

測試報告

Test Report

號碼(No.) : CE/2020/82444

日期(Date) : 2020/08/24

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華新科技股份有限公司

WALSIN TECHNOLOGY CORPORATION


桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

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) : 華新科技股份有限公司 (WALSIN TECHNOLOGY CORPORATION)
樣品名稱(Sample Description) : RESISTOR PRODUCT
樣品型號(Style/Item No.) : CHIP RESISTOR (WR/WF/WW SERIES, 01005 / 0201 / 0402 / 0603 / 0805 / 1206 / 1210 / 1218 / 2010 / 2512 SIZE)
收件日期(Sample Receiving Date) : 2020/08/17
測試期間(Testing Period) : 2020/08/17 to 2020/08/24

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages).


Troy Chang / Manager - Tech
Signed for and behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: F594C4E6

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測試結果(Test Results)

測試部位(PART NAME)No. 1 : 整體混測 (MIXED ALL PARTS)

測試部位(PART NAME)No. 2 : WR04X

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
鎘 / Cadmium (Cd)	mg/kg	參考 IEC 62321-5: 2013, 以感應耦合電漿發射光譜儀檢測. / With reference to IEC 62321-5: 2013 and performed by ICP-OES.	2	n. d.	---
鉛 / Lead (Pb)	mg/kg	參考 IEC 62321-5: 2013, 以感應耦合電漿發射光譜儀檢測. / With reference to IEC 62321-5: 2013 and performed by ICP-OES.	2	706	---
汞 / Mercury (Hg)	mg/kg	參考 IEC 62321-4:2013+ AMD1:2017, 以感應耦合電漿發射光譜儀檢測. / With reference to IEC 62321-4:2013+ AMD1:2017 and performed by ICP-OES.	2	n. d.	---
六價鉻 / Hexavalent Chromium Cr(VI) (◆)	mg/kg	參考 IEC 62321-7-2: 2017, 以UV-VIS 檢測; 參考 IEC 62321-5: 2013, 以 ICP-OES 檢測. / With reference to IEC 62321-7-2: 2017 and performed by UV-VIS. ; With reference to IEC 62321-5: 2013 and performed by ICP-OES.	8	n. d.	---
六價鉻 / Hexavalent Chromium Cr(VI)	mg/kg	參考 IEC 62321-7-2: 2017, 以UV-VIS 檢測. / With reference to IEC 62321-7-2: 2017 and performed by UV-VIS.	8	n. d.	---

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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
多溴聯苯總和 / Sum of PBBs	mg/kg	參考 IEC 62321-6: 2015, 以氣相層析/ 質譜儀檢測。 / With reference to IEC 62321-6: 2015 and performed by GC/MS.	—	n. d.	---
一溴聯苯 / Monobromobiphenyl	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	mg/kg		5	n. d.	---
六溴聯苯 / Hexabromobiphenyl	mg/kg		5	n. d.	---
七溴聯苯 / Heptabromobiphenyl	mg/kg		5	n. d.	---
八溴聯苯 / Octabromobiphenyl	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.	---
多溴聯苯醚總和 / Sum of PBDEs	mg/kg		—	n. d.	---
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	mg/kg		5	n. d.	---
五溴聯苯醚 / Pentabromodiphenyl ether	mg/kg		5	n. d.	---
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg		5	n. d.	---
七溴聯苯醚 / Heptabromodiphenyl ether	mg/kg		5	n. d.	---
八溴聯苯醚 / Octabromodiphenyl ether	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.	---

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NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No. : 85-68-7)	mg/kg	參考 IEC 62321-8: 2017, 以氣相層析/質譜儀檢測。 / With reference to IEC 62321-8: 2017. Analysis was performed by GC/MS.	50	n. d.	---
鄰苯二甲酸二丁酯 / DBP (Dibutyl phthalate) (CAS No. : 84-74-2)	mg/kg		50	n. d.	---
鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No. : 117-81-7)	mg/kg		50	n. d.	---
鄰苯二甲酸二異丁酯 / DIBP (Di-isobutyl phthalate) (CAS No. : 84-69-5)	mg/kg		50	n. d.	---
鄰苯二甲酸二異癸酯 / DIDP (Di-isodecyl phthalate) (CAS No. : 26761-40-0; 68515-49-1)	mg/kg		50	n. d.	---
鄰苯二甲酸二異壬酯 / DINP (Di-isononyl phthalate) (CAS No. : 28553-12-0; 68515-48-0)	mg/kg		50	n. d.	---
鄰苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No. : 117-84-0)	mg/kg		50	n. d.	---
鄰苯二甲酸二正己酯 / DNHP (Di-n-hexyl phthalate) (CAS No. : 84-75-3)	mg/kg		50	n. d.	---
鄰苯二甲酸二正庚酯 / DNHP (Di-n-heptyl phthalate) (CAS No. : 3648-21-3)	mg/kg		50	n. d.	---
六溴環十二烷及所有主要被辨別出的異構物 / Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) (CAS No. : 25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))	mg/kg	參考 IEC 62321: 2008, 以氣相層析/質譜儀檢測。 / With reference to IEC 62321: 2008. Analysis was performed by GC/MS.	5	n. d.	---

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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
鹵素 / Halogen					
鹵素 (氟) / Halogen-Fluorine (F) (CAS No. : 14762-94-8)	mg/kg	參考BS EN 14582: 2016, 以離子層析儀分析. / With reference to BS EN 14582: 2016. 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.	---
全氟辛烷磺酸及其鹽類 / PFOS and its salts (CAS No. : 1763-23-1 and its salts)	mg/kg	參考CEN/TS 15968: 2010, 以液相層析 / 質譜儀檢測. / With reference to CEN/TS 15968: 2010. Analysis was performed by LC/MS.	0.01	n. d.	---
全氟辛酸及其鹽類 / PFOA and its salts (CAS No. : 335-67-1 and its salts)	mg/kg	參考CEN/TS 15968: 2010, 以液相層析 / 質譜儀檢測. / With reference to CEN/TS 15968: 2010. Analysis was performed by LC/MS.	0.01	n. d.	---
多氯聯苯 / Polychlorinated Biphenyls (PCBs) (CAS No. : 1336-36-3)	mg/kg	參考US EPA 3550C: 2007, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by GC/MS.	0.5	n. d.	---
多氯萘 / Polychlorinated Naphthalene (PCNs)	mg/kg	參考US EPA 3550C: 2007, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by GC/MS.	5	n. d.	---

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				No. 1	No. 2
多氯三聯苯 / Polychlorinated Terphenyls (PCTs)	mg/kg	參考US EPA 3550C: 2007, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by GC/MS.	0.5	n. d.	---
短鏈氯化石蠟 / Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (CAS No.: 85535-84-8)	mg/kg	參考US EPA 3550C: 2007, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by GC/MS.	100	n. d.	---
四溴雙酚-A / Tetrabromobisphenol A (TBBP-A) (CAS No.: 79-94-7)	mg/kg	參考Global SOP RSTS-E&E-121: 2012, 以液相層析 / 質譜儀分析. / With reference to Global SOP RSTS-E&E-121: 2012. Analysis was performed by LC/MS.	10	n. d.	---
富馬酸二甲酯 / Dimethyl Fumarate (CAS No.: 624-49-7)	mg/kg	參考US EPA 3550C: 2007, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by GC/MS.	0.1	n. d.	---
三丁基錫 / Tributyl Tin (TBT)	mg/kg	參考ISO 17353: 2004, 以氣相層析儀 / 火焰光度偵測器檢測. / With reference to ISO 17353: 2004. Analysis was performed by GC/FPD.	0.03	n. d.	---
三苯基錫 / Triphenyl Tin (TphT)	mg/kg		0.03	n. d.	---
二丁基錫 / Dibutyl Tin (DBT)	mg/kg		0.03	n. d.	---
二辛基錫 / Dioctyl Tin (DOT)	mg/kg		0.03	n. d.	---

