

號碼(No.): ETR23705620

日期(Date): 04-Aug-2023

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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 the applicant as):

送樣廠商(Sample Submitted By)

樣品名稱(Sample Name)

LEAD FREE PLATING USE MATTE TIN (使用霧錫電鍍)

樣品型號(Style/Item No.)

TIN PLATING SAMPLE

收件日(Sample Receiving Date)

測試期間(Testing Period)

27-Jul-2023

27-Jul-2023 to 04-Aug-2023

測試需求(Test Requested)

(1) 依據客戶指定、參考RoHS 2011/65/EU Annex II及其修訂指令(EU) 2015/863測試 鎬、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP, BBP, DEHP, DIBP。 (As specified by client, with reference to RoHS 2011/65/EU Annex II and amending Directive (EU) 2015/863 to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP contents in the submitted sample(s).)

(2) 其他測試項目請見下一頁。 (Please refer to next pages for the other item(s).) 請參閱下一頁 (Please refer to following pages.)

測試結果(Test Results)

結 論(Conclusion)

(1) 根據客戶所提供的樣品,其編、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP,

BBP, DEHP, DIBP的測試結果符合RoHS 2011/65/EU Annex II暨其修訂指令(EU) 2015/863之限值要求。 (Based on the performed tests on submitted sample(s), the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by RoHS Directive (EU) 2015/863

amending Annex II to Directive 2011/65/EU.)

Troy Chand / Department Malager Signed for and on behalf of Away SGS TAIWAN LTD. Chemical Laboratory - Taipei

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測試部位敘述 (Test Part Description)

No.1

銀色金屬片 (SILVER COLORED METAL SHEET)

測試結果 (Test Results)

測試項目	測試方法	單位	MDL	結果	限值
(Test Items)	(Method)	(Unit)		(Result)	(Limit)
				No.1	
鎘 (Cd) (Cadmium (Cd))	參考IEC 62321-5: 2013 · 以感應耦合電漿	mg/kg	2	n.d.	100
	發射光譜儀分析。(With reference to IEC				
	62321-5: 2013, analysis was performed				
	by ICP-OES.)				- NATION CONTINUES OF THE SAME
鉛 (Pb) (Lead (Pb))	參考IEC 62321-5: 2013,以感應耦合電漿	mg/kg	2	5.77	1000
	發射光譜儀分析。(With reference to IEC				
	62321-5: 2013, analysis was performed				
	by ICP-OES.)				
汞 (Hg) (Mercury (Hg))	參考IEC 62321-4: 2013+ AMD1: 2017	mg/kg	2	n.d.	1000
	以感應耦合電漿發射光譜儀分析。(With				
	reference to IEC 62321-4: 2013+ AMD1:				
	2017, analysis was performed by ICP- OES.)				
上 (唐 公 / L L + C) C . / / / /	●考IEC 62321-7-1: 2015・以紫外光-可見	/2	0.1		
六價鉻 (Hexavalent Chromium) Cr(VI) (#2)	多名IEC 02321-7-1: 2015 · 以系外元-可見 光分光光度計分析。(With reference to	μg/cm²	U.I	n.d.	-
(#2)	EC 62321-7-1: 2015, analysis was				
	performed by UV-VIS.)				
一溴聯苯 (Monobromobiphenyl)	perioritied by 6 v vis.)	mg/kg	5	n.d.	_
二溴聯苯 (Dibromobiphenyl)		mg/kg	5	n.d.	-
三溴聯苯 (Tribromobiphenyl)		mg/kg	5	n.d.	-
四溴聯苯 (Tetrabromobiphenyl)		mg/kg	5	n.d.	-
五溴聯苯 (Pentabromobiphenyl)	参考IEC 62321-6: 2015 以氣相層析儀/質	mg/kg	5	n.d.	-
六溴聯苯 (Hexabromobiphenyl)	譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by	mg/kg	5	n.d.	-
七溴聯苯 (Heptabromobiphenyl)	GC/MS.)	mg/kg	5	n.d.	-
八溴聯苯 (Octabromobiphenyl)	- C C / 11.0./	mg/kg	5	n.d.	_
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	-
十溴聯苯 (Decabromobiphenyl)		mg/kg	5	n.d.	_
多溴聯苯總和 (Sum of PBBs)		mg/kg	-	n.d.	1000

