

測試報告 Test Report

號碼(No.): CE/2007/33038L

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喜威達企業股份有限公司

SWEETA PRODUCTS CORPORATION

台北縣中和市中正路799號1樓

1F, NO. 799, CHUNG CHENG ROAD, CHUNG HO, TAIPEI, TAIWAN, R. O. C.



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) : TACT SWITCH
樣品型號(Style/Item No.) : TS-1 SERIES / TS-2 / TS-6 SERIES, TS-A SERIES
收件日期(Sample Receiving Date) : 2007/03/09
測試期間(Testing Period) : 2007/03/09 TO 2007/03/14 and 2007/03/09 TO 2007/03/16

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測試需求(Test Requested) : 參照 RoHS 2002/95/EC 及其修定指令要求. (In accordance with the RoHS Directive 2002/95/EC, and its amendment directives).
測試方法(Test Method) : 參考IEC 62321, Ed. 1 111/54/CDV方法檢測. (With reference to IEC 62321, Ed.1 111/54/CDV. Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products).
(1) 用感應耦合電漿原子發射光譜儀檢測鎘含量. / Determination of Cadmium by ICP-AES.
(2) 用感應耦合電漿原子發射光譜儀檢測鉛含量. / Determination of Lead by ICP-AES.
(3) 用感應耦合電漿原子發射光譜儀檢測汞含量. / Determination of Mercury by ICP-AES.
(4) 針對金屬材質之樣品，用Spot test / Colorimetric方法檢測六價鉻含量. / Determination of Hexavalent Chromium for metallic samples by Spot test / Colorimetric Method.
(5) 針對非金屬材質之樣品，用UV-VIS檢測六價鉻含量. / Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.
(6) 以氣相層析儀/質譜儀檢測多溴聯苯和多溴聯苯醚含量. / Determination of PBB and PBDE by GC/MS.

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

* 此份報告為合併CE/2007/33038C及CE/2007/33038A之報告 *

(This report is combined with reports of CE/2007/33038C and CE/2007/33038A)

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

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測試結果(Test Results) 單位(Unit): mg/kg

測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)			方法偵測 極限值 (MDL)
		No.1	No.2	No.3	
鎘 / Cadmium (Cd)	(1)	n.d.	n.d.	n.d.	2
鉛 / Lead (Pb)	(2)	37	15	54	2
汞 / Mercury (Hg)	(3)	n.d.	n.d.	n.d.	2
六價鉻 / Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(4)	Negative	---	---	See Note 5
六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction	(5)	---	n.d.	n.d.	2
多溴聯苯總和 / Sum of PBBs	(6)	---	n.d.	n.d.	-
一溴聯苯 / Monobromobiphenyl		---	n.d.	n.d.	5
二溴聯苯 / Dibromobiphenyl		---	n.d.	n.d.	5
三溴聯苯 / Tribromobiphenyl		---	n.d.	n.d.	5
四溴聯苯 / Tetrabromobiphenyl		---	n.d.	n.d.	5
五溴聯苯 / Pentabromobiphenyl		---	n.d.	n.d.	5
六溴聯苯 / Hexabromobiphenyl		---	n.d.	n.d.	5
七溴聯苯 / Heptabromobiphenyl		---	n.d.	n.d.	5
八溴聯苯 / Octabromobiphenyl		---	n.d.	n.d.	5
九溴聯苯 / Nonabromobiphenyl		---	n.d.	n.d.	5
十溴聯苯 / Decabromobiphenyl		---	n.d.	n.d.	5
多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)		---	n.d.	n.d.	-
一溴聯苯醚 / Monobromobiphenyl ether		---	n.d.	n.d.	5
二溴聯苯醚 / Dibromobiphenyl ether		---	n.d.	n.d.	5
三溴聯苯醚 / Tribromobiphenyl ether		---	n.d.	n.d.	5
四溴聯苯醚 / Tetrabromobiphenyl ether		---	n.d.	n.d.	5
五溴聯苯醚 / Pentabromobiphenyl ether		---	n.d.	n.d.	5
六溴聯苯醚 / Hexabromobiphenyl ether		---	n.d.	n.d.	5
七溴聯苯醚 / Heptabromobiphenyl ether		---	n.d.	n.d.	5
八溴聯苯醚 / Octabromobiphenyl ether		---	n.d.	n.d.	5
九溴聯苯醚 / Nonabromobiphenyl ether	---	n.d.	n.d.	5	
十溴聯苯醚 / Decabromobiphenyl ether	---	n.d.	n.d.	5	
多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca)	---	n.d.	n.d.	-	