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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
偶氮 (AZO)					
1): 4-氨基二苯 / 4-AMINODIPHENYL (CAS No. : 92-67-1)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
2): 聯苯胺 / BENZIDINE (CAS No. : 92-87-5)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
3): 4-氯鄰甲苯胺 / 4-CHLORO-O-TOLUIDINE (CAS No. : 95-69-2)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
4): 2-萘胺 / 2-NAPHTHYLAMINE (CAS No. : 91-59-8)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
5): 鄰氨基二甲基偶氮 / O-AMINOAZOTOLUENE (CAS No. : 97-56-3)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
6): 對硝基鄰甲苯胺 / 2-AMINO-4-NITROTOLUENE (CAS No. : 99-55-8)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
7): 對氯苯胺 / P-CHLOROANILINE (CAS No. : 106-47-8)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---

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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
8): 4-甲氧基-間苯二胺 / 2,4-DIAMINOANISOLE (CAS No. : 615-05-4)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
9): 4,4'-二氨基二苯甲烷 / 4,4'-DIAMINODIPHENYLMETHANE (CAS No. : 101-77-9)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
10): 3,3'-二氯聯苯胺 / 3,3'-DICHLOROBENZIDINE (CAS No. : 91-94-1)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
11): 3,3'-二甲氧基聯苯胺 / 3,3'-DIMETHOXYBENZIDINE (CAS No. : 119-90-4)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
12): 3,3'-二甲基聯苯胺 / 3,3'-DIMETHYLBENZIDINE (CAS No. : 119-93-7)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
13): 3,3'-二甲基-4,4'-二氨基二苯甲烷 / 3,3'-DIMETHYL-4,4'-DIAMINODIPHENYLMETHANE (CAS No. : 838-88-0)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
14): 2-甲氧基-5-甲基聯苯 / P-CRESIDINE (2-METHOXY-5-METHYLANILINE) (CAS No. : 120-71-8)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
15): 4,4'-亞甲基雙(氯苯胺) / 4,4'-METHYLENE-BIS-(2-CHLOROANILINE) (CAS No. : 101-14-4)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
16): 4,4'-氧化雙苯胺 / 4,4'-OXYDIANILINE (CAS No. : 101-80-4)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
17): 4,4'-硫代雙苯胺 / 4,4'-THIODIANILINE (CAS No. : 139-65-1)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
18): 鄰甲苯胺 / O-TOLUIDINE (CAS No. : 95-53-4)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
19): 2,4-二氨基甲苯 / 2,4-TOLUYLENEDIAMINE (CAS No. : 95-80-7)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
20): 2,4,5-三甲基苯胺 / 2,4,5-TRIMETHYLANILINE (CAS No. : 137-17-7)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
21): 鄰位甲氧基苯胺 / O-ANISIDINE (CAS No. : 90-04-0)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---

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NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
22): 對氨基偶氮苯 / 4-AMINOAZOBENZENE (CAS No. : 60-09-3)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
23): 2,4-二甲基苯胺 / 2,4-XYLIDINE (CAS No. : 95-68-1)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
24): 2,6-二甲基苯胺 / 2,6-XYLIDINE (CAS No. : 87-62-7)	mg/kg	參考LFGB 82.02-2: 2013, 以氣相層析 / 質譜儀檢測. / With reference to LFGB 82.02-2: 2013. Analysis was performed by GC/MS.	3	n. d.	---
石綿 / Asbestos					
溫石綿(白石綿) / Chrysotile (CAS No. : 12001-29-5)	%	參考EPA 600/R-93/116: 1993 / 立體顯微鏡 (SM), 分散染色式偏光顯微鏡 (DS-PLM)及X光繞射光譜分析法 (XRD) / With reference to EPA 600/R-93/116: 1993. Analysis was performed by Stereo Microscope (SM), Dispersion Staining Polarized Light Microscope (DS-PLM) and X-ray Diffraction Spectrometer (XRD).	-	Negative	---
鐵石綿(褐石綿) / Amosite (CAS No. : 12172-73-5)	%		-	Negative	---
青石綿 / Crocidolite (CAS No. : 12001-28-4)	%		-	Negative	---
斜方角閃石綿 / Anthophyllite (CAS No. : 77536-67-5)	%		-	Negative	---
透閃石綿 / Tremolite (CAS No. : 77536-68-6)	%		-	Negative	---
陽起石綿 / Actinolite (CAS No. : 77536-66-4)	%		-	Negative	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
聚氯乙烯 / Polyvinyl chloride (PVC)	**	以紅外光譜分析及焰色法檢測. / Analysis was performed by FTIR and FLAME Test.	-	Negative	---
甲醛 / Formaldehyde (CAS No. : 50-00-0)	mg/kg	參考ISO 17226-1: 2018, 以高效液相層析儀/二極體陣列偵測器檢測. / With reference to ISO 17226-1: 2018. Analysis was performed by HPLC/DAD.	3	n. d.	---
氟氯碳化物 / CFCs (Chlorofluorocarbons)					
Group I					
氟氯碳化物 (Chlorofluorocarbon)-11 (CAS No. : 75-69-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析/質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-12 (CAS No. : 75-71-8)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析/質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-113 (CAS No. : 76-13-1)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析/質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-114 (CAS No. : 76-14-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析/質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-115 (CAS No. : 76-15-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析/質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
Group III					
氟氯碳化物 (Chlorofluorocarbon)-13 (CAS No. : 75-72-9)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-111 (CAS No. : 354-56-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-112 (CAS No. : 76-12-0)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-211 (CAS No. : 422-78-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-212 (CAS No. : 3182-26-1)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-213 (CAS No. : 2354-06-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-214 (CAS No. : 29255-31-0)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

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NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
氟氯碳化物 (Chlorofluorocarbon)-215 (CAS No. : 4259-43-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-216 (CAS No. : 661-97-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯碳化物 (Chlorofluorocarbon)-217 (CAS No. : 422-86-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 / HCFCs (Hydrochlorofluorocarbons)					
氟氯氫碳化物 (HCFC)-21 (CAS No. : 75- 43-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-22 (CAS No. : 75- 45-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-31 (CAS No. : 593- 70-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-121 (CAS No. : 354-14-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
氟氯氫碳化物 (HCFC)-122 (CAS No. : 354-21-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-123 (CAS No. : 306-83-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-124 (CAS No. : 2837-89-0)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-131 (CAS No. : 359-28-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-132b (CAS No. : 1649-08-7)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-133a (CAS No. : 75-88-7)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-141b (CAS No. : 1717-00-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
氟氯氫碳化物 (HCFC)-142b (CAS No. : 75-68-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-221 (CAS No. : 422-26-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-222 (CAS No. : 422-49-1)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-223 (CAS No. : 422-52-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-224 (CAS No. : 422-54-8)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-225ca (CAS No. : 422-56-0)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-225cb (CAS No. : 507-55-1)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
氟氯氫碳化物 (HCFC)-226 (CAS No. : 431-87-8)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-231 (CAS No. : 421-94-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-232 (CAS No. : 460-89-9)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-233 (CAS No. : 7125-84-0)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-234 (CAS No. : 425-94-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-235 (CAS No. : 460-92-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-241 (CAS No. : 666-27-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
氟氯氫碳化物 (HCFC)-242 (CAS No. : 460-63-9)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-243 (CAS No. : 460-69-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-244	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-251 (CAS No. : 421-41-0)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-252 (CAS No. : 819-00-1)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-253 (CAS No. : 460-35-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-261 (CAS No. : 420-97-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
氟氯氫碳化物 (HCFC)-262 (CAS No. : 421-02-03)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氟氯氫碳化物 (HCFC)-271 (CAS No. : 430-55-7)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
海龍 (Halon)					
海龍 (Halon)-1211 (CAS No. : 353-59-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
海龍 (Halon)-1301 (CAS No. : 75-63-8)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
海龍 (Halon)-2402 (CAS No. : 124-73-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
溴甲烷 / Bromomethane (CAS No. : 74-83-9)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 / HBFCs (Hydrobromofluorocarbons)					
不完全鹵化氟溴化物 (HBFC)-21B2 (CHBrF ₂) (CAS No. : 1868-53-7)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
不完全鹵化氟溴化物 (HBFC)-22B1 (CHF2Br) (CAS No. : 1511-62-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-31B1 (CH2FBr) (CAS No. : 373-52-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-121B4 (C2HFBr4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-122B3 (C2HF2Br3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-123B2 (C2HF3Br2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-124B1 (C2HF4Br)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-131B3 (C2H2FBr3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
不完全鹵化氟溴化物 (HBFC)-132B2 (C2H2F2Br2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-133B1 (C2H2F3Br)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-141B2 (C2H3FBr2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-142B1 (C2H3F2Br)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-151B1 (C2H4FBr)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-221B6 (C3HFBr6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-222B5 (C3HF2Br5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

