

Test Report

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陸昌化工股份有限公司 (PAN-CONTINENTAL CHEMICAL CO., LTD.) 台中市大甲區幼獅工業區青年路159號 (NO. 159, CHINGNIAN RD., TACHIA (437), TAICHUNG CITY, 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 the applicant as):

送樣廠商(Sample Submitted By) : 陸昌化工股份有限公司 (PAN-CONTINENTAL CHEMICAL CO., LTD.)

樣品名稱(Sample Name) : COPPER OXIDE (氧化銅)

樣品型號(Style/Item No.): 42101樣品編碼(Sample No.): C24019-1顏色(Color): 黑色 (BLACK)

收件日(Sample Receiving Date)

: 22-Oct-2024

測試期間(Testing Period)

: 22-Oct-2024 to 30-Oct-2024

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 鎘、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) 依據客戶要求·評估所選樣品中特定PFAS的風險。被評估的PFAS總項目數量為477 項·包括145項檢測項和332項列表項 (see PFAS Remark)。 (As requested by the client, the risk of specific PFAS in the selected sample is evaluated. The total amounts of evaluated PFAS are 477 items, concluding 145 tested items and 332 listed items (see PFAS Remark).)
- (3) 依據客戶指定‧測試 PAHs 及其他測項。 (As specified by client, to test PAHs and other item(s).)

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

結 論(Conclusion) : 請參閱下一頁 (Please refer to following pages.)

Troy Chang / Department Makager
Signed for and on behalf of Alwah
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: 9FB4FC0



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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, 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.)
- (3) 根據客戶所提供的樣品,多環芳香烴測試結果符合德國產品安全委員會(AfPS) GS PAHs第 3 類「其它產品」之限值要求。(Based upon the performed tests on the submitted sample(s), the test results of PAHs (15 items) comply with the limits of PAHs requirement (Category 3)「Other consumer products」 as set by German Committee on Product Safety (AfPS) GS PAHs.)



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測試部位敘述 (Test Part Description)

No.1 : 黑色粉末 (BLACK POWDER)

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.)				
鉛 (Pb) (Lead (Pb))	參考IEC 62321-5: 2013,以感應耦合電漿	mg/kg	2	n.d.	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.)				
六價鉻 Cr(VI) (Hexavalent Chromium	參考IEC 62321-7-2: 2017,以紫外光-可見	mg/kg	8	n.d.	1000
Cr(VI))	光分光光度計分析。(With reference to				
	IEC 62321-7-2: 2017, analysis was				
	performed by UV-VIS.)				
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)	 參考IEC 62321-6: 2015 · 以氣相層析儀/質	mg/kg	5	n.d.	-
五溴聯苯 (Pentabromobiphenyl)	一部儀分析。(With reference to IEC 62321-	mg/kg	5	n.d.	-
六溴聯苯 (Hexabromobiphenyl)	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)	(SC) (VIS.)	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	ı	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)] 参考IEC 62321-6: 2015·以氣相層析儀/質	mg/kg	5	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)	参与IEC 02321-0. 2013,以無怕層が 職/員 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/1013.)	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))					
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-		mg/kg	50	n.d.	1000
(2-ethylhexyl) phthalate (DEHP))					
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl		mg/kg	50	n.d.	1000
phthalate (DIBP))					
鄰苯二甲酸二異癸酯 (DIDP) (Diisodecyl	參考IEC 62321-8: 2017,以氣相層析儀/質	mg/kg	50	n.d.	-
phthalate (DIDP)) (CAS No.: 26761-40-0,	譜儀分析。(With reference to IEC 62321-				
68515-49-1)	8: 2017, analysis was performed by				
鄰苯二甲酸二異壬酯 (DINP) (Diisononyl	GC/MS.)	mg/kg	50	n.d.	-
phthalate (DINP)) (CAS No.: 28553-12-0,		3 3			
68515-48-0)					
鄰苯二甲酸二正辛酯 (DNOP) (Di-n-octyl		mg/kg	50	n.d.	-
phthalate (DNOP)) (CAS No.: 117-84-0)		J. J			
鄰苯二甲酸二異戊酯 (DIPP) (Diisopentyl		mg/kg	50	n.d.	-
phthalate (DIPP)) (CAS No.: 605-50-5)					
鄰苯二甲酸二正己酯 (DNHP) (Di-n-hexyl		mg/kg	50	n.d.	-
phthalate (DNHP)) (CAS No.: 84-75-3)					



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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	
鄰苯二甲酸雙(2-甲氧基乙基)酯 (DMEP)		mg/kg	50	n.d.	-
(Bis(2-methoxyethyl) phthalate (DMEP))					
(CAS No.: 117-82-8)	┃ ●參考IEC 62321-8: 2017,以氣相層析儀/質				
鄰苯二甲酸二(支鏈及直鏈戊基)酯 (DPP)	iii 儀分析。(With reference to IEC 62321-	mg/kg	50	n.d.	-
(1,2-Benzenedicarboxylic acid,	8: 2017, analysis was performed by				
dipentylester, branched and linear (DPP))	GC/MS.)				
(CAS No.: 84777-06-0)	G C / 1113.)				
鄰苯二甲酸二正戊酯 (DNPP) (Di-n-pentyl		mg/kg	50	n.d.	-
phthalate (DNPP)) (CAS No.: 131-18-0)					
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.)				
四溴雙酚-A (TBBP-A)	參考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.)				
氟 (F) (Fluorine (F)) (CAS No.: 14762-94-		mg/kg	50	n.d.	-
8)					
氯 (Cl) (Chlorine (Cl)) (CAS No.: 22537-	參考BS EN 14582: 2016,以離子層析儀分	mg/kg	50	n.d.	-
15-1)	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)					
碘 (I) (lodine (I)) (CAS No.: 14362-44-8)		mg/kg	50	n.d.	-
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.)				
多氯三聯苯 (PCTs) (Polychlorinated	參考US EPA 3550C: 2007,以氣相層析儀/	mg/kg	0.5	n.d.	-
terphenyls (PCTs))	質譜儀分析。(With reference to US EPA				
	3550C: 2007, analysis was performed by				
	GC/MS.)				