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測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)			方法偵測 極限值 (MDL)
		No.4	No.5	No.6	
鎘 / Cadmium (Cd)	(1)	n.d.	n.d.	3	2
鉛 / Lead (Pb)	(2)	n.d.	n.d.	28	2
汞 / Mercury (Hg)	(3)	n.d.	n.d.	n.d.	2
六價鉻 / Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(4)	---	---	Negative	See Note 5
六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction	(5)	n.d.	n.d.	---	2
多溴聯苯總和 / Sum of PBBs	(6)	n.d.	n.d.	---	-
一溴聯苯 / Monobromobiphenyl		n.d.	n.d.	---	5
二溴聯苯 / Dibromobiphenyl		n.d.	n.d.	---	5
三溴聯苯 / Tribromobiphenyl		n.d.	n.d.	---	5
四溴聯苯 / Tetrabromobiphenyl		n.d.	n.d.	---	5
五溴聯苯 / Pentabromobiphenyl		n.d.	n.d.	---	5
六溴聯苯 / Hexabromobiphenyl		n.d.	n.d.	---	5
七溴聯苯 / Heptabromobiphenyl		n.d.	n.d.	---	5
八溴聯苯 / Octabromobiphenyl		n.d.	n.d.	---	5
九溴聯苯 / Nonabromobiphenyl		n.d.	n.d.	---	5
十溴聯苯 / Decabromobiphenyl		n.d.	n.d.	---	5
多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)		n.d.	n.d.	---	-
一溴聯苯醚 / Monobromobiphenyl ether		n.d.	n.d.	---	5
二溴聯苯醚 / Dibromobiphenyl ether		n.d.	n.d.	---	5
三溴聯苯醚 / Tribromobiphenyl ether		n.d.	n.d.	---	5
四溴聯苯醚 / Tetrabromobiphenyl ether		n.d.	n.d.	---	5
五溴聯苯醚 / Pentabromobiphenyl ether		n.d.	n.d.	---	5
六溴聯苯醚 / Hexabromobiphenyl ether		n.d.	n.d.	---	5
七溴聯苯醚 / Heptabromobiphenyl ether		n.d.	n.d.	---	5
八溴聯苯醚 / Octabromobiphenyl ether		n.d.	n.d.	---	5
九溴聯苯醚 / Nonabromobiphenyl ether	n.d.	n.d.	---	5	
十溴聯苯醚 / Decabromobiphenyl ether	n.d.	n.d.	---	5	
多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca)	n.d.	n.d.	---	-	

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測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)			方法偵測 極限值 (MDL)
		No.7	No.8	No.9	
鎘 / Cadmium (Cd)	(1)	n.d.	n.d.	n.d.	2
鉛 / Lead (Pb)	(2)	n.d.	9	17	2
汞 / Mercury (Hg)	(3)	n.d.	n.d.	n.d.	2
六價鉻 / Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(4)	Negative	Negative	Negative	See Note 5