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NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
不完全鹵化氟溴化物 (HBFC)-223B4 (C3HF3Br4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-224B3 (C3HF4Br3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-225B2 (C3HF5Br2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-226B1 (C3HF6Br)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-231B5 (C3H2FBr5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-232B4 (C3H2F2Br4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-233B3 (C3H2F3Br3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
不完全鹵化氟溴化物 (HBFC)-234B2 (C3H2F4Br2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-235B1 (C3H2F5Br)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-241B4 (C3H3FBr4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-242B3 (C3H3F2Br3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-243B2 (C3H3F3Br2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-244B1 (C3H3F4Br)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-251B3 (C3H4FBr3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
不完全鹵化氟溴化物 (HBFC)-252B2 (C3H4F2Br2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-253B1 (C3H4F3Br)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-261B2 (C3H5FBr2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-262B1 (C3H5F2Br)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
不完全鹵化氟溴化物 (HBFC)-271B1 (C3H6FBr)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 / HFCs (Hydrofluorocarbon)					
氫氟碳化物 (HFC)-23 (CHF3) (CAS No. : 75-46-7)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-32 (CH2F2) (CAS No. : 75-10-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
氫氟碳化物 (HFC)-41 (CH ₃ F) (CAS No. : 593-53-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-43-10mee (C ₅ H ₂ F ₁₀)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-125 (C ₂ H ₂ F ₅)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-134 (C ₂ H ₂ F ₄)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-134a (CH ₂ FCF ₃) (CAS No. : 811-97-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-143 (CH ₃ F ₃)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-143a (CH ₃ F ₃)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
氫氟碳化物 (HFC)-152a (C2H4F2) (CAS No. : 75-37-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-227ea (C3HF7) (CAS No. : 431-89-0)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-236fa (C3H2F6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-236ea (C3H2F6) (CAS No. : 431-63-0)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-245ca (C3H3F5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-245fa (C3H3F5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氫氟碳化物 (HFC)-365mfc (C4H5F5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
全氟碳化物 / PFCs (Perfluorocarbon)					
四氟甲烷 / F14 (CAS No. : 75-73-0)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
六氟乙烷 / Fluorocarbon 116 (CAS No. : 76-16-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
八氟丙烷 / Freon 218 (CAS No. : 76-19-7)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
十氟丁烷 / Decafluorobutane (CAS No. : 355-25-9)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
八氟環丁烷 / Freon C318 (CAS No. : 115-25-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
全氟-1-丁烯 / Perfluor-1-butene (CAS No. : 357-26-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
全氟異丁烯 / perfluorisobutene (CAS No. : 382-21-8)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
1,4-二氫八氟丁烷 / 1,4-dihydrooctafluorobutane (CAS No. : 377-36-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
2-全氟甲基丁烷 / nonafluor-2-(trifluoromethyl)butane (CAS No. : 594-91-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
全氟戊烷 / perfluoro-n-pentane (CAS No. : 678-26-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
2-全氟甲基戊烷 / 2-perfluoromethylpentane (CAS No. : 355-04-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
全氟己烷 / perfluorohexane (CAS No. : 355-42-0)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氯化碳氫化物 / CHCs (Chlorinate hydrocarbon)					
1,1,1,2-四氯乙烷 / 1,1,1,2-Tetrachloroethane (CAS No. : 630-20-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
1,1,1-三氯乙烷 / 1,1,1-Trichloroethane (CAS No. : 71-55-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

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NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
1,1,2,2-四氯乙烷 / 1,1,2,2-Tetrachloroethane (CAS No. : 79-34-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
1,1,2-三氯乙烷 / 1,1,2-Trichloroethane (CAS No. : 79-00-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
1,1-二氯乙烷 / 1,1-Dichloroethane (CAS No. : 75-34-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
1,1-二氯乙烯 / 1,1-Dichloroethene (CAS No. : 75-35-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
1,1-二氯丙烯 / 1,1-Dichloropropene (CAS No. : 563-58-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
1,2,3-三氯丙烷 / 1,2,3-Trichloropropane (CAS No. : 96-18-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
1,2-二氯乙烷 / 1,2-Dichloroethane (CAS No. : 107-06-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
1,2-二氯丙烷 / 1,2-Dichloropropane (CAS No. : 78-87-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
1,3-二氯丙烷 / 1,3-Dichloropropane (CAS No. : 142-28-9)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
2,2-二氯丙烷 / 2,2-Dichloropropane (CAS No. : 594-20-7)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
四氯甲烷 (四氯化碳) / Carbon tetrachloride (CAS No. : 56-23-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氯乙烷 / Chloroethane (CAS No. : 75- 00-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氯仿 / Chloroform (CAS No. : 67-66-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
氯甲烷 / Chloromethane (CAS No. : 74- 87-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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WALSIN TECHNOLOGY CORPORATION

桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
順-1,2-二氯乙烯 / cis-1,2-Dichloroethene (CAS No. : 156-59-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
順-1,3-二氯丙烯 / cis-1,3-Dichloropropene (CAS No. : 10061-01-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
六氯丁二烯 / Hexachlorobutadiene (CAS No. : 87-68-3)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
二氯甲烷 / Dichloromethane, Methylene chloride (CAS No. : 75-09-2)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
四氯乙烯 / Tetrachloroethene (CAS No. : 127-18-4)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
反-1,2-二氯乙烯 / trans-1,2-Dichloroethene (CAS No. : 156-60-5)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
反-1,3-二氯丙烯 / trans-1,3-Dichloropropene (CAS No. : 10061-02-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---

