who made measurement: Rita Chen
- 2) 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang



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惠豐特殊電線股份有限公司



WELL FORE SPECIAL WIRE CORPORATION

桃園縣中壢市自強七路10號

10, TZU-CHIANG 7RD., CHUNG-LI CITY, TAOYUAN

* 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/2012/C5256 NO.1



SGSE12C52560101

CE/2012/C5256 NO.2



SGSE12C52560201

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CE/2012/C5256 NO.3



** 報告結尾 (End of Report) **

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