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(Test Items)	(Method)	(Unit)		(Result)	(Limit)
				No.1	
一溴聯苯醚 (Monobromodiphenyl ether)		mg/kg	5	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)		mg/kg	5	n.d.	-
三溴聯苯醚 (Tribromodiphenyl ether)		mg/kg	5	n.d.	-
四溴聯苯醚 (Tetrabromodiphenyl ether)] ┪參考IEC 62321-6: 2015.以氣相層析儀/質	mg/kg	5	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)	参名IEC 02321-0.2013 · 以無相層和 6/頁 譜儀分析。(With reference to IEC 62321-	mg/kg	5	n.d.	-
六溴聯苯醚 (Hexabromodiphenyl ether)	6: 2015, analysis was performed by	mg/kg	5	n.d.	-
七溴聯苯醚 (Heptabromodiphenyl ether)	GC/MS.)	mg/kg	5	n.d.	-
八溴聯苯醚 (Octabromodiphenyl ether)	GC/1W3.)	mg/kg	5	n.d.	-
九溴聯苯醚 (Nonabromodiphenyl ether)		mg/kg	5	n.d.	-
十溴聯苯醚 (Decabromodiphenyl ether)		mg/kg	5	n.d.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	1000
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl		mg/kg	50	n.d.	1000
phthalate (BBP))					
鄰苯二甲酸二丁酯 (DBP) (Dibutyl		mg/kg	50	n.d.	1000
phthalate (DBP))	☆老児C 62221 0: 2017 以复担屋长 <i>房</i>				
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-	参考IEC 62321-8: 2017,以氣相層析儀/質 譜儀分析。(With reference to IEC 62321-	mg/kg	50	n.d.	1000
(2-ethylhexyl) phthalate (DEHP))	高麗力が、(With reference to IEC 62321- 8: 2017, analysis was performed by				
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl	GC/MS.)	mg/kg	50	n.d.	1000
phthalate (DIBP))	GC/1013.)				
鄰苯二甲酸二異壬酯 (DINP) (Diisononyl		mg/kg	50	n.d.	-
phthalate (DINP)) (CAS No.: 28553-12-					
0, 68515-48-0)					
氟 (F) (Fluorine (F)) (CAS No.: 14762-94-		mg/kg	50	n.d.	-
8)					
氯 (Cl) (Chlorine (Cl)) (CAS No.: 22537-	 参考BS EN 14582: 2016 · 以離子層析儀分	mg/kg	50	n.d.	-
15-1)	参考B3 EN 14362. 2016・以離于層が展別 析。(With reference to BS EN 14582:				
溴 (Br) (Bromine (Br)) (CAS No.: 10097-	2016, analysis was performed by IC.)	mg/kg	50	n.d.	-
32-2)	2010, analysis was performed by IC.)				
碘 (I) (Iodine (I)) (CAS No.: 14362-44-8)		mg/kg	50	n.d.	-

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測試項目	測試方法	單位	MDL	結果	限值
(Test Items)	(Method)	(Unit)		(Result)	(Limit)
				No.1	
四溴雙酚-A (TBBP-A)	参考RSTS-E&E-121,以液相層析儀/質譜	mg/kg	10	n.d.	-
(Tetrabromobisphenol A (TBBP-A))	儀分析。(With reference to RSTS-E&E-				
(CAS No.: 79-94-7)	121, analysis was performed by LC/MS.)				
中鏈氯化石蠟(C14-C17) (MCCP)	參考ISO 18219-2: 2021 · 以氣相層析儀/	mg/kg	50	n.d.	-
(Medium Chain Chlorinated	質譜儀分析。(With reference to ISO				
Paraffins(C14-C17) (MCCP)) (CAS No.:	18219-2: 2021, analysis was performed				
85535-85-9)	by GC/MS.)				
多氯聯苯 (PCBs) (Polychlorinated	参考US EPA 3550C: 2007 · 以氣相層析儀/	mg/kg	0.5	n.d.	-
biphenyls (PCBs))	質譜儀分析。(With reference to US EPA				
	3550C: 2007, analysis was performed by				
	GC/MS.)				
全氟辛烷磺酸 (PFOS) (Perfluorooctane	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
sulfonates (PFOS)) (CAS No.: 1763-23-	聯質譜儀分析。(With reference to				
1)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				
全氟辛基磺酸鉀 (PFOS-K) (Potassium	由全氟辛烷磺酸測試結果計算得之。	mg/kg	0.01 🛦	n.d.	-
Perfluorooctanesulfonate (PFOS-K))	(Calculated from the result of PFOS.)				
(CAS No.: 2795-39-3)					
全氟辛基磺酸鋰 (PFOS-Li)	由全氟辛烷磺酸測試結果計算得之。	mg/kg	0.01 🛦	n.d.	-
(Perfluorooctanesulfonic acid, lithium	(Calculated from the result of PFOS.)				
salt (PFOS-Li)) (CAS No.: 29457-72-5)					
全氟辛基磺酸銨 (PFOS-NH4)	由全氟辛烷磺酸測試結果計算得之。	mg/kg	0.01 🛦	n.d.	-
(Perfluorooctanesulfonic acid,	(Calculated from the result of PFOS.)				
ammonium salt (PFOS-NH4)) (CAS No.:					
29081-56-9)				ĺ	
全氟辛基磺酸二乙醇銨 (PFOS-NH(OH)2)	由全氟辛烷磺酸測試結果計算得之。	mg/kg	0.01▲	n.d.	-
(Perfluorooctane sulfonate	(Calculated from the result of PFOS.)				1
diethanolamine salt (PFOS-NH(OH)2))					
(CAS No.: 70225-14-8)					