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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	
多氯奈 (PCNs) (Polychlorinated	參考US EPA 3550C: 2007 · 以氣相層析儀/	mg/kg	5	n.d.	-
naphthalene (PCNs))	質譜儀分析。(With reference to US EPA				
	3550C: 2007, analysis was performed by				
	GC/MS.)				
短鏈氯化石蠟(C10-C13) (SCCP) (Short	參考ISO 18219-1: 2021,以氣相層析儀/	mg/kg	50	n.d.	-
Chain Chlorinated Paraffins(C10-C13)	質譜儀分析。(With reference to ISO				
(SCCP)) (CAS No.: 85535-84-8)	18219-1: 2021, analysis was performed				
	by GC/MS.)				
六溴環十二烷及所有主要被辨別出的異構	參考IEC 62321: 2008·以氣相層析儀/質譜	mg/kg	5	n.d.	-
物(HBCDD) (α- HBCDD, β- HBCDD, γ-	儀分析。(With reference to IEC 62321:				
HBCDD) (Hexabromocyclododecane (HBCDD) and all major	2008, analysis was performed by GC/MS.)				
diastereoisomers identified (α - HBCDD,	GC/IVI3.)				
β- HBCDD, y- HBCDD)) (CAS No.:					
25637-99-4, 3194-55-6 (134237-51-7,					
134237-50-6, 134237-52-8))					
四溴雙酚-A-雙 (TBBP-A-bis) (CAS No.:	参考US EPA 3550C: 2007・以氣相層析儀/	mg/kg	5	n.d.	-
21850-44-2)	質譜儀分析。(With reference to US EPA	3. 3			
	3550C: 2007, analysis was performed by				
	GC/MS.)				
富馬酸二甲酯 (DMFu) (Dimethyl	參考US EPA 3550C: 2007·以氣相層析儀/	mg/kg	0.1	n.d.	-
fumarate (DMFu)) (CAS No.: 624-49-7)	質譜儀分析。(With reference to US EPA				
	3550C: 2007, analysis was performed by				
	GC/MS.)				
三丁基錫 (TBT) (Tributyl tin (TBT))	參考ISO 17353: 2004 · 以氣相層析儀/火	mg/kg	0.03	n.d.	-
三苯基錫 (TPT) (Triphenyl tin (TPT))	焰光度偵測器分析。(With reference to	mg/kg	0.03	n.d.	-
二丁基錫 (DBT) (Dibutyl tin (DBT))	ISO 17353: 2004, analysis was	mg/kg	0.03	n.d.	-
二辛基錫 (DOT) (Dioctyl tin (DOT))	performed by GC/FPD.)	mg/kg	0.03	n.d.	-
氧化雙三丁基錫 (TBTO) (Bis(tributyltin)	由三丁基錫測試結果計算得之。	mg/kg	0.03 ▲	n.d.	-
oxide (TBTO)) (CAS No.: 56-35-9)	(Calculated from the result of Tributyl				
	Tin (TBT).)				



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



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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)
石綿 (Asbestos)					
陽起石綿 (Actinolite) (CAS No.: 77536-66-4)		-	-	Negative	-
褐石綿/鐵石綿 (Amosite) (CAS No.: 12172-73-5)	参考EPA 600/R-93/116: 1993 · 以立體顯微鏡(SM)與分散染色式偏光顯微鏡(DS-	-	-	Negative	-
斜方角閃石綿 (Anthophyllite) (CAS No.: 77536-67-5)	PLM)及X光繞射光譜分析法(XRD)分析。 (With reference to EPA 600/R-93/116: 1993, analysis was performed by Stereo	-	-	Negative	-
白石綿/溫石綿 (Chrysotile) (CAS No.: 12001-29-5)	Microscope (SM), Dispersion Staining Polarized Light Microscope (DS-PLM)	-	-	Negative	-
青石綿 (Crocidolite) (CAS No.: 12001- 28-4)	and X-ray Diffraction Spectrometer (XRD).)	-	-	Negative	-
透閃石綿 (Tremolite) (CAS No.: 77536-68-6)		-	-	Negative	-
偶氮染料 (AZO Dyes)					
4-氨基二苯 (4-aminobiphenyl) (CAS No.: 92-67-1)	参考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
聯苯胺 (Benzidine) (CAS No.: 92-87-5)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
4-氯鄰甲苯胺 (4-chloro-o-toluidine) (CAS No.: 95-69-2)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-



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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)	限值 (Limit)
,	,	, ,		No.1	
2-萘胺 (2-naphthylamine) (CAS No.: 91-59-8)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
鄰-胺基偶氮甲苯 (o-aminoazotoluene) (CAS No.: 97-56-3)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
2-胺基-4-硝基甲苯 (5-nitro-o-toluidine) (CAS No.: 99-55-8)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
4-氯苯胺 (4-chloroaniline) (CAS No.: 106-47-8)	參考EN ISO 14362-1: 2017 · 以氣相層析 質譜儀及高效液相層析儀/二極體陣列偵測 器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
2,4-二氨基苯甲醚 (2,4-diaminoanisole) (CAS No.: 615-05-4)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
4,4'-二胺基二苯甲烷 (4,4'- diaminodiphenylmethane (MDA)) (CAS No.: 101-77-9)	參考EN ISO 14362-1: 2017·以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-



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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)
3,3'-二氯聯苯胺 (3,3'-dichlorobenzidine) (CAS No.: 91-94-1)	質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
3,3'-二甲氧基聯苯胺 (3,3'-dimethoxybenzidine) (CAS No.: 119-90-4)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	З	n.d.	-
3,3'-二甲基聯苯胺 (3,3'-dimethylbenzidine) (CAS No.: 119-93-7)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
3,3'-二甲基-4,4'-二胺基二苯甲烷 (3,3'-dimethyl-4,4'-diaminodiphenylmethane) (CAS No.: 838-88-0)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
2-甲氧基-5-甲基苯胺 (2-methoxy-5-methylaniline) (CAS No.: 120-71-8)	參考EN ISO 14362-1: 2017·以氣相層析 質譜儀及高效液相層析儀/二極體陣列偵測 器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
4,4'-亞甲雙(2-氯苯胺) (4,4'-methylene- bis-(2-chloroaniline)) (CAS No.: 101-14- 4)	參考EN ISO 14362-1: 2017,以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-