測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)			方法偵測 極限值 (MDL)
		No.10	No.11	No.12	
鎘 / Cadmium (Cd)	(1)	n.d.	n.d.	n.d.	2
鉛 / Lead (Pb)	(2)	n.d.	8	n.d.	2
汞 / Mercury (Hg)	(3)	n.d.	n.d.	n.d.	2
六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction	(5)	n.d.	n.d.	n.d.	2
多溴聯苯總和 / Sum of PBBs	(6)	n.d.	n.d.	n.d.	-
一溴聯苯 / Monobromobiphenyl		n.d.	n.d.	n.d.	5
二溴聯苯 / Dibromobiphenyl		n.d.	n.d.	n.d.	5
三溴聯苯 / Tribromobiphenyl		n.d.	n.d.	n.d.	5
四溴聯苯 / Tetrabromobiphenyl		n.d.	n.d.	n.d.	5
五溴聯苯 / Pentabromobiphenyl		n.d.	n.d.	n.d.	5
六溴聯苯 / Hexabromobiphenyl		n.d.	n.d.	n.d.	5
七溴聯苯 / Heptabromobiphenyl		n.d.	n.d.	n.d.	5
八溴聯苯 / Octabromobiphenyl		n.d.	n.d.	n.d.	5
九溴聯苯 / Nonabromobiphenyl		n.d.	n.d.	n.d.	5
十溴聯苯 / Decabromobiphenyl	n.d.	n.d.	n.d.	5	

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測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)			方法偵測 極限值 (MDL)
		No.10	No.11	No.12	
多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)	(6)	n.d.	n.d.	n.d.	-
一溴聯苯醚 / Monobromobiphenyl ether		n.d.	n.d.	n.d.	5
二溴聯苯醚 / Dibromobiphenyl ether		n.d.	n.d.	n.d.	5
三溴聯苯醚 / Tribromobiphenyl ether		n.d.	n.d.	n.d.	5
四溴聯苯醚 / Tetrabromobiphenyl ether		n.d.	n.d.	n.d.	5
五溴聯苯醚 / Pentabromobiphenyl ether		n.d.	n.d.	n.d.	5
六溴聯苯醚 / Hexabromobiphenyl ether		n.d.	n.d.	n.d.	5
七溴聯苯醚 / Heptabromobiphenyl ether		n.d.	n.d.	n.d.	5
八溴聯苯醚 / Octabromobiphenyl ether		n.d.	n.d.	n.d.	5
九溴聯苯醚 / Nonabromobiphenyl ether		n.d.	n.d.	n.d.	5
十溴聯苯醚 / Decabromobiphenyl ether		n.d.	n.d.	n.d.	5
多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca)		n.d.	n.d.	n.d.	-

測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)			方法偵測 極限值 (MDL)
		No.13	No.14	No.15	
鎘 / Cadmium (Cd)	(1)	n.d.	n.d.	n.d.	2
鉛 / Lead (Pb)	(2)	16	n.d.	n.d.	2
汞 / Mercury (Hg)	(3)	n.d.	n.d.	n.d.	2
六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction	(5)	n.d.	n.d.	n.d.	2

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測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)			方法偵測 極限值 (MDL)
		No.13	No.14	No.15	
多溴聯苯總和 / Sum of PBBs	(6)	n.d.	n.d.	n.d.	-
一溴聯苯 / Monobromobiphenyl		n.d.	n.d.	n.d.	5
二溴聯苯 / Dibromobiphenyl		n.d.	n.d.	n.d.	5
三溴聯苯 / Tribromobiphenyl		n.d.	n.d.	n.d.	5
四溴聯苯 / Tetrabromobiphenyl		n.d.	n.d.	n.d.	5
五溴聯苯 / Pentabromobiphenyl		n.d.	n.d.	n.d.	5
六溴聯苯 / Hexabromobiphenyl		n.d.	n.d.	n.d.	5
七溴聯苯 / Heptabromobiphenyl		n.d.	n.d.	n.d.	5
八溴聯苯 / Octabromobiphenyl		n.d.	n.d.	n.d.	5
九溴聯苯 / Nonabromobiphenyl		n.d.	n.d.	n.d.	5
十溴聯苯 / Decabromobiphenyl		n.d.	n.d.	n.d.	5
多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)		n.d.	n.d.	n.d.	-
一溴聯苯醚 / Monobromobiphenyl ether		n.d.	n.d.	n.d.	5
二溴聯苯醚 / Dibromobiphenyl ether		n.d.	n.d.	n.d.	5
三溴聯苯醚 / Tribromobiphenyl ether		n.d.	n.d.	n.d.	5
四溴聯苯醚 / Tetrabromobiphenyl ether		n.d.	n.d.	n.d.	5
五溴聯苯醚 / Pentabromobiphenyl ether		n.d.	n.d.	n.d.	5
六溴聯苯醚 / Hexabromobiphenyl ether		n.d.	n.d.	n.d.	5
七溴聯苯醚 / Heptabromobiphenyl ether		n.d.	n.d.	n.d.	5
八溴聯苯醚 / Octabromobiphenyl ether		n.d.	n.d.	n.d.	5
九溴聯苯醚 / Nonabromobiphenyl ether		n.d.	n.d.	n.d.	5
十溴聯苯醚 / Decabromobiphenyl ether	n.d.	n.d.	n.d.	5	
多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca)	n.d.	n.d.	n.d.	-	