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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.1	限值 (Limit)
全氟辛基磺酸四乙基銨 (PFOS-N(C2H5)4) (Perfluorooctanesulfonic acid,tetraethylammonium salt (PFOS- N(C2H5)4)) (CAS No.: 56773-42-3)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01 🛦	n.d.	-
全氟辛基磺酸二癸二甲基銨 (PFOS-DDA) (N-decyl-N,N-dimethyldecan-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate (PFOS-DDA)) (CAS No.: 251099-16-8)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01 🛦	n.d.	_
全氟辛基磺醯氟 (POSF) (Perfluorooctane sulfonyl fluoride (POSF)) (CAS No.: 307- 35-7)	(Calculated from the result of PFOS.)	mg/kg	0.01 🛦	n.d.	-
全氟辛基磺酸鎂 (PFOS-Mg) (Perfluorooctanesulfonic acid, magnesium salt (PFOS-Mg)) (CAS No.: 91036-71-4)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01 🛦	n.d.	_
全氟辛基磺酸鈉 (PFOS-Na) (Perfluorooctanesulfonic acid, sodium salt (PFOS-Na)) (CAS No.: 4021-47-0)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01 🛦	n.d.	-
N-乙基全氟正辛磺醯胺 (EtFOSA) (N-ethylperfluoro-1-octanesulfonamide (EtFOSA)) (CAS No.: 4151-50-2)	參考CEN/TS 15968: 2010 · 以液相層析串 聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.	-
(N-Me-FOSA)) (CAS No.: 31506-32-8)	參考CEN/TS 15968: 2010·以液相層析串 聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.	_
alcohol) (N-Ethyl-	參考CEN/TS 15968: 2010,以液相層析串 聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.	-