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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)	限值 (Limit)
(rest items)	(Wethod)	(Onit)		No.1	(Lillie)
4,4'-二胺基二苯醚 (4,4'-oxydianiline) (CAS No.: 101-80-4)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
4,4'-硫二苯胺 (4,4'-thiodianiline) (CAS No.: 139-65-1)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
鄰-甲苯胺 (o-toluidine) (CAS No.: 95-53-4)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
2,4-甲苯二胺 (2,4-diaminotoluene) (CAS No.: 95-80-7)	參考EN ISO 14362-1: 2017 · 以氣相層析 質譜儀及高效液相層析儀/二極體陣列偵測 器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
2,4,5-三甲苯胺 (2,4,5-trimethylaniline) (CAS No.: 137-17-7)	參考EN ISO 14362-1: 2017 · 以氣相層析 質譜儀及高效液相層析儀/二極體陣列偵測 器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
鄰-甲氧基苯胺 (o-anisidine) (CAS No.: 90-04-0)	參考EN ISO 14362-1: 2017‧以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-



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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)
4-苯基偶氮基苯胺 (4-aminoazobenzene) (CAS No.: 60-09-3)	參考EN ISO 14362-1: 2017 or/and EN ISO 14362-3: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。 (With reference to EN ISO 14362-1: 2017 or/and EN ISO 14362-3: 2017, analysis was performed by GC/MS & HPLC/DAD.)	mg/kg	3	n.d.	-
2,4-二甲基苯胺 (2,4-xylidine) (CAS No.: 95-68-1)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
2,6-二甲基苯胺 (2,6-xylidine) (CAS No.: 87-62-7)	參考EN ISO 14362-1: 2017 · 以氣相層析質譜儀及高效液相層析儀/二極體陣列偵測器分析。(With reference to EN ISO 14362-1: 2017, analysis was performed by GC/MS and HPLC/DAD.)	mg/kg	3	n.d.	-
聚氯乙烯 (Polyvinyl chloride) (PVC)	參考ASTM E1252: 2021 · 以傅立葉轉換紅外線光譜儀及焰色法分析。(With reference to ASTM E1252: 2021, analysis was performed by FT-IR and Flame Test.)	**	-	Negative	-
雙酚A (Bisphenol A) (CAS No.: 80-05-7)	參考RSTS-CHEM-239-1.以液相層析串聯質譜儀分析。(With reference to RSTS-CHEM-239-1, analysis was performed by LC/MS/MS.)	mg/kg	1	n.d.	-
甲醛 (Formaldehyde) (CAS No.: 50-00-0)	參考ISO 17226-1: 2021·以液相層析儀/ 二極體陣列偵測器分析。(With reference to ISO 17226-1: 2021, analysis was performed by LC/DAD.)	mg/kg	3	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	
過氯酸鹽 (Perchlorate) (CAS No.: 14797-	以離子層析儀分析。(Analysis was	μg/g	0.1	n.d.	-
73-0)	performed by IC.)				
全氟/多氟烷基物質 (PFAS)					
PFHxA及其鹽類 (PFHxA and its salts)					
全氟已酸及其鹽類 (PFHxA and its salts)	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	=
(Perfluorohexane acid and its salts	聯質譜儀分析。(With reference to				
(PFHxA and its salts)) (CAS No.: 307-24-	CEN/TS 15968: 2010, analysis was				
4 and its salts)	performed by LC/MS/MS.)				
PFHxA相關化合物 (PFHxA related					
compounds)					
1H,1H,2H,2H-全氟-1-辛醇 (6:2 FTOH)	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
(1H,1H,2H,2H-Perfluoro-1-octanol	譜儀及液相層析串聯質譜儀分析。(With				
(6:2FTOH)) (CAS No.: 647-42-7)	reference to CEN/TS 15968: 2010,				
	analysis was performed by GC/MS and				
	LC/MS/MS.)				
1H,1H,2H,2H-全氟辛基丙烯酸酯 (6:2	參考CEN/TS 15968: 2010,以氣相層析質	mg/kg	0.1	n.d.	-
FTA) (1H,1H,2H,2H-	譜儀分析。(With reference to CEN/TS				
Perfluorooctylacrylate (6:2FTA)) (CAS	15968: 2010, analysis was performed by				
No.: 17527-29-6)	GC/MS.)				
· · · · · · · · · · · · · · · · · · ·	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
FTMAC) (1H,1H,2H,2H-Perfluorooctyl	譜儀分析。(With reference to CEN/TS				
methacrylate (6:2 FTMAC)) (CAS No.:	15968: 2010, analysis was performed by				
2144-53-8)	GC/MS.)				
1H,1H,2H,2H-全氟辛磺酸及其鹽類 (6:2	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	=
FTS and its salts) (1H,1H,2H,2H-	聯質譜儀分析。(With reference to				
Perfluorooctanesulphonic acid and its	CEN/TS 15968: 2010, analysis was				
salts (6:2 FTS and its salts)) (CAS No.:	performed by LC/MS/MS.)				
27619-97-2 and its salts)					
1-碘-1H,1H,2H,2H-全氟辛烷 (6:2 FTI)	參考CEN/TS 15968: 2010,以氣相層析質	mg/kg	0.1	n.d.	-
(1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-	譜儀分析。(With reference to CEN/TS				
8-iodooctane (6:2 FTI)) (CAS No.: 2043-	15968: 2010, analysis was performed by				
57-4)	GC/MS.)				