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測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)			方法偵測 極限值 (MDL)
		No.16	No.17	No.18	
鎘 / Cadmium (Cd)	(1)	n.d.	n.d.	n.d.	2
鉛 / Lead (Pb)	(2)	35	24	33	2
汞 / Mercury (Hg)	(3)	n.d.	n.d.	n.d.	2
六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction	(5)	n.d.	n.d.	n.d.	2
多溴聯苯總和 / Sum of PBBs	(6)	n.d.	n.d.	n.d.	-
一溴聯苯 / Monobromobiphenyl		n.d.	n.d.	n.d.	5
二溴聯苯 / Dibromobiphenyl		n.d.	n.d.	n.d.	5
三溴聯苯 / Tribromobiphenyl		n.d.	n.d.	n.d.	5
四溴聯苯 / Tetrabromobiphenyl		n.d.	n.d.	n.d.	5
五溴聯苯 / Pentabromobiphenyl		n.d.	n.d.	n.d.	5
六溴聯苯 / Hexabromobiphenyl		n.d.	n.d.	n.d.	5
七溴聯苯 / Heptabromobiphenyl		n.d.	n.d.	n.d.	5
八溴聯苯 / Octabromobiphenyl		n.d.	n.d.	n.d.	5
九溴聯苯 / Nonabromobiphenyl		n.d.	n.d.	n.d.	5
十溴聯苯 / Decabromobiphenyl		n.d.	n.d.	n.d.	5
多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)		n.d.	n.d.	n.d.	-
一溴聯苯醚 / Monobromobiphenyl ether		n.d.	n.d.	n.d.	5
二溴聯苯醚 / Dibromobiphenyl ether		n.d.	n.d.	n.d.	5
三溴聯苯醚 / Tribromobiphenyl ether		n.d.	n.d.	n.d.	5
四溴聯苯醚 / Tetrabromobiphenyl ether		n.d.	n.d.	n.d.	5
五溴聯苯醚 / Pentabromobiphenyl ether		n.d.	n.d.	n.d.	5
六溴聯苯醚 / Hexabromobiphenyl ether		n.d.	n.d.	n.d.	5
七溴聯苯醚 / Heptabromobiphenyl ether		n.d.	n.d.	n.d.	5
八溴聯苯醚 / Octabromobiphenyl ether		n.d.	n.d.	n.d.	5
九溴聯苯醚 / Nonabromobiphenyl ether	n.d.	n.d.	n.d.	5	
十溴聯苯醚 / Decabromobiphenyl ether	n.d.	n.d.	n.d.	5	
多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca)	n.d.	n.d.	n.d.	-	