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(Test Items)	(Method)	(Unit)		(Result)	(Limit)
				No.1	
•	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
alcohol) (N-Methyl-	聯質譜儀分析。(With reference to				
Perfluoroctanesulfonamidoethanol (N-	CEN/TS 15968: 2010, analysis was	ĺ	j		
Me-FOSE alcohol)) (CAS No.: 24448-	performed by LC/MS/MS.)				
09-7)					
全氟辛基磺醯胺 (PFOSA)	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	-
(Perfluoroctanesulfonamide (PFOSA))	聯質譜儀分析。(With reference to				
(CAS No.: 754-91-6)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				
全氟辛酸(PFOA) (Perfluorooctanoic	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	-
Acid (PFOA)) (CAS No.: 335-67-1)	聯質譜儀分析。(With reference to				
	CEN/TS 15968: 2010, analysis was				
A F THAT (DEGA AL) (C. I)	performed by LC/MS/MS.)		0.01		
全氟辛酸鈉 (PFOA-Na) (Sodium	由全氟辛酸測試結果計算得之。	mg/kg	0.01 🛦	n.d.	-
perfluorooctanoate (PFOA-Na)) (CAS	(Calculated from the result of PFOA.)				
No.: 335-95-5)	中人气力部测针化用社签组为	/1	0.01 4		
全氟辛酸鉀 (PFOA-K) (Potassium	由全氟辛酸測試結果計算得之。	mg/kg	0.01▲	n.d.	- [
perfluorooctanoate (PFOA-K)) (CAS No.: 2395-00-8)	(Calculated from the result of PFOA.)				
全氟辛酸銀 (PFOA-Ag) (Silver	L由全氟辛酸測試結果計算得之。	mg/kg	0.01 🛦	n.d.	
主無干酸酸 (PFOA-Ag) (Sliver perfluorooctanote (PFOA-Ag)) (CAS	田主	mg/kg	0.01 🛎	n.a.	-
No.: 335-93-3)	(Calculated Hoff the result of Froa.)				
全氟辛氟 (PFOA-F) (Perfluorooctanoyl	 由全氟辛酸測試結果計算得之。	mg/kg	0.01 🛦	n.d.	_
fluoride (PFOA-F)) (CAS No.: 335-66-0)	(Calculated from the result of PFOA.)	mg/kg	0.01	ilia.	
全氟辛酸銨 (APFO) (Ammonium	由全氟辛酸測試結果計算得之。	mg/kg	0.01 🛦	n.d.	-
pentadecafluorooctanoate (APFO))	(Calculated from the result of PFOA.)	9,9	0.0	1,116.1	
(CAS No.: 3825-26-1)	,				
TH,1H,2H,2H-全氟癸磺酸 (8:2 FTS)	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	-
(1H,1H,2H,2H-Perfluorodecanesulfonic	聯質譜儀分析。(With reference to	J. J		ĺ	ĺ
acid (8:2 FTS)) (CAS No.: 39108-34-4)	CEN/TS 15968: 2010, analysis was			l	ļ
·	performed by LC/MS/MS.)				

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(Test Items)	(Method)	(Unit)		(Result)	(Limit)
	6 */ CEN TC 150C0 2010 N/C IPP/C // I	- 4	0.1	No.1	
全氟辛酸甲酯 (Me-PFOA) (Methyl	參考CEN/TS 15968: 2010 · 以氣相層析儀/	mg/kg	0.1	n.d.	_
perfluorooctanoate (Me-PFOA)) (CAS	質譜儀分析。(With reference to CEN/TS				
No.: 376-27-2)	15968: 2010, analysis was performed by				
	GC/MS.)	d			
全氟辛酸乙酯 (Et-PFOA) (Ethyl	參考CEN/TS 15968: 2010 · 以氣相層析儀/	mg/kg	0.1	n.d.	-
perfluorooctanoate (Et-PFOA)) (CAS	質譜儀分析。(With reference to CEN/TS				
No.: 3108-24-5)	15968: 2010, analysis was performed by				
	GC/MS.)				
1H,1H,2H,2H-全氟-1-癸醇 (8:2 FTOH)	參考CEN/TS 15968: 2010,以氣相層析儀/	mg/kg	0.1	n.d.	-
, , , , , , , , , , , , , , , , , , ,	質譜儀分析。(With reference to CEN/TS				
FTOH)) (CAS No.: 678-39-7)	15968: 2010, analysis was performed by				
	GC/MS.)				
1H,1H,2H,2H-全氟癸基丙烯酸酯 (8:2	参考CEN/TS 15968: 2010 · 以氣相層析儀/	mg/kg	0.1	n.d.	-
FTA) (1H,1H,2H,2H-Perfluorodecyl	質譜儀分析。(With reference to CEN/TS				
acrylate (8:2 FTA)) (CAS No.: 27905-45-	15968: 2010, analysis was performed by				
9)	GC/MS.)				
1H,1H,2H,2H-全氟癸基甲基丙烯酸鹽 (8:2	· ·	mg/kg	0.1	n.d.	-
FTMA) (1H,1H,2H,2H-Perfluorodecyl	質譜儀分析。(With reference to CEN/TS				
methacrylate (8:2 FTMA)) (CAS No.:	15968: 2010, analysis was performed by				
1996-88-9)	GC/MS.)		Salvania and American Company of the		
全氟辛基碘烷 (PFOI) (Perfluoro-1-	參考CEN/TS 15968: 2010 · 以氣相層析儀/	mg/kg	0.1	n.d.	-
iodooctane (PFOI)) (CAS No.: 507-63-1)	質譜儀分析。(With reference to CEN/TS				
	15968: 2010, analysis was performed by				l
	GC/MS.)				
鈹 (Be) (Beryllium (Be)) (CAS No.: 7440-	參考US EPA 3050B: 1996,以感應耦合電	mg/kg	2	n.d.	-
41-7)	漿發射光譜儀分析。(With reference to				
	US EPA 3050B: 1996, analysis was				
	performed by ICP-OES.)				
銻 (Sb) (Antimony (Sb)) (CAS No.: 7440-	參考US EPA 3050B: 1996,以感應耦合電	mg/kg	2	n.d.	-
36-0)	漿發射光譜儀分析。(With reference to	1			
	US EPA 3050B: 1996, analysis was				
	performed by ICP-OES.)				