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NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
三氯乙烯 / Trichloroethylene (CAS No. : 79-01-6)	mg/kg	參考US EPA 5021A: 2014, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 5021A: 2014. Analysis was performed by GC/MS.	1	n. d.	---
2- (3', 5'-二叔丁基-2'-羟基苯基) 苯並三氮唑 / 2- (3,5-di-tert-butyl-2-hydroxyphenyl)-2H-benzotriazole (CAS No. : 3846-71-7)	mg/kg	參考US EPA 3540C: 1996, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 3540C: 1996. Analysis was performed by GC/MS.	5	n. d.	---
二氯化鈷 / Cobalt dichloride (CAS No. : 7646-79-9)	mg/kg	參考SGS內部方法RSTS-EE-SVHC-007, 以感應耦合電漿發射光譜儀, 離子層析儀檢測; 由氯、鈷的結果計算得之. / SGS In-House method-RSTS-EE-SVHC-007. Analysis was performed by ICP-OES, IC. Calculated from the results of Cobalt, Chlorine.	50 (▲)	n. d.	---
中鏈氯化石蠟 / Medium-Chained Chlorinated Paraffins (C14-C17) (MCCP) (CAS No. : 85535-85-9)	mg/kg	參考US EPA 3550C: 2007, 以氣相層析 / 質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by GC/MS.	100	n. d.	---
放射性物質 / Radioactive Substances	μSv/hour	蓋革計數器 (Geiger counter)	-	Negative *	---
銻 / Antimony (Sb)	mg/kg	參考US EPA 3052: 1996, 以感應耦合電漿發射光譜儀檢測. / With reference to US EPA 3052: 1996. Analysis was performed by ICP-OES.	2	n. d.	---
鈹 / Beryllium (Be)	mg/kg	參考US EPA 3052: 1996, 以感應耦合電漿發射光譜儀檢測. / With reference to US EPA 3052: 1996. Analysis was performed by ICP-OES.	2	n. d.	---

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NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
多環芳香烴 / Polycyclic Aromatic Hydrocarbons (PAHs)					
蒽 / Anthracene (CAS No. : 120-12-7)	mg/kg	參考AfPS GS 2019:01 PAK，以氣相層析/質譜儀檢測。 / With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC/MS.	0.2	n. d.	---
苯駢蒽 / Benzo[a]anthracene (CAS No. : 56-55-3)	mg/kg		0.2	n. d.	---
苯駢(a)芘 / Benzo[a]pyrene (CAS No. : 50-32-8)	mg/kg		0.2	n. d.	---
苯(b)苯駢芴 / Benzo[b]fluoranthene (CAS No. : 205-99-2)	mg/kg		0.2	n. d.	---
苯駢芘 / Benzo[g,h,i]perylene (CAS No. : 191-24-2)	mg/kg		0.2	n. d.	---
苯駢(k)螢蒽 / Benzo[k]fluoranthene (CAS No. : 207-08-9)	mg/kg		0.2	n. d.	---
Chrysene (CAS No. : 218-01-9)	mg/kg		0.2	n. d.	---
二苯駢蒽 / Dibenzo[a,h]anthracene (CAS No. : 53-70-3)	mg/kg		0.2	n. d.	---
苯駢芴 / Fluoranthene (CAS No. : 206-44-0)	mg/kg		0.2	n. d.	---
茚酮芘 / Indeno[1,2,3-c,d] pyrene (CAS No. : 193-39-5)	mg/kg		0.2	n. d.	---
萘 / Naphthalene (CAS No. : 91-20-3)	mg/kg		0.2	n. d.	---
菲 / Phenanthrene (CAS No. : 85-01-8)	mg/kg		0.2	n. d.	---
芘 / Pyrene (CAS No. : 129-00-0)	mg/kg		0.2	n. d.	---
苯(j)苯駢芴 / Benzo[j]fluoranthene (CAS No. : 205-82-3)	mg/kg		0.2	n. d.	---
苯駢(e)芘 / Benzo[e]pyrene (CAS No. : 192-97-2)	mg/kg		0.2	n. d.	---
多環芳香烴15項總和 / Sum of 15 PAHs	mg/kg		-	n. d.	---

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NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	
				No. 1	No. 2
紅磷 / Red phosphorus	**	以熱裂解-氣相層析/質譜儀分析。 / Analysis was performed by Pyrolyzer-GC/MS.	-	---	Negative

備註(Note):

1. mg/kg = ppm; 0.1wt% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n. d. = Not Detected (未檢出)
4. "-" = Not Regulated (無規格值)
5. "---" = Not Conducted (未測項目)
6. **= Qualitative analysis (No Unit) 定性分析(無單位)
7. Negative = Undetectable 陰性(未偵測到); Positive = Detectable 陽性(已偵測到)
8. 石綿定性分析試驗範圍: <0.1%~100%, 石綿鑑定的判定基準是以檢出含有石綿纖維為『Positive』, 未檢出石綿纖維為『Negative』。 / Testing range of asbestos qualitative analysis is from less than 0.1% to 100%. The judgment criterion: asbestos fibers being found is shown as "Positive"; asbestos fibers not being found is shown as "Negative".
9. (◆):
若鉻含量小於六價鉻之方法偵測極限值, 則六價鉻為n. d., 不須再測試六價鉻。
The result of Cr(VI) is "n. d." as the result of Chromium (Cr) is less than the MDL of Cr(VI), and confirmation test of Cr(VI) is not required.
若鉻含量未小於六價鉻之方法偵測極限值, 需進行六價鉻測試。
If the Chromium (Cr) content is not less than the MDL of Cr(VI), confirmation test of Cr(VI) is required.
10. 全氟辛烷磺酸及其鹽類包含 / PFOS and its salts including :
CAS No. : 29081-56-9, 2795-39-3, 29457-72-5, 70225-14-8, 56773-42-3, 251099-16-8, 307-35-7.
11. 全氟辛酸及其鹽類包含 / PFOA and its salts including :
CAS No. : 3825-26-1, 335-95-5, 2395-00-8, 335-93-3, 335-66-0.

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12. (▲) : MDL是針對元素/測試化合物之評估. / The MDL was evaluated for element / tested substance.

換算公式 (Conversion Formula) : $AX = A \times F$

AX	A	F
二氯化鈷 / Cobalt dichloride	鈷 / Cobalt	2.2031
	氯 / Chlorine	1.8312

參數換算表 / Parameter Conversion Table : https://twap.sgs.com/sgsrsts/chn/download-REACH_tw.asp

13. Negative*/Positive*: 蓋革計數器偵測放射性物質的檢測結果係利用檢測值與環境背景值相比較的結果，一般天然環境下都存在微量的輻射劑量(一般環境背景的輻射劑量約小於等於0.2μSv/hr)。如果檢測值低於環境背景值時，表示正常或無異常(Negative*)；相反地，檢測值高於環境背景值時，表示異常(Positive*)。

(The test result of Geiger counter is from comparison between test outcome and environment background. In general, there is little radiation dose existing in environment. (Radiation dose from environment background usually less than or equal to 0.2μSv/hr)

The test result less than environment background was shown as Negative*; the result greater than environment background was shown as Positive*.)

14. For No.1: 樣品的測試是基於申請人要求混合測試，報告中的混合測試結果不代表其中個別單一材質的含量。(The samples was/were analyzed on behalf of the applicant as mixing sample in one testing. The above results was/were only given as the informality value.)