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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)	限值 (Limit)
(rest items)	(Wethou)	(Onit)		No.1	(Lillie)
全氟己基碘 (PFHxI) (Perfluorohexyl	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.2	n.d.	-
iodide (PFHxI)) (CAS No.: 355-43-1)	譜儀分析。(With reference to CEN/TS				
	15968: 2010, analysis was performed by				
	GC/MS.)				
全氟己基乙烯 (PFHxE) (Perfluorohexyl	參考CEN/TS 15968: 2010,以氣相層析質	mg/kg	1	n.d.	-
ethylene (PFHxE)) (CAS No.: 25291-17-	譜儀分析。(With reference to CEN/TS				
2)	15968: 2010, analysis was performed by				
	GC/MS.)				
PFHxS及其鹽類 (PFHxS and its salts)					
全氟己基磺酸及其鹽類 (PFHxS and its	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	-
salts) (Perfluorohexane sulfonate and	聯質譜儀分析。(With reference to				
its salts (PFHxS and its salts)) (CAS No.:	CEN/TS 15968: 2010, analysis was				
355-46-4 and its salts)	performed by LC/MS/MS.)				
PFHxS相關化合物 (PFHxS related					
compounds)					
N-甲基全氟-1-己烷磺醯胺 (N-MeFHxSA)	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
(N-Methylperfluoro-1-	聯質譜儀分析。(With reference to				
hexanesulfonamide (N-Me-FHxSA))	CEN/TS 15968: 2010, analysis was				
(CAS No.: 68259-15-4)	performed by LC/MS/MS.)				
全氟己烷磺醯胺 (PFHxSA)	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
(Perfluorohexane sulfonamide	聯質譜儀分析。(With reference to				
(PFHxSA)) (CAS No.: 41997-13-1)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				
N-[3-(二甲基氨基)丙基]十三氟己烷磺醯胺	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
(N-AP-FHxSA) (N-[3-	聯質譜儀分析。(With reference to				
(dimethylamino)propyl]tridecafluorohe	CEN/TS 15968: 2010, analysis was				
xanesulphonamide (N-AP-FHxSA))	performed by LC/MS/MS.)				
(CAS No.: 50598-28-2)					



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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)
2-[甲基[(十三氟己基)磺醯基]氨基]丙烯酸乙酯 (N-MeFHSEA) (2- [Methyl[(tridecafluorohexyl)sulphonyl]a mino]ethyl acrylate (N-MeFHSEA)) (CAS No.: 67584-57-0)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-
2-[甲基[(十三氟己基)磺醯基]氨基]乙基甲基丙烯酸酯 (2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethylester) (CAS No.: 67584-61-6)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
2-[乙基[(十三氟己基)磺醯基]氨基]乙基甲基丙烯酸酯 (2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethylester) (CAS No.: 67906-70-1)	參考CEN/TS 15968: 2010‧以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
十三氟-N-(2-羥基乙基)-N-甲基己烷磺醯胺 (MeFHxSE) (1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-(MeFHxSE)) (CAS No.: 68555-75-9)	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-乙基-N-[(十三氟己基)磺醯基]甘氨酸及 其鹽類 (EtFHxSAA and its salts) (Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluorohexyl)sulfonyl] and its salts (EtFHxSAA and its salts)) (CAS No.: 68957-32-4 and its salts)	CEN/TS 15968: 2010, analysis was	mg/kg	0.01	n.d.	-



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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)	限值 (Limit)
				No.1	
PFOS及其鹽類 (PFOS and its salts)					
全氟辛烷磺酸及其鹽類 (PFOS and its	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
salts) (Perfluorooctane sulfonates and	聯質譜儀分析。(With reference to				
its salts (PFOS and its salts)) (CAS No.:	CEN/TS 15968: 2010, analysis was				
1763-23-1 and its salts)	performed by LC/MS/MS.)				
PFOS相關化合物 (PFOS related					
compounds)					
N-乙基全氟正辛磺醯胺 (EtFOSA) (N-	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
ethylperfluoro-1-octanesulfonamide	聯質譜儀分析。(With reference to				
(EtFOSA)) (CAS No.: 4151-50-2)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				
N-甲基全氟正辛磺醯胺 (N-Me-FOSA)	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
(N-Methyl-Perfluoroctanesulfonamide	聯質譜儀分析。(With reference to				
(N-Me-FOSA)) (CAS No.: 31506-32-8)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				
N-乙基全氟辛基磺醯胺乙醇 (N-Et-FOSE	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
alcohol) (N-Ethyl-	聯質譜儀分析。(With reference to				
Perfluoroctanesulfonamidoethanol (N-	CEN/TS 15968: 2010, analysis was				
Et-FOSE alcohol)) (CAS No.: 1691-99-2)	performed by LC/MS/MS.)				
N-甲基全氟辛基磺醯胺乙醇 (N-Me-FOSE	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				
Me-FOSE alcohol)) (CAS No.: 24448-	performed by LC/MS/MS.)				
09-7)					
全氟辛基磺醯胺及其鹽類 (PFOSA and its	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
salts) (Perfluoroctanesulfonamide and	聯質譜儀分析。(With reference to	J. J.			
its salts (PFOSA and its salts)) (CAS No.:	CEN/TS 15968: 2010, analysis was				
754-91-6 and its salts)	performed by LC/MS/MS.)				
754-91-6 and its salts)	pertormed by LC/MS/MS.)				