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測試項目	測試方法	單位	MDL	結果	限值
(Test Items)	(Method)	(Unit)		(Result)	(Limit)
				No.1	
38-2)	參考US EPA 3052: 1996‧以感應耦合電漿 發射光譜儀分析。(With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	-

備註(Note):

- 1. mg/kg = ppm; 0.1wt% = 0.1% = 1000ppm
- 2. MDL = Method Detection Limit (方法偵測極限值)
- 3. n.d. = Not Detected (未檢出); 小於MDL / Less than MDL
- 4. "-" = Not Regulated (無規格值)
- 5. (#2) =
 - a. 當六價鉻結果大於0.13 μg/cm²,表示樣品表層含有六價鉻。 (The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 μg/cm². The sample coating is considered to contain Cr(VI).)
 - b. 當六價鉻結果為n.d. (濃度小於0.10 μg/cm²),表示表層不含六價鉻。(The sample is negative for Cr(VI) if Cr(VI) is n.d. (concentration less than 0.10 μg/cm²). The coating is considered a non-Cr(VI) based coating)
 - c. 當六價鉻結果介於 0.10 及 0.13 μg/cm² 時,無法確定塗層是否含有六價鉻。(The result between 0.10 μg/cm² and 0.13 μg/cm² is considered to be inconclusive unavoidable coating variations may influence the determination.)
- 6. ▲: MDL是針對元素/測試化合物之評估。(The MDL was evaluated for element / tested substance.) 參數換算表 (Parameter Conversion Table):
 - https://eecloud.sgs.com/Region TW/DocDownload.aspx?name=Others
- 7. 除非另有說明·參照ILAC-G8:09/2019·採用簡單二元(w=0)允收規則進行符合性判定;根據此規則·符合性結果之判定係以測試結果與限值做比較。(Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.)

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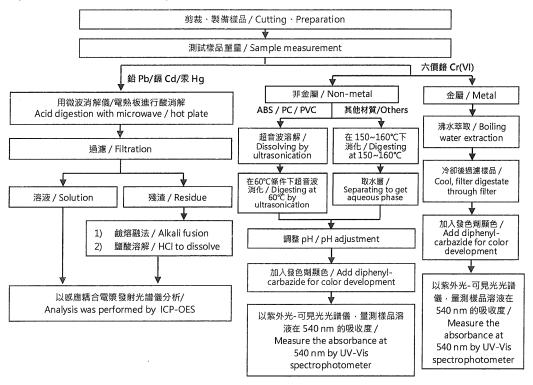
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重金屬流程圖 / Analytical flow chart of heavy metal

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. (Cr^{6+} test method excluded)



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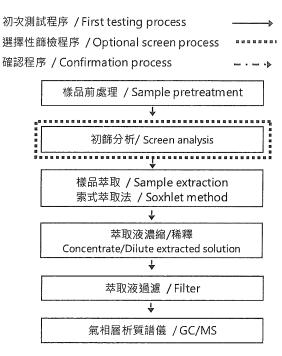


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多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs



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可塑劑分析流程圖 / Analytical flow chart - Phthalate

【測試方法/Test method: IEC 62321-8】

樣品前處理/分樣 /
Sample pretreatment/separation

樣品以 THF 四氫呋喃溶解萃取 /
Sample dissolved/extracted by THF

萃取液稀釋 /
Dilute extracted solution

氧相層析質譜儀分析 /
Analysis was performed by GC/MS

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鹵素分析流程圖 / Analytical flow chart - Halogen

樣品前處理/分樣 / Sample pretreatment / Separation

秤重及將樣品放入樣品槽中 / Weighting and putting sample in cell

燃燒彈/吸收 / Oxygen bomb combustion / Absorption

> 稀釋至固定體積 / Dilution to fixed volume

以離子層祈儀分析 / Analysis was performed by IC

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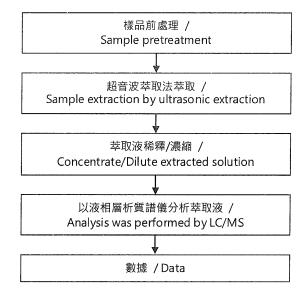