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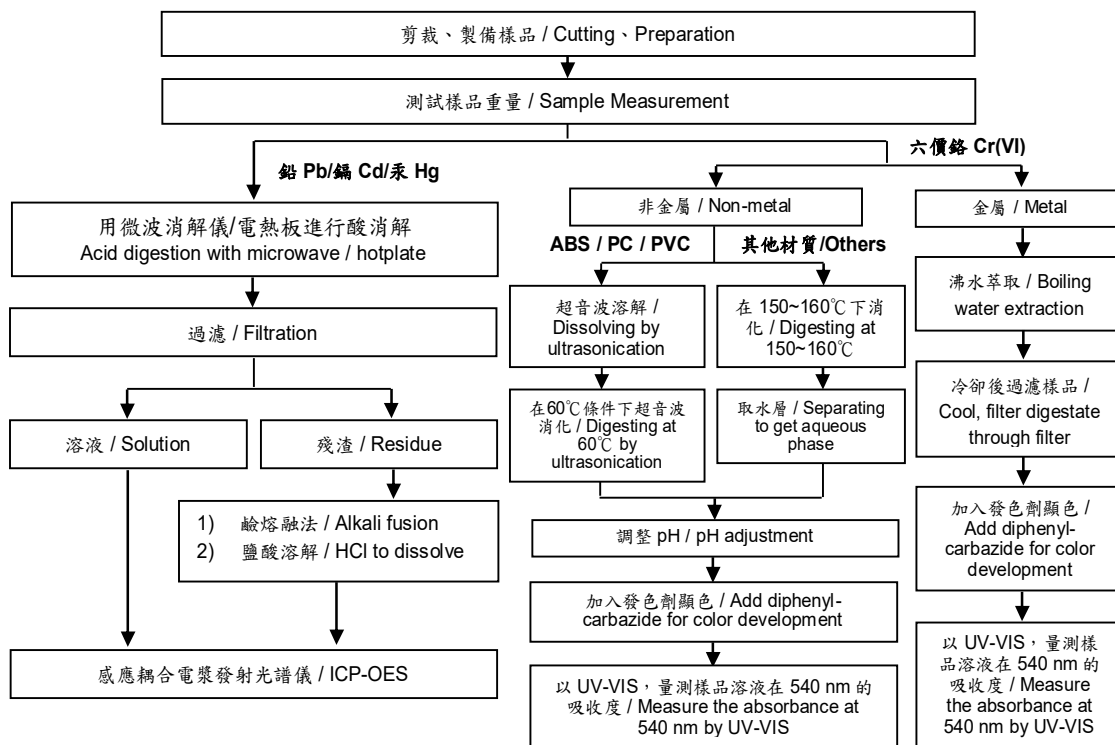
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NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

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. (Cr⁶⁺ test method excluded)



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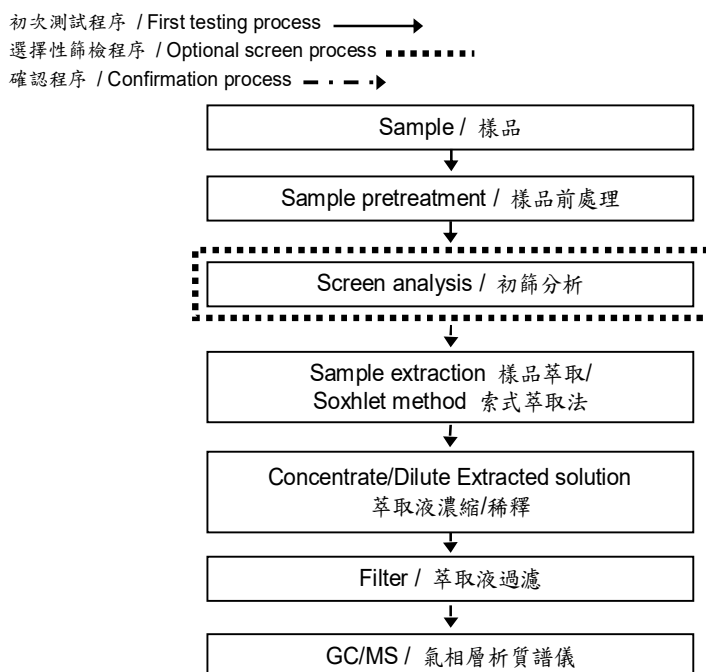
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多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBB/PBDE



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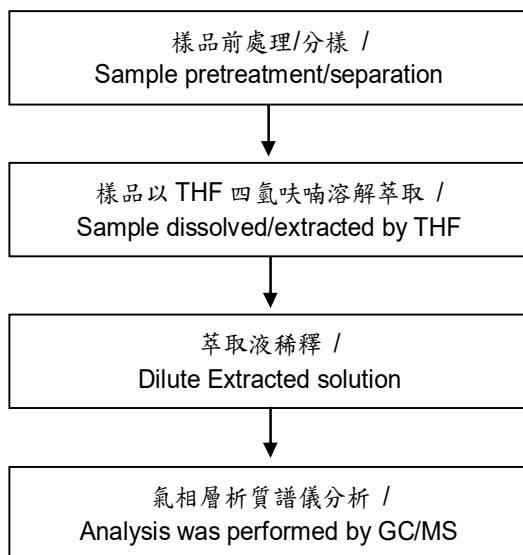
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可塑劑分析流程圖 / Analytical flow chart - Phthalate

【測試方法/Test method: IEC 62321-8】



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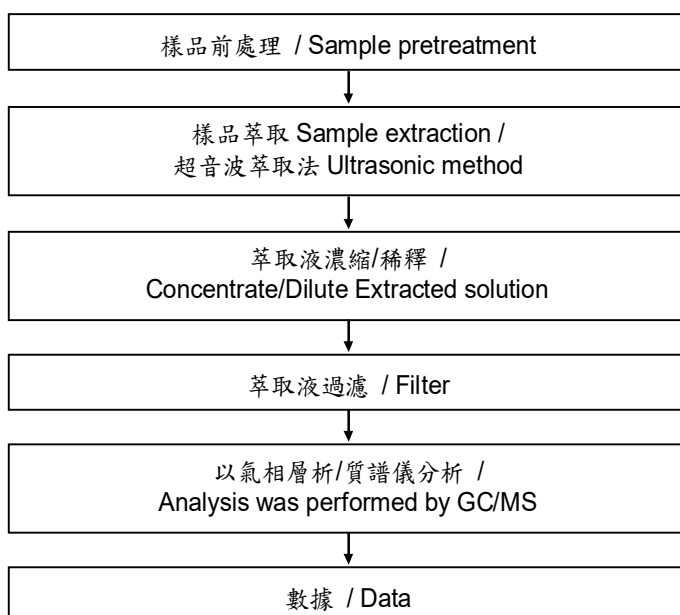
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NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

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



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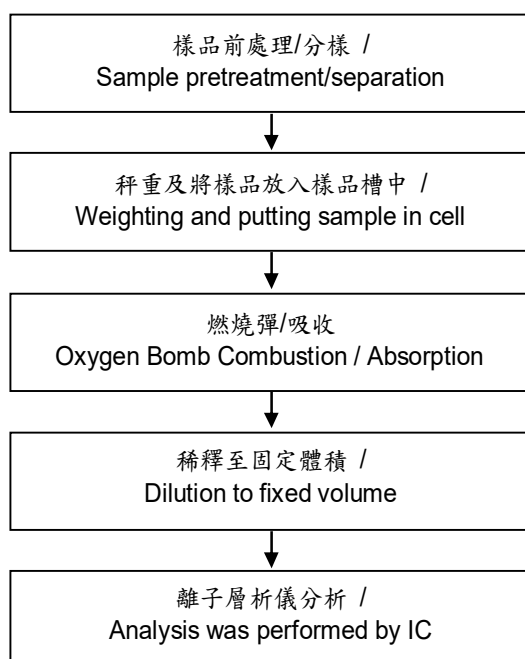
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鹵素分析流程圖 / Analytical flow chart - Halogen



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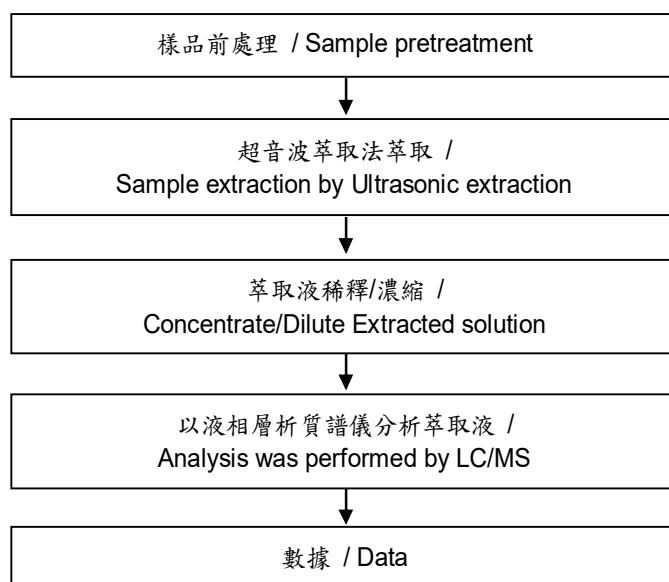
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全氟辛酸/全氟辛烷磺酸分析流程圖 / Analytical flow chart - PFOA/PFOS