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測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)			方法偵測 極限值 (MDL)
		No.19	No.20	No.21	
鎘 / Cadmium (Cd)	(1)	n.d.	n.d.	n.d.	2
鉛 / Lead (Pb)	(2)	16	18	20	2
汞 / Mercury (Hg)	(3)	n.d.	n.d.	n.d.	2
六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction	(5)	n.d.	n.d.	n.d.	2
多溴聯苯總和 / Sum of PBBs	(6)	n.d.	n.d.	n.d.	-
一溴聯苯 / Monobromobiphenyl		n.d.	n.d.	n.d.	5
二溴聯苯 / Dibromobiphenyl		n.d.	n.d.	n.d.	5
三溴聯苯 / Tribromobiphenyl		n.d.	n.d.	n.d.	5
四溴聯苯 / Tetrabromobiphenyl		n.d.	n.d.	n.d.	5
五溴聯苯 / Pentabromobiphenyl		n.d.	n.d.	n.d.	5
六溴聯苯 / Hexabromobiphenyl		n.d.	n.d.	n.d.	5
七溴聯苯 / Heptabromobiphenyl		n.d.	n.d.	n.d.	5
八溴聯苯 / Octabromobiphenyl		n.d.	n.d.	n.d.	5
九溴聯苯 / Nonabromobiphenyl		n.d.	n.d.	n.d.	5
十溴聯苯 / Decabromobiphenyl		n.d.	n.d.	n.d.	5
多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)		n.d.	n.d.	n.d.	-
一溴聯苯醚 / Monobromobiphenyl ether		n.d.	n.d.	n.d.	5
二溴聯苯醚 / Dibromobiphenyl ether		n.d.	n.d.	n.d.	5
三溴聯苯醚 / Tribromobiphenyl ether		n.d.	n.d.	n.d.	5
四溴聯苯醚 / Tetrabromobiphenyl ether		n.d.	n.d.	n.d.	5
五溴聯苯醚 / Pentabromobiphenyl ether		n.d.	n.d.	n.d.	5
六溴聯苯醚 / Hexabromobiphenyl ether		n.d.	n.d.	n.d.	5
七溴聯苯醚 / Heptabromobiphenyl ether		n.d.	n.d.	n.d.	5
八溴聯苯醚 / Octabromobiphenyl ether		n.d.	n.d.	n.d.	5
九溴聯苯醚 / Nonabromobiphenyl ether	n.d.	n.d.	n.d.	5	
十溴聯苯醚 / Decabromobiphenyl ether	n.d.	n.d.	n.d.	5	
多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca)	n.d.	n.d.	n.d.	-	

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測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)		方法偵測 極限值 (MDL)
		No.22	No.23	
鎘 / Cadmium (Cd)	(1)	n.d.	n.d.	2
鉛 / Lead (Pb)	(2)	23	21	2
汞 / Mercury (Hg)	(3)	n.d.	n.d.	2
六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction	(5)	n.d.	n.d.	2
多溴聯苯總和 / Sum of PBBs	(6)	n.d.	n.d.	-
一溴聯苯 / Monobromobiphenyl		n.d.	n.d.	5
二溴聯苯 / Dibromobiphenyl		n.d.	n.d.	5
三溴聯苯 / Tribromobiphenyl		n.d.	n.d.	5
四溴聯苯 / Tetrabromobiphenyl		n.d.	n.d.	5
五溴聯苯 / Pentabromobiphenyl		n.d.	n.d.	5
六溴聯苯 / Hexabromobiphenyl		n.d.	n.d.	5
七溴聯苯 / Heptabromobiphenyl		n.d.	n.d.	5
八溴聯苯 / Octabromobiphenyl		n.d.	n.d.	5
九溴聯苯 / Nonabromobiphenyl		n.d.	n.d.	5
十溴聯苯 / Decabromobiphenyl		n.d.	n.d.	5
多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)		n.d.	n.d.	-
一溴聯苯醚 / Monobromobiphenyl ether		n.d.	n.d.	5
二溴聯苯醚 / Dibromobiphenyl ether		n.d.	n.d.	5
三溴聯苯醚 / Tribromobiphenyl ether		n.d.	n.d.	5
四溴聯苯醚 / Tetrabromobiphenyl ether		n.d.	n.d.	5
五溴聯苯醚 / Pentabromobiphenyl ether		n.d.	n.d.	5
六溴聯苯醚 / Hexabromobiphenyl ether		n.d.	n.d.	5
七溴聯苯醚 / Heptabromobiphenyl ether		n.d.	n.d.	5
八溴聯苯醚 / Octabromobiphenyl ether		n.d.	n.d.	5
九溴聯苯醚 / Nonabromobiphenyl ether	n.d.	n.d.	5	
十溴聯苯醚 / Decabromobiphenyl ether	n.d.	n.d.	5	
多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca)	n.d.	n.d.	-	