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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)
PFOA及其鹽類 (PFOA and its salts)					
全氟辛酸及其鹽類 (PFOA and its salts) (Perfluorooctanoic acid and its salts (PFOA and its salts)) (CAS No.: 335-67-1 and its salts)	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.	-
PFOA相關化合物 (PFOA related					
compounds) 全氟辛酸甲酯 (Me-PFOA) (Methyl perfluorooctanoate (Me-PFOA)) (CAS No.: 376-27-2)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
全氟辛酸乙酯 (Et-PFOA) (Ethyl perfluorooctanoate (Et-PFOA)) (CAS No.: 3108-24-5)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
全氟辛基碘烷 (PFOI) (Perfluoro-1-iodooctane (PFOI)) (CAS No.: 507-63-1)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
3-全氟庚基丙酸 (7:3 FTCA) (3- Perfluoroheptyl propanoic acid (7:3 FTCA)) (CAS No.: 812-70-4)	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.	-
1H,1H,2H,2H-全氟癸磺酸及其鹽類 (8:2 FTS and its salts) (1H,1H,2H,2H- Perfluorodecanesulfonic acid and its salts (8:2 FTS and its salts)) (CAS No.: 39108-34-4 and its salts)	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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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)	限值 (Limit)
				No.1	
1H,1H,2H,2H-全氟-1-癸醇 (8:2 FTOH) (1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)) (CAS No.: 678-39-7)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀及液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS and LC/MS/MS.)	mg/kg	0.1	n.d.	-
1H,1H,2H,2H-全氟癸基丙烯酸酯 (8:2 FTA) (1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)) (CAS No.: 27905-45- 9)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
1H,1H,2H,2H-全氟癸基甲基丙烯酸酯 (8:2 FTMA) (1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)) (CAS No.: 1996-88-9)	参考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
2H,2H-全氟癸酸及其鹽類 (H2PFDA and its salts) (2H,2H-Perfluorodecane acid and its salts (H2PFDA and its salts)) (CAS No.: 27854-31-5 and its salts)	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.	-
1H,1H,2H,2H-全氟癸基碘 (8_2 FTI) (1H,1H,2H,2H-Perfluorodecyl iodide (8_2 FTI)) (CAS No.: 2043-53-0)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
1H,1H,2H,2H-全氟十七烷三甲基氧矽烷 (8:2 FTSi(OC2H5)3) (1H,1H,2H,2H- Perfluorodecyltriethoxysilane (8:2 FTSi(OC2H5)3)) (CAS No.: 101947-16-4)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
2H,2H,3H,3H-全氟癸酸及其鹽類 (4HPFUnA and its salts) (2H,2H,3H,3H- Perfluoroundecanoic Acid and its salts (4HPFUnA and its salts)) (CAS No.: 34598-33-9 and its salts)	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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測試項目	測試方法	單位	MDL	結果	限值
(Test Items)	(Method)	(Unit)		(Result)	(Limit)
				No.1	
1H,1H,2H-全氟-1-癸烯 (PFDE)	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
(1H,1H,2H-Heptadecafluoro-1-decene	譜儀分析。(With reference to CEN/TS				
(PFDE)) (CAS No.: 21652-58-4)	15968: 2010, analysis was performed by				
	GC/MS.)				
雙(1H,1H,2H,2H-全氟癸基)磷酸酯及其鹽	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
類 (8_2diPAP and its salts)	聯質譜儀分析。(With reference to				
(Bis(1H,1H,2H,2H-	CEN/TS 15968: 2010, analysis was				
Perfluorodecyl)phosphate and its salts	performed by LC/MS/MS.)				
(8_2diPAP and its salts)) (CAS No.: 678-					
41-1 and its salts)					
C9-C20 PFCAs及其鹽類與相關化合物					
(C9-C20 PFCAs its salts and related					
compounds)					
1H,1H,2H,2H-全氟癸磺酸及其鹽類 (8:2	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	-
FTS and its salts) (1H,1H,2H,2H-	聯質譜儀分析。(With reference to				
Perfluorodecanesulfonic acid and its	CEN/TS 15968: 2010, analysis was				
salts (8:2 FTS and its salts)) (CAS No.:	performed by LC/MS/MS.)				
39108-34-4 and its salts)					
1H,1H,2H,2H-全氟-1-癸醇 (8:2 FTOH)	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
(1H,1H,2H,2H-Perfluoro-1-decanol (8:2	譜儀及液相層析串聯質譜儀分析。(With				
FTOH)) (CAS No.: 678-39-7)	reference to CEN/TS 15968: 2010,				
	analysis was performed by GC/MS and				
	LC/MS/MS.)				
1H,1H,2H,2H-全氟癸基丙烯酸酯 (8:2	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
FTA) (1H,1H,2H,2H-Perfluorodecyl	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酯 (8:2	參考CEN/TS 15968: 2010,以氣相層析質	mg/kg	0.1	n.d.	-
FTMA) (1H,1H,2H,2H-Perfluorodecyl	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.)				



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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)
2H,2H-全氟癸酸及其鹽類 (H2PFDA and its salts) (2H,2H-Perfluorodecane acid and its salts (H2PFDA and its salts)) (CAS No.: 27854-31-5 and its salts)	参考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.	-
1H,1H,2H,2H-全氟癸基碘 (8_2 FTI) (1H,1H,2H,2H-Perfluorodecyl iodide (8_2 FTI)) (CAS No.: 2043-53-0)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
1H,1H,2H,2H-全氟十七烷三甲基氧矽烷 (8:2 FTSi(OC2H5)3) (1H,1H,2H,2H- Perfluorodecyltriethoxysilane (8:2 FTSi(OC2H5)3)) (CAS No.: 101947-16-4)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
2H,2H,3H,3H-全氟癸酸及其鹽類 (4HPFUnA and its salts) (2H,2H,3H,3H- Perfluoroundecanoic Acid and its salts (4HPFUnA and its salts)) (CAS No.: 34598-33-9 and its salts)	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.	-
1H,1H,2H-全氟-1-癸烯 (PFDE) (1H,1H,2H-Heptadecafluoro-1-decene (PFDE)) (CAS No.: 21652-58-4)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
雙(1H,1H,2H,2H-全氟癸基)磷酸酯及其鹽類 (8_2diPAP and its salts) (Bis(1H,1H,2H,2H-Perfluorodecyl)phosphate and its salts (8_2diPAP and its salts)) (CAS No.: 678-41-1 and its salts)	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.	-
全氟壬酸及其鹽類 (PFNA and its salts) (Perfluorononan-1-oic acid and its salts (PFNA and its salts)) (CAS No.: 375-95-1 and its salts)		mg/kg	0.01	n.d.	-