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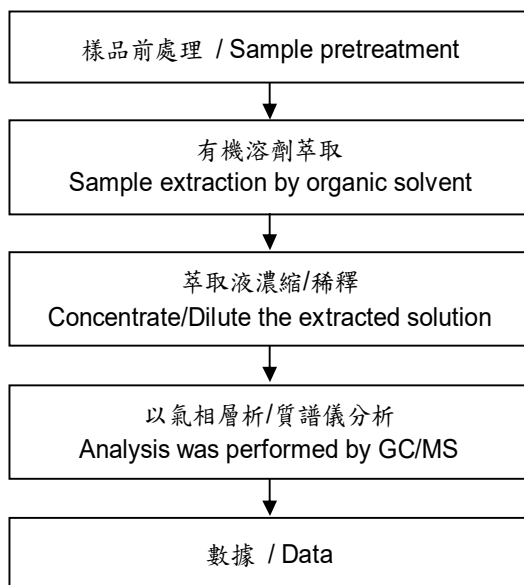
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分析流程圖 / Analytical flow chart

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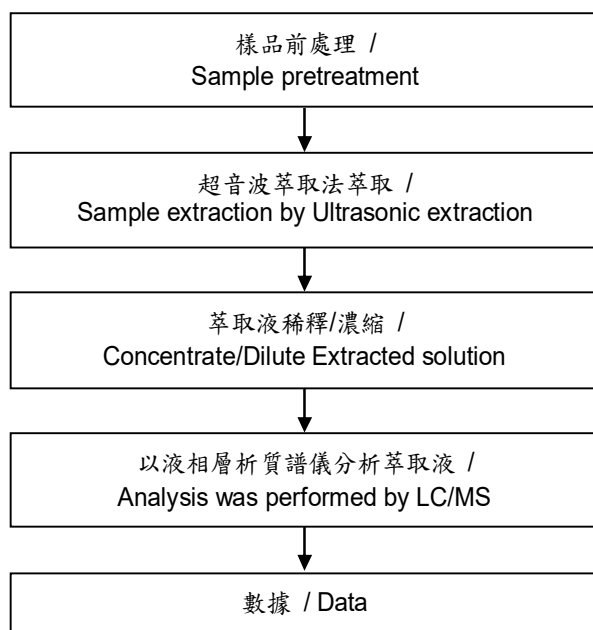
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四溴雙酚-A 分析流程圖 / Analytical flow chart - TBBP-A



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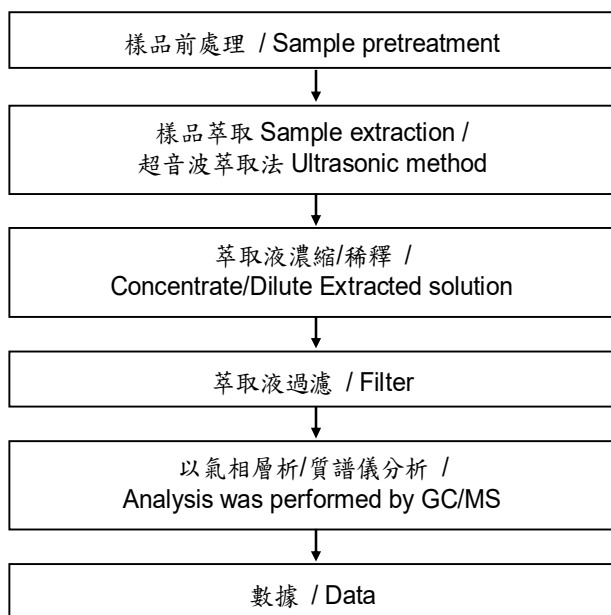
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富馬酸二甲酯分析流程圖 / Analytical flow chart - Dimethyl Fumarate



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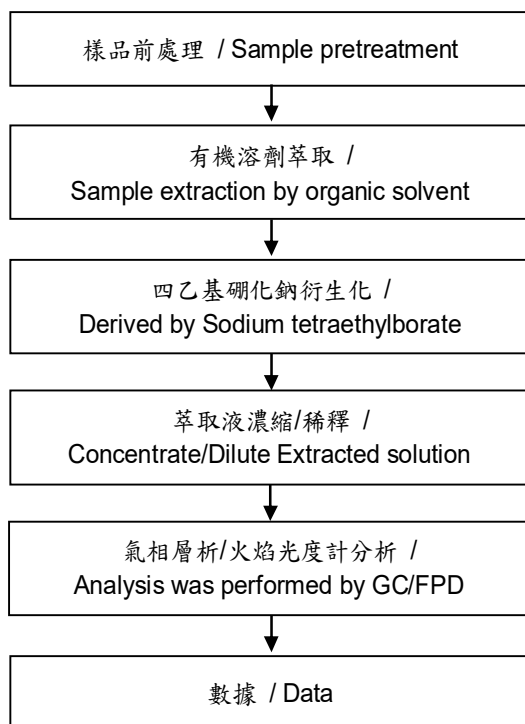
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有機錫分析流程圖 / Analytical flow chart - Organic-Tin



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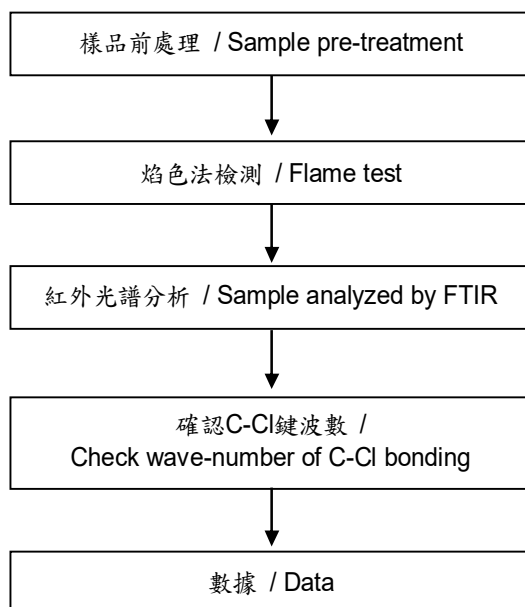
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聚氯乙烯物質判定分析流程圖 / Analysis flow chart - PVC



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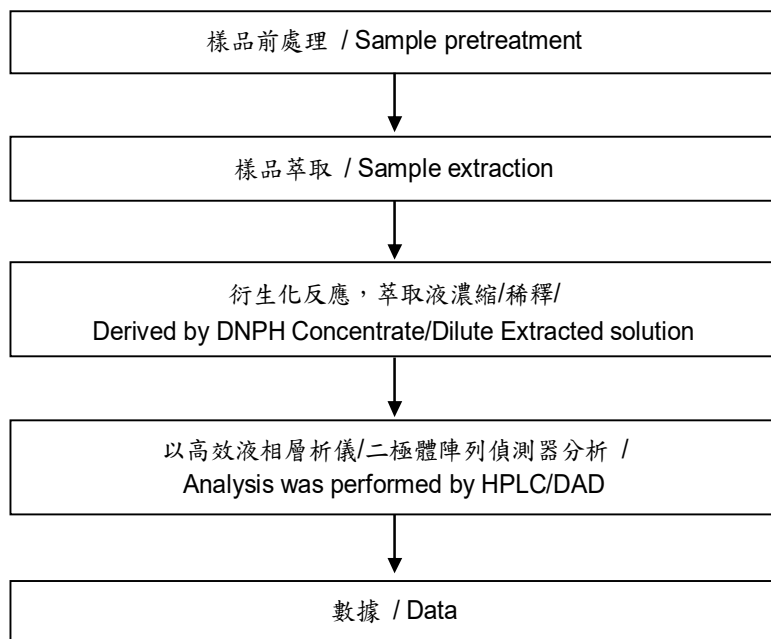
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甲醛分析流程圖 / Analytical flow chart - Formaldehyde