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測試部位描述 (TEST PART DESCRIPTION):

- NO.1 : 金色金屬 (GOLDEN COLORED METAL (TERMINAL / TST-6-A / C2680R) (CE/2007/32978 NO.1))
- NO.2 : 黑色塑膠 (BLACK PLASTIC (BASE / TSB-6m (66) / PA20%) (CE/2007/32978 NO.4))
- NO.3 : 棕色塑膠 (BROWN PLASTIC (BASE / TSB-6m / PA46) (CE/2007/32978 NO.5))
- NO.4 : 白色塑膠 (WHITE PLASTIC (STEM / MTSP-66W / PA9T 2458) (CE/2007/32978 NO.7))
- NO.5 : 棕色塑膠 (BROWN PLASTIC (STEM / MTSP-65N / PA9T 2458) (CE/2007/32978 NO.10))
- NO.6 : 銀色金屬 (SILVER COLORED METAL (TERMINAL / TST-6 / C2680R) (CE/2007/33038 NO.1))
- NO.7 : 銀色金屬 (SILVER COLORED METAL (CONTACT / TSE-516SC / SUS301) (CE/2007/33038 NO.2))
- NO.8 : 銀色金屬 (SILVER COLORED METAL (COVER / TSC-6 / SUS430) (CE/2007/33038 NO.3))
- NO.9 : 銀/金色金屬 (SILVER/GOLDEN COLORED METAL (CONTACT / TSE-63C / C5210R) (CE/2007/33038 NO.4))
- NO.10 : 黑色塑膠 (BLACK PLASTIC (STEM / MTSP-648K / PA9T 2458) (CE/2007/33038 NO.5))
- NO.11 : 棕色塑膠 (BROWN PLASTIC (STEM / MTSP-644N / PA9T 2458) (CE/2007/33038 NO.6))
- NO.12 : 紅色塑膠 (RED PLASTIC (STEM / MTSP-644R / PA9T 2458) (CE/2007/33038 NO.7))
- NO.13 : 黃色塑膠 (YELLOW PLASTIC (STEM / MTSP-644Y / PA9T 2458) (CE/2007/33038 NO.8))
- NO.14 : 橘色塑膠 (ORANGE PLASTIC (STEM / MTSP-644S / PA9T 2458) (CE/2007/33038 NO.9))
- NO.15 : 藍色塑膠 (BLUE PLASTIC (STEM / MTSP-644 μ / PA9T 2458) (CE/2007/33038 NO.10))
- NO.16 : 綠色塑膠 (GREEN PLASTIC (STEM / MTSP-63G / PA20%) (CE/2007/32989 NO.3))
- NO.17 : 紅色塑膠 (RED PLASTIC (STEM / MTSP-61R / PA20%) (CE/2007/32989 NO.4))
- NO.18 : 靛藍色塑膠 (INDIGO PLASTIC (STEM / MTSP-63IN / PA20%) (CE/2007/32989 NO.5))
- NO.19 : 黑色塑膠 (BLACK PLASTIC (STEM / MTSP-65K / PA20%) (CE/2007/32989 NO.6))
- NO.20 : 黃色塑膠 (YELLOW PLASTIC (STEM / MTSP-62Y / PA20%) (CE/2007/32989 NO.7))
- NO.21 : 藍色塑膠 (BLUE PLASTIC (STEM / MTSP-65U / PA20%) (CE/2007/32989 NO.8))
- NO.22 : 橘色塑膠 (ORANGE PLASTIC (STEM / MTSP-65S / PA20%) (CE/2007/32989 NO.9))
- NO.23 : 棕色塑膠 (BROWN PLASTIC (STEM / MTSP-65N / PA20%) (CE/2007/32989 NO.10))