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全無癸酸及其鹽類 (PFDA and its salts) (Perfluorodecane acid and its salts) (PFDA and its salts) (PFDA and its salts) (PFDA and its salts) (PFDA and its salts) (PEDA and its salts) (PED	測試項目	測試方法	單位	MDL	結果	限值
全無・3,7-二甲基辛酸 (PF-3,7-DMOA) (Perfluoro-3,7-dimethyloctanoic Acid (Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)) (CAS No.: 172155-07-6)	(Test Items)	(Method)	(Unit)		(Result)	(Limit)
(Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)) (CAS No.: 172155-07-6) 金 第 次					No.1	
(PF-3,7-DMOA)) (CAS No.: 172155-07-6)	l '		mg/kg	0.01	n.d.	-
Performed by LC/MS/MS.		`				
全無癸酸及其鹽類 (PFDA and its salts) (Perfluorodecane acid and its salts) (PFDA and its salts) (PFDA and its salts) (PFDA and its salts) (PFDA and its salts) (Perfluoroundecanoic acid and its salts) (PFDA and its salts) (PFDA and its salts) (PFDDA and its salts) (PFDDDA and its salts) (Perfluorodecanoic acid and its salts) (PFDODA and its salts) (PERFLORE AND	(PF-3,7-DMOA)) (CAS No.: 172155-07-	,				
際門の本語 (Perfluorodecane acid and its salts (PFDA and its salts) (CAS No.: 335-76-2 and its salts) (CAS No.: 335-76-2 and its salts) (Perfluoroundecanoic acid and its salts) (Perfluoroundecanoic acid and its salts) (Perfluorodecanoic acid and its salts) (CAS No.: 2058-94-8 and its salts) (PEDDA and its salts) (Perfluorodedecanoic acid and its salts) (Perfluorodedecanoic acid and its salts) (Perfluorodedecanoic acid and its salts) (Perfluorodecane sulfonate and its salts) (Perfluorodecane and its salts) (Perfluorodeca	6)	1.				
(PFDA and its salts) (CAS No.: 335-76-2 and its salts) (PEDA and its salts)	· · · · · · · · · · · · · · · · · · ·		mg/kg	0.01	n.d.	-
and its salts) performed by LC/MS/MS.) 参考CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 聯質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質語像分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相屬析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg 0.01 n.d 影質譜儀分析・(With reference to CEN/TS 15968: 2010・以森相層析串 mg/kg 0.01 n.d 影質語像分析・(With reference to CEN/TS 15968: 2010・以森相層析串 mg/kg 0.01 n.d	`	,				
全第十一烷酸及其鹽類 (PFUnDA and its salts) (CAS No.: 2058-94-8 and its salts) (Perfluoroddecanoic acid and its salts) (Perfluoroddecane sulfonate and its salts) (Perfluorodecane sulfonate and its salts (PFDS and its salts) (CAS No.: 335-77-3 and its salts) (CAS No.: 335-77-3 and its salts) (Perfluorotridecanoic acid and its salts (PFTrDA and its salts) (CAS No.: 9孝そCEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.01 n.d.	, , ,					
salts) (Perfluoroundecanoic acid and its salts) (CAS No.: 2058-94-8 and its salts) (CAS No.: 2058-94-8 and its salts)	and its salts)					
CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) タギCEN/TS 15968: 2010 · 以液相層析串 mg/kg	•		mg/kg	0.01	n.d.	-
Performed by LC/MS/MS.) 全第十二烷酸及其鹽類 (PFDoDA and its salts) (Perfluorododecanoic acid and its salts (PFDoDA and its salts) (CAS No.: 勝質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 全氟癸烷磺酸及其鹽類 (PFDS and its salts) (CAS No.: 含考CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 全氟癸烷磺酸及其鹽類 (PFDS and its salts) (CAS No.: 合物質 (With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 全氟干三烷酸及其鹽類 (PFTDA and its salts) (Pentacosafluorotridecanoic acid and its salts (PFTDA and its salts) (CAS No.: 72629-94-8 and its salts) (CAS No.: 72629-94-8 and its salts) (PFTDA and its salts)	salts) (Perfluoroundecanoic acid and	聯質譜儀分析。(With reference to				
全無十二烷酸及其鹽類 (PFDoDA and its salts) (Perfluorododecanoic acid and its salts (PFDoDA and its salts)) (CAS No.: 307-55-1 and its salts) (Perfluorodecanoic acid and its salts) (Perfluorodecanoic acid and its salts) (Perfluorodecane sulfonate and its salts) (Perfluorodecane sulfonate and its salts) (PFDS an	its salts (PFUnDA and its salts)) (CAS	CEN/TS 15968: 2010, analysis was				
salts) (Perfluorododecanoic acid and its salts (PFDoDA and its salts)) (CAS No.: 307-55-1 and its salts) (CAS No.: 207-55-1 and its salts) (Perfluorodecane sulfonate and its salts) (Perfluorodecane sulfonate and its salts (PFDS and its salts)) (CAS No.: 2010, analysis was performed by LC/MS/MS.) **********************************	No.: 2058-94-8 and its salts)	performed by LC/MS/MS.)				
Salts (PFDoDA and its salts)) (CAS No.: 307-55-1 and its salts) 全氟癸烷磺酸及其鹽類 (PFDS and its salts)	全氟十二烷酸及其鹽類 (PFDoDA and its	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	=
performed by LC/MS/MS.) 全氟癸烷磺酸及其鹽類 (PFDS and its salts) (Perfluorodecane sulfonate and its salts (PFDS and its salts)) (CAS No.: 865-1) performed by LC/MS/MS.) 参考CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.01 n.d 聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 参考CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.01 n.d 聯質譜儀分析。(With reference to CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.01 n.d 聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 全氟十三烷酸及其鹽類 (PFTDA and its salts)) (CAS No.: 72629-94-8 and its salts) 全氟十四烷酸及其鹽類 (PFTDA and its salts) 全氟十四烷酸及其鹽類 (PFTDA and its salts) (Perfluorotetradecanoic acid and its salts (PFTDA and its salts)) (CAS No.: 8考CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.01 n.d 聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) ***********************************	salts) (Perfluorododecanoic acid and its	聯質譜儀分析。(With reference to				
全氟癸烷磺酸及其鹽類 (PFDS and its salts) (Perfluorodecane sulfonate and its salts (PFDS and its salts)) (CAS No.: Bğ 者CEN/TS 15968: 2010・以液相層析串 mg/kg の.01 n.d. 事質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 全氟十三烷酸及其鹽類 (PFTrDA and its salts) (CAS No.: Bğ 者CEN/TS 15968: 2010・以液相層析串 mg/kg の.01 n.d. 事質譜儀分析。(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg の.01 n.d. 事質譜儀分析。(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg の.01 n.d. 事質譜儀分析。(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg の.01 n.d. 事質譜儀分析。(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg の.01 n.d. 事質譜儀分析。(With reference to CEN/TS 15968: 2010・以液相層析串 mg/kg の.01 n.d. 事質譜儀分析。(With reference to CEN/TS 15968: 2010・以氣相層析 mg/kg の.01 n.d. 事質譜儀分析。(With reference to CEN/TS 15968: 2010・以氣相層析質 mg/kg の.1 n.d. 事樣人孩相層析串 mg/kg の.1 n.d. 事樣人孩相屬析事的情報人们,如果相屬析象的情報,如果未可能成本的情報,如果未可能成本的情報,如果未可能成本的情報,如果未可能成本的情報,可	salts (PFDoDA and its salts)) (CAS No.:	CEN/TS 15968: 2010, analysis was				
salts) (Perfluorodecane sulfonate and its salts) (CAS No.: BS-TOH) (IH,1H,2H,2H-全氟-1-十二醇 (10:2 FTOH) (IH,1H,2H,2H-Perfluoro-1-dodecanol (10:2FTOH)) (CAS No.: 865-1) 聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	307-55-1 and its salts)	performed by LC/MS/MS.)				
its salts (PFDS and its salts)) (CAS No.: 335-77-3 and its salts) performed by LC/MS/MS.) 参考CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.01 n.d. 多考CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.01 n.d. 与 mg/iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	全氟癸烷磺酸及其鹽類 (PFDS and its	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
Performed by LC/MS/MS. Performed by LC/MS/MS. Pefformed by LC/M	salts) (Perfluorodecane sulfonate and	聯質譜儀分析。(With reference to				
全氟十三烷酸及其鹽類 (PFTrDA and its salts) (Pentacosafluorotridecanoic acid and its salts (PFTrDA and its salts)) (CAS No.: 72629-94-8 and its salts) 全氟十四烷酸及其鹽類 (PFTDA and its salts) 全氟十四烷酸及其鹽類 (PFTDA and its salts) 全氟十四烷酸及其鹽類 (PFTDA and its salts) 令考CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 参考CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.01 n.d 聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 1H,1H,2H,2H-全氟-1-十二醇 (10:2 参考CEN/TS 15968: 2010 · 以氣相層析質 mg/kg 0.1 n.d 普儀及液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS and salts)	its salts (PFDS and its salts)) (CAS No.:	CEN/TS 15968: 2010, analysis was				
salts) (Pentacosafluorotridecanoic acid and its salts (PFTrDA and its salts)) (CAS No.: 72629-94-8 and its salts) 全氟十四烷酸及其鹽類 (PFTDA and its salts) salts) (Perfluorotetradecanoic acid and its salts) (Perfluorotetradecanoic acid and its salts) (Perfluorotetradecanoic acid and its salts) (CAS No.: 876-06-7 and its salts) (CAS No.: 976-06-7 and its salts) 1H,1H,2H,2H-全氟-1-十二醇 (10:2	335-77-3 and its salts)	performed by LC/MS/MS.)				
and its salts (PFTrDA and its salts)) (CAS No.: 72629-94-8 and its salts) 全氟十四烷酸及其鹽類 (PFTDA and its salts) 参考CEN/TS 15968: 2010,以液相層析串 mg/kg 0.01 n.d 聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 376-06-7 and its salts) 1H,1H,2H,2H-全氟-1-十二醇 (10:2 参考CEN/TS 15968: 2010,以氣相層析質 mg/kg 0.1 n.d 普儀及液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010,以氣相層析質 mg/kg 0.1 n.d 普像及液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010,analysis was performed by GC/MS and	全氟十三烷酸及其鹽類 (PFTrDA and its	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
performed by LC/MS/MS.) 全氟十四烷酸及其鹽類 (PFTDA and its salts)	salts) (Pentacosafluorotridecanoic acid	聯質譜儀分析。(With reference to				
全氟十四烷酸及其鹽類 (PFTDA and its salts) (Perfluorotetradecanoic acid and its salts (PFTDA and its salts)) (CAS No.: 聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 1H,1H,2H,2H-全氟-1-十二醇 (10:2 参考CEN/TS 15968: 2010 · 以氣相層析質 mg/kg 0.1 n.d 可以	and its salts (PFTrDA and its salts)) (CAS	CEN/TS 15968: 2010, analysis was				
Salts) (Perfluorotetradecanoic acid and its salts)) (CAS No.: 376-06-7 and its salts) (CAS No.: 1H,1H,2H,2H-全氟-1-十二醇 (10:2 参考CEN/TS 15968: 2010・以氣相層析質 mg/kg 0.1 FTOH) (1H,1H,2H,2H-Perfluoro-1- dodecanol (10:2FTOH)) (CAS No.: 865- 86-1)	No.: 72629-94-8 and its salts)	performed by LC/MS/MS.)				
its salts (PFTDA and its salts)) (CAS No.: GEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) 1H,1H,2H,2H-全氟-1-十二醇 (10:2 参考CEN/TS 15968: 2010 · 以氣相層析質 mg/kg FTOH) (1H,1H,2H,2H-Perfluoro-1- it	全氟十四烷酸及其鹽類 (PFTDA and its	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
376-06-7 and its salts	salts) (Perfluorotetradecanoic acid and	聯質譜儀分析。(With reference to				
### 18 Proof of the content of the	its salts (PFTDA and its salts)) (CAS No.:	CEN/TS 15968: 2010, analysis was				
FTOH) (1H,1H,2H,2H-Perfluoro-1- dodecanol (10:2FTOH)) (CAS No.: 865- 86-1) iii 儀及液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS and	376-06-7 and its salts)	performed by LC/MS/MS.)				
dodecanol (10:2FTOH)) (CAS No.: 865- reference to CEN/TS 15968: 2010, analysis was performed by GC/MS and	1H,1H,2H,2H-全氟-1-十二醇 (10:2	參考CEN/TS 15968: 2010,以氣相層析質	mg/kg	0.1	n.d.	-
86-1) analysis was performed by GC/MS and	FTOH) (1H,1H,2H,2H-Perfluoro-1-	譜儀及液相層析串聯質譜儀分析。(With				
	dodecanol (10:2FTOH)) (CAS No.: 865-	reference to CEN/TS 15968: 2010,				
ILC/MS/MS)	86-1)	analysis was performed by GC/MS and				
[EC/1913/1913.)		LC/MS/MS.)				