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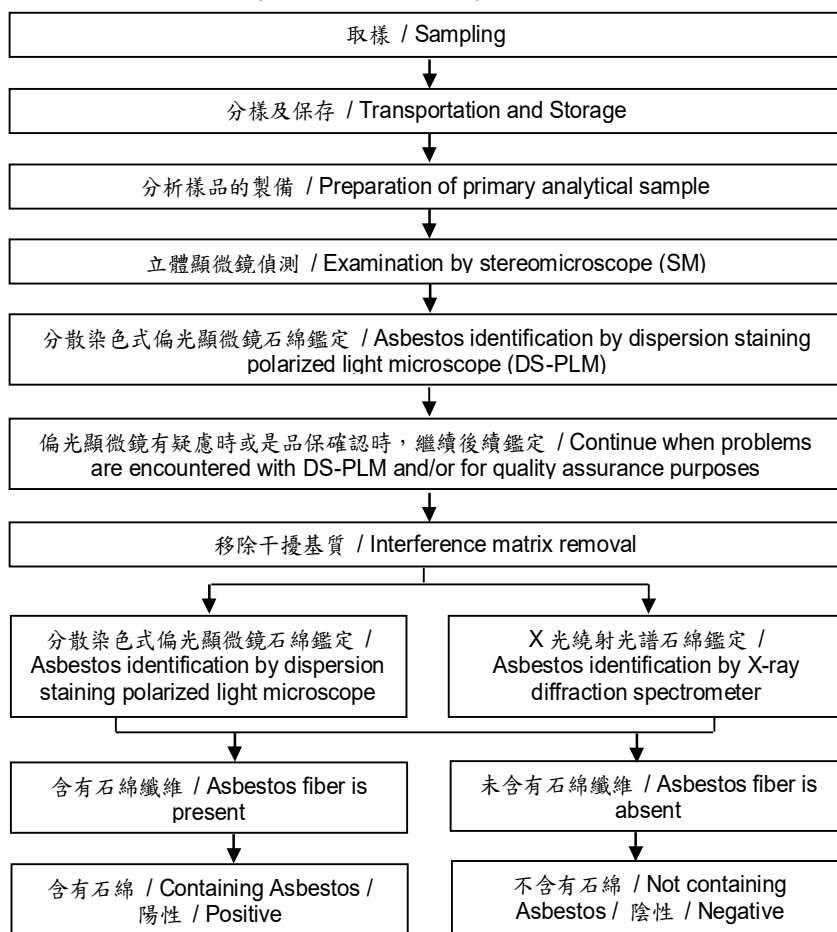
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石綿鑑定分析流程圖 / Analysis flow chart for determination of Asbestos

【參考方法(Reference method): EPA 600/R-93/116】



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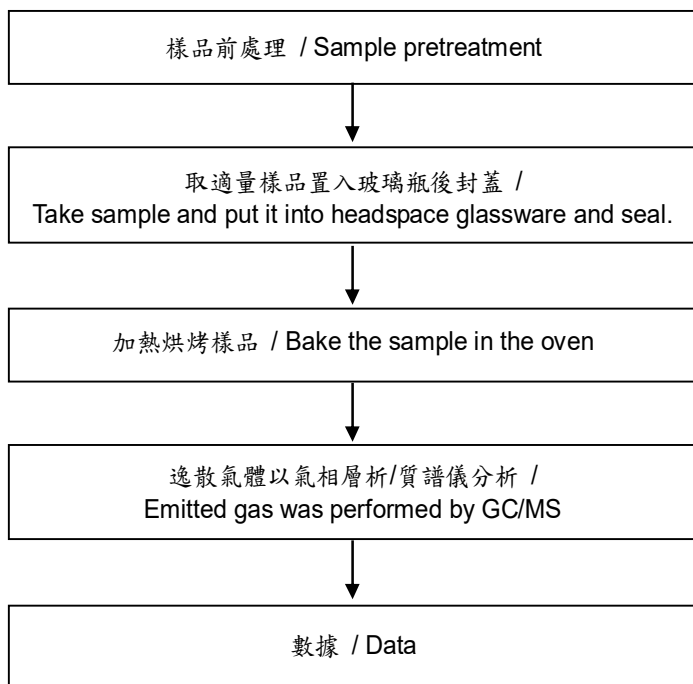
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揮發性有機化合物分析流程圖 / Analytical flow chart - volatile organic compounds (VOCs)

【參考方法(Reference method) : US EPA 5021, 5021A】



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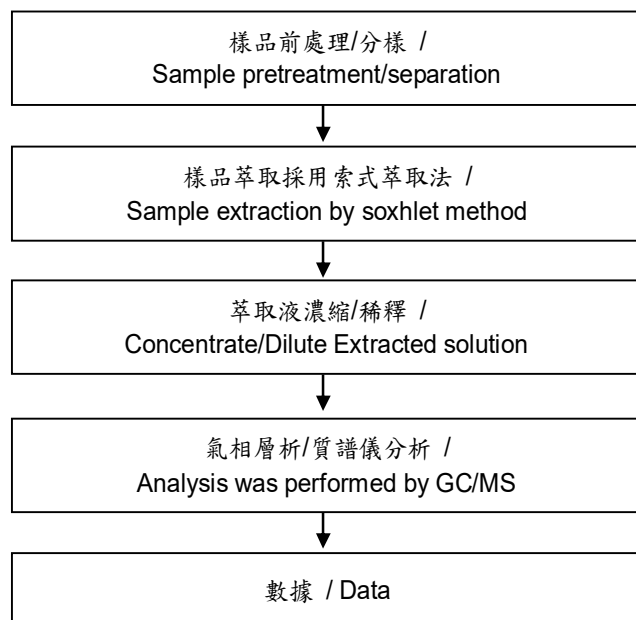
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苯並三唑類化合物分析流程圖 / Analytical flow chart - Benzotriazole



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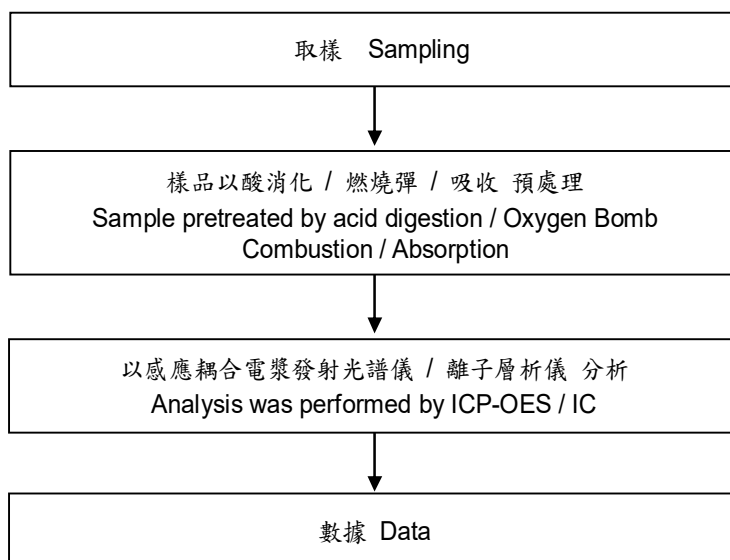
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二氯化鈷分析流程圖 / Analytical flow chart - Cobalt dichloride