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四溴雙酚-A 分析流程圖 / Analytical flow chart - TBBP-A



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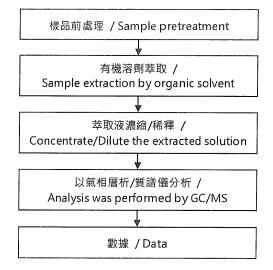
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分析流程圖 / Analytical flow chart

【適用於:多氯聯苯、多氯奈、多氯三聯苯、滅蟻靈、氯化石蠟、DBBT】

*Apply to: PCBs, PCNs, PCTs, Mirex, Chlorinated Paraffins, DBBT



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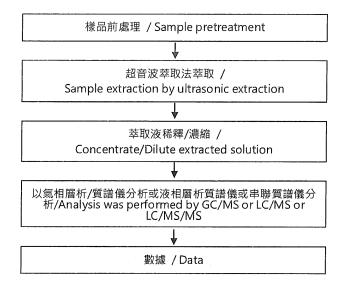


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全氟化合物(包含全氟辛酸/全氟辛烷磺酸/其相關化合物等等)分析流程圖 / Analytical flow chart – PFAS (including PFOA/PFOS/its related compound, etc.)



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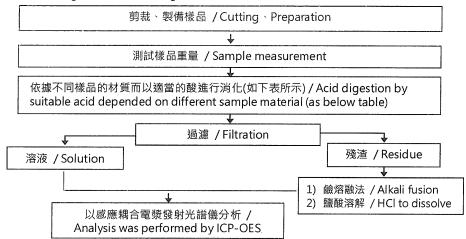
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元素以 ICP-OES 分析的消化流程圖 (Flow chart of digestion for the elements analysis performed by ICP-OES)

根據以下的流程圖之條件,樣品已完全溶解。 / These samples were dissolved totally by pre-conditioning method according to below flow chart.



鋼,銅,鋁,焊錫 / Steel, copper, aluminum, solder	王水,硝酸,鹽酸,氫氟酸,雙氧水 / Aqua regia, HNO₃, HCl, HF, H₂O₂
玻璃 / Glass	硝酸,氫氟酸 / HNO3,HF
金,鉑,鈀,陶瓷 / Gold, platinum, palladium, ceramic	王水 / Aqua regia
銀 / Silver	硝酸 / HNO₃
塑膠 / Plastic	硫酸,雙氧水,硝酸,鹽酸 / H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCI
其他 / Others	加入適當的試劑至完全溶解 / Added appropriate reagent to total digestion

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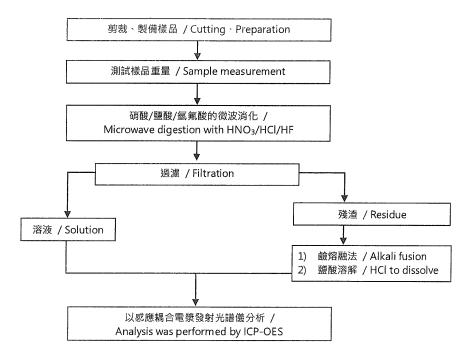
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元素(含重金屬)分析流程圖 / Analytical flow chart of elements (Heavy metal included)

根據以下的流程圖之條件,樣品已完全溶解。

These samples were dissolved totally by pre-conditioning method according to below flow chart.

【参考方法/Reference method: US EPA 3051A、US EPA 3052】



* US EPA 3051A 方法未添加氫氟酸 / US EPA 3051A method does not add HF.

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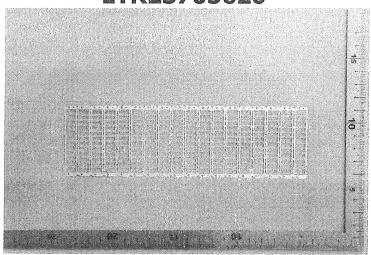
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* 照片中如有箭頭標示 · 則表示為實際檢測之樣品/部位. * (The tested sample / part is marked by an arrow if it's shown on the photo.)

ETR23705620



** 報告結尾 (End of Report) **

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