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測試項目	測試方法	單位	MDL	結果	限值
(Test Items)	(Method)	(Unit)		(Result) No.1	(Limit)
 1H,1H,2H,2H-全氟十二烷基丙烯酸酯	 参考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
(10:2 FTA) (1H,1H,2H,2H-	譜儀分析。(With reference to CEN/TS	3 3			
Perfluorododecylacrylate (10:2FTA))	15968: 2010, analysis was performed by				
(CAS No.: 17741-60-5)	GC/MS.)				
1H,1H,2H,2H-全氟十二烷基甲基丙烯酸酯	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
(10:2 FTMA) (1H,1H,2H,2H-	譜儀分析。(With reference to CEN/TS				
Perfluorododecyl methacrylate (10:2	15968: 2010, analysis was performed by				
FTMA)) (CAS No.: 2144-54-9)	GC/MS.)				
1H,1H,2H,2H-全氟十四烷基醇 (12:2	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
FTOH) (1H,1H,2H,2H-	譜儀及液相層析串聯質譜儀分析。(With				
perfluorotetradecan-1-ol (12:2 FTOH))	reference to CEN/TS 15968: 2010,				
(CAS No.: 39239-77-5)	analysis was performed by GC/MS and				
	LC/MS/MS.)				
1H,1H,2H,2H-全氟十二烷磺酸及其鹽類	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	-
(10:2 FTS and its salts) (1H,1H,2H,2H-	聯質譜儀分析。(With reference to				
Perfluorododecane sulfonic acid and its	,				
salts (10:2 FTS and its salts)) (CAS No.:	performed by LC/MS/MS.)				
120226-60-0 and its salts)					
1H,1H,2H,2H-全氟十二烷基碘 (10:2 FTI)	參考CEN/TS 15968: 2010,以氣相層析質	mg/kg	0.1	n.d.	-
(1H,1H,2H,2H-Perfluorododecyl iodide	譜儀分析。(With reference to CEN/TS				
(10:2 FTI)) (CAS No.: 2043-54-1)	15968: 2010, analysis was performed by				
	GC/MS.)				
1H,1H,2H,2H-全氟十四烷基碘 (12:2 FTI)	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
(1H,1H,2H,2H-Perfluorotetradecyl	譜儀分析。(With reference to CEN/TS				
iodide (12:2 FTI)) (CAS No.: 30046-31-2)	15968: 2010, analysis was performed by				
	GC/MS.)				
全氟壬烷磺酸及其鹽類 (PFNS and its	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	-
salts) (Perfluorononane sulfonic acid	聯質譜儀分析。(With reference to				
and its salts (PFNS and its salts)) (CAS	CEN/TS 15968: 2010, analysis was				
No.: 68259-12-1 and its salts)	performed by LC/MS/MS.)				