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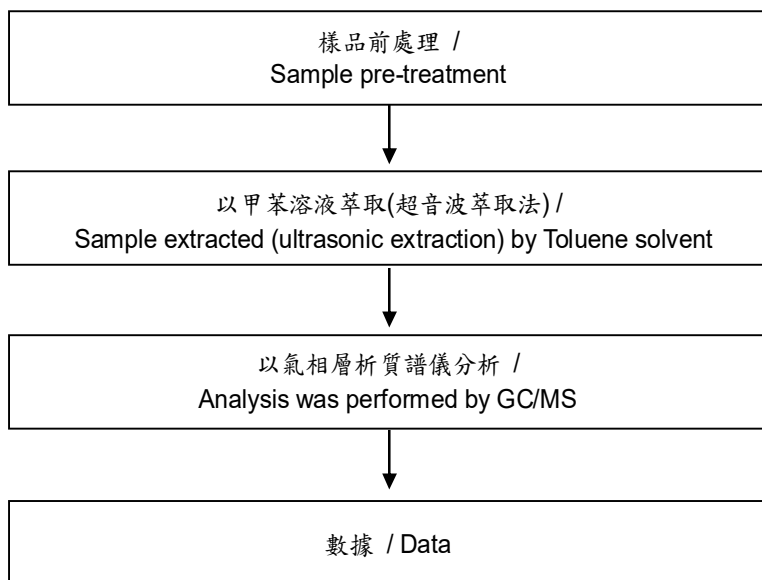
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多環芳香烴分析流程圖 /

Analytical flow chart - PAHs (Polycyclic Aromatic Hydrocarbons)



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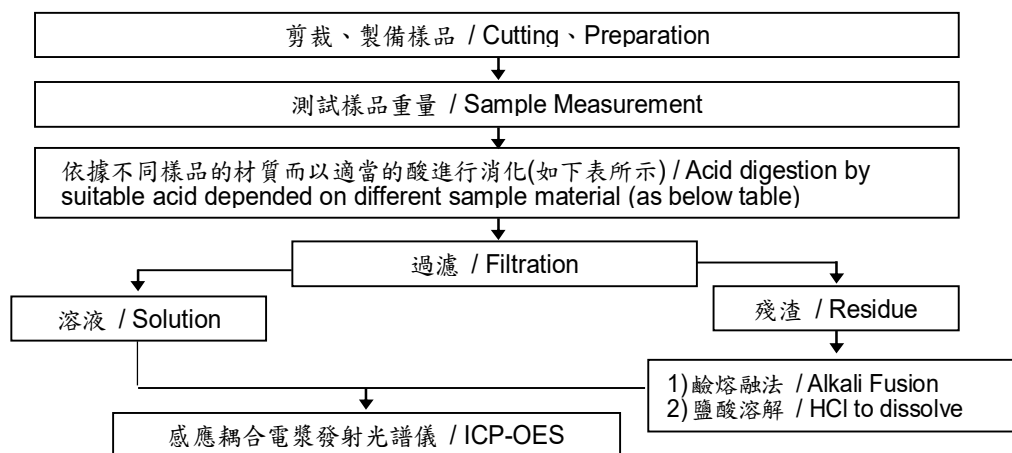
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元素以 ICP-OES 分析的消化流程圖
(Flow Chart of digestion for the elements analysis performed by ICP-OES)

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, HNO ₃ , HCl, HF, H ₂ O ₂
玻璃 / Glass	硝酸,氫氟酸 / HNO ₃ /HF
金,鉑,鈀,陶瓷 / Gold, platinum, palladium, ceramic	王水 / Aqua regia
銀 / Silver	硝酸 / HNO ₃
塑膠 / Plastic	硫酸,雙氧水,硝酸,鹽酸 / H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
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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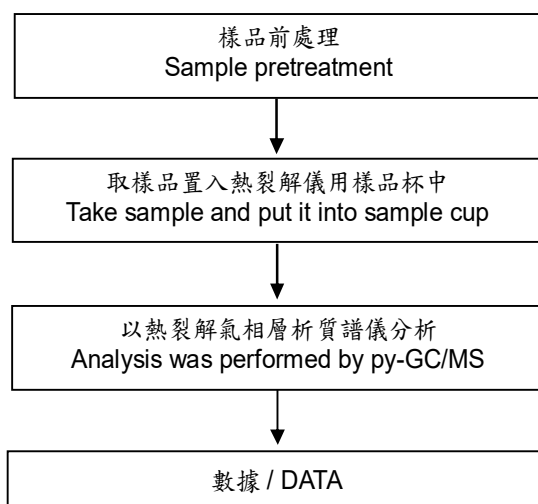
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紅磷分析流程 / Analytical flow chart - Red phosphorus



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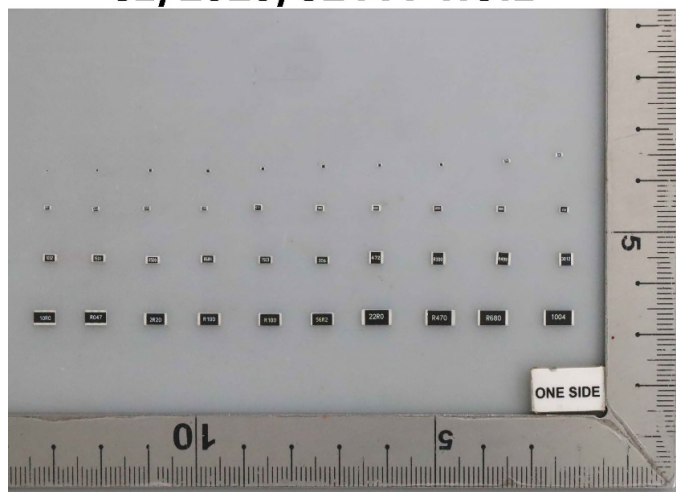
桃園市楊梅區高獅路566-1號

NO. 566-1, KAO-SHI ROAD, YANG-MEI, TAO YUAN 32642, TAIWAN, R. O. C.

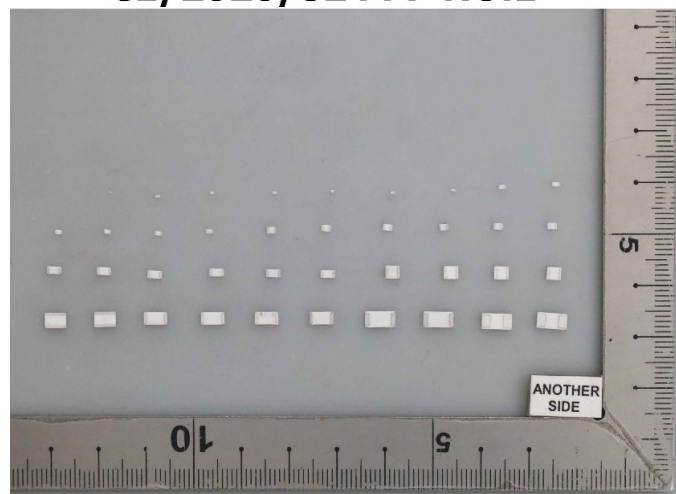
* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*

(The tested sample / part is marked by an arrow if it's shown on the photo.)

CE/2020/82444 NO.1



CE/2020/82444 NO.1



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測試報告

Test Report

號碼(No.) : CE/2020/82444

日期(Date) : 2020/08/24

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華新科技股份有限公司

WALSIN TECHNOLOGY CORPORATION

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CE/2020/82444 NO.2



** 報告結尾 (End of Report) **

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