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備註(Note):

1. mg/kg = ppm
2. n.d. = Not Detected (未檢出)
3. MDL = Method Detection Limit (方法偵測極限值)
4. 根據2005年10月13日歐盟會議公佈2005/717/EC, 修訂2002/95/EC內容, 通過解除高分子材質中十溴聯苯醚之使用限制。(According to 2005/717/EC DecaBDE is exempt.)
5. Spot-test:
Negative = Absence of Cr(VI) coating / surface layer(鍍層中偵測不到六價鉻),
Positive = Presence of Cr(VI) coating / surface layer(鍍層中偵測到六價鉻);
The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.
(當該測項無法確認時, 測試樣品可藉由boiling-water-extraction測試方法進一步確認)
Boiling-water-extraction:
Negative = Absence of Cr(VI) coating / surface layer(鍍層中偵測不到六價鉻),
Positive = Presence of Cr(VI) coating / surface layer(鍍層中偵測到六價鉻);
the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.
該溶液濃度 \geq 0.02 mg/kg with 50 cm² (sample surface area)
6. "-" = Not Regulated (無規格值)
7. "---" = Not Conducted (未測項目)

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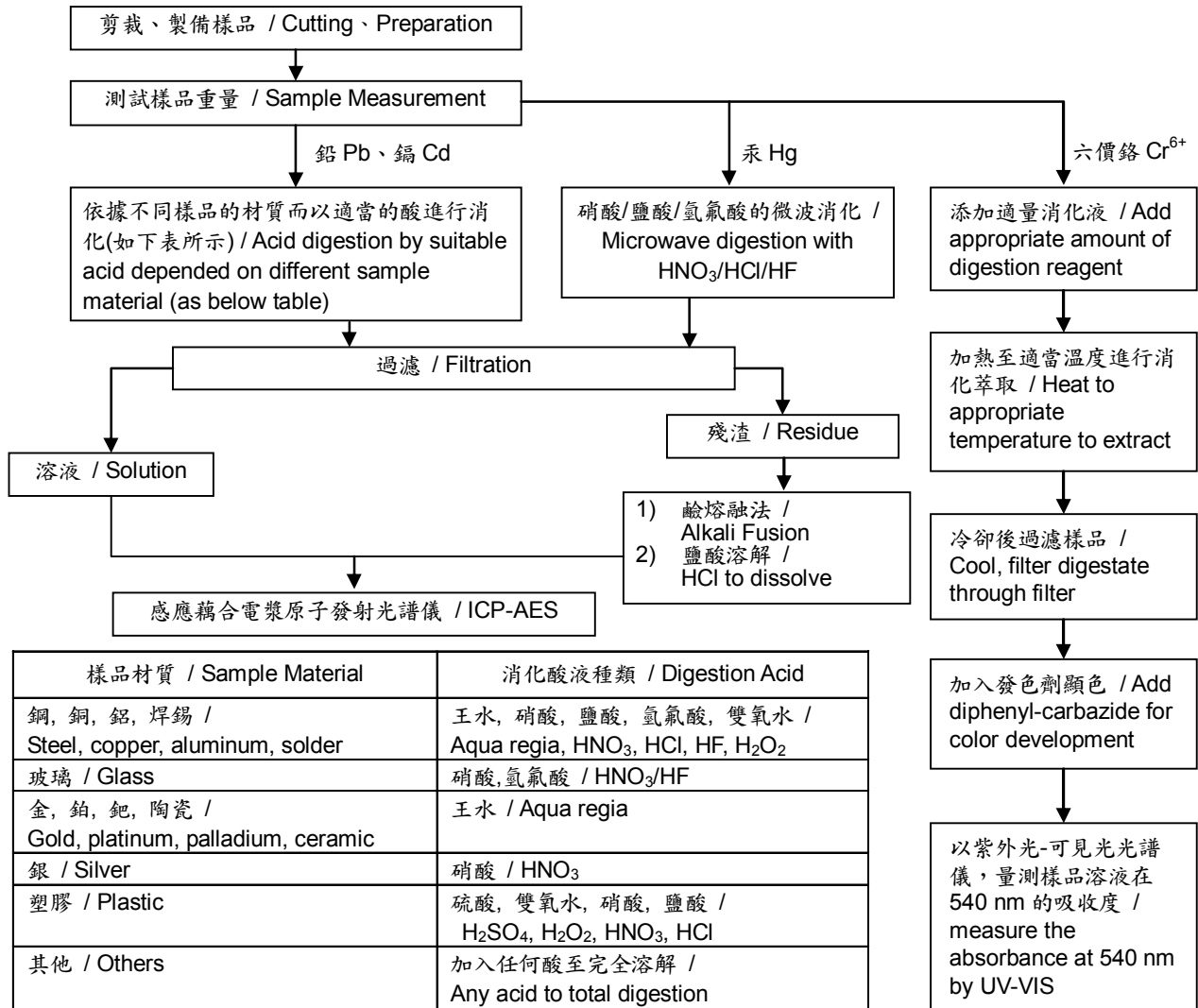
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- 1) 根據以下的流程圖之條件，樣品已完全溶解。(六價鉻測試方法除外) / These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)
- 2) 測試人員：張啓興 / Name of the person who made measurement: Troy Chang
- 3) 測試負責人：龔振裕 / Name of the person in charge of measurement: Chenyu Kung