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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)
全氟十一烷磺酸及其鹽類 (PFUnDS and its salts) (Perfluoroundecane sulfonic acid and its salts (PFUnDS and its salts)) (CAS No.: 749786-16-1 and its salts)	参考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.	-
全氟十二烷磺酸及其鹽類 (PFDoDS and its salts) (Perfluorododecane sulfonic acid and its salts (PFDoDS and its salts)) (CAS No.: 79780-39-5 and its salts)	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.	-
全氟十三烷磺酸及其鹽類 (PFTrDS and its salts) (Perfluorotridecane sulfonic acid and its salts (PFTrDS and its salts)) (CAS No.: 791563-89-8 and its salts)	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.	-
雙[2-(全氟癸基)乙基]磷酸鹽及其鹽類 (10:2 diPAP and its salts) (10:2 Fluortelomerphosphatediester and its salts (10:2 diPAP and its salts)) (CAS No.: 1895-26-7 and its salts)	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	0.1	n.d.	-
全氟碘代十二烷 (PFDoDI) (Perfluorododecyl iodide (PFDoDI)) (CAS No.: 307-60-8)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
1-碘全氟癸烷 (PFDI) (Perfluorodecyl iodide (PFDI)) (CAS No.: 423-62-1)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
單[2-(全氟癸基)乙基]磷酸酯及其鹽類 (10:2 monoPAP and its salts) (10:2 Fluortelomerphosphatemonoester (10:2 monoPAP and its salts)) (CAS No.: 57678-05-4 and its salts)	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	0.1	n.d.	-



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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)
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-十三氟壬基) 碘乙醯胺 (n-(4,4,5,5,6,6,7,7,8,8,9,9,9- tridecafluorononyl)iodoacetamide) (CAS No.: 852527-50-5)	参考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.	-
全氟十五烷酸及其鹽類 (PFPeDA and its salts, C15) (Perfluoropentadecanoic acid and its salts (PFPeDA and its salts, C15)) (CAS No.: 141074-63-7 and its salts)	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	0.1	n.d.	-
全氟十六烷酸及其鹽類 (PFHxDA and its salts, C16) (Perfluorohexadecanoic acid and its salts (PFHxDA and its salts, C16)) (CAS No.: 67905-19-5 and its salts)	参考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.	-
全氟十八烷酸及其鹽類 (PFODA and its salts, C18) (Perfluorooctadecanoic acid and its salts (PFODA and its salts, C18)) (CAS No.: 16517-11-6 and its salts)	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.	-
其他PFAS (Other PFAS)					
全氟丁酸及其鹽類 (PFBA and its salts) (Perfluorobutane acid and its salts (PFBA and its salts)) (CAS No.: 375-22-4 and its salts)	参考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.	-
全氟丁磺酸及其鹽類 (PFBS and its salts) (Perfluorobutane sulfonate and its salts (PFBS and its salts)) (CAS No.: 375-73-5 and its salts)	参考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.	-
全氟丁磺醯胺 (Perfluorobutane sulfon amides) (CAS No.: 30334-69-1)	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	0.1	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	
N-(2-羥乙基)-N-甲基全氟丁烷磺醯胺	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
(PFBS-NC3H8O) (1,1,2,2,3,3,4,4,4-	聯質譜儀分析。(With reference to				
nonafluoro-N-(2-hydroxyethyl)-N-	CEN/TS 15968: 2010, analysis was				
methylbutane-1-sulphonamide (PFBS-	performed by LC/MS/MS.)				
NC3H8O)) (CAS No.: 34454-97-2)					
1H,1H,2H,2H-甲基丙烯酸全氟己酯 (4:2	參考CEN/TS 15968: 2010,以氣相層析質	mg/kg	0.1	n.d.	-
FTMA) (1H,1H,2H,2H-Perfluorohexyl	譜儀分析。(With reference to CEN/TS				
methacrylate (4:2 FTMA)) (CAS No.:	15968: 2010, analysis was performed by				
1799-84-4)	GC/MS.)				
全氟戊酸及其鹽類 (PFPA and its salts)	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	-
(Perfluoropentane acid and its salts	聯質譜儀分析。(With reference to				
(PFPA and its salts)) (CAS No.: 2706-90-	CEN/TS 15968: 2010, analysis was				
3 and its salts)	performed by LC/MS/MS.)				
全氟庚酸及其鹽類 (PFHpA and its salts)	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	-
(Perfluoroheptane acid and its salts	聯質譜儀分析。(With reference to				
(PFHpA and its