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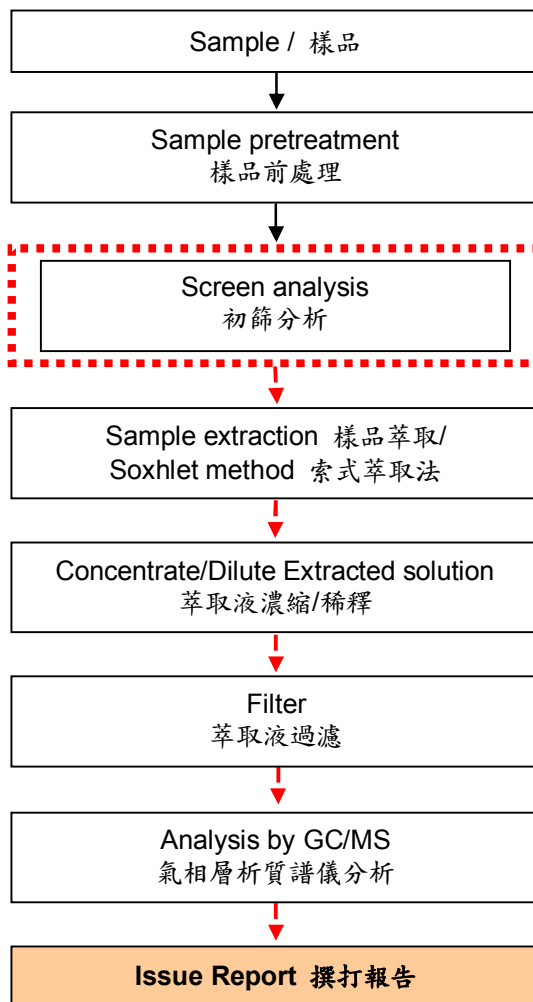


多溴聯苯/多溴聯苯醚分析流程圖 / PBB/PBDE analytical FLOW CHART

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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NO.1



NO.2



NO.3



NO.4



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NO.5



NO.6



NO.7



NO.8



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NO.9



NO.10



NO.11



NO.12



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NO.13



NO.14



NO.15



NO.16



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NO.17



NO.18



NO.19



NO.20



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NO.21



NO.22



NO.23



** 報告結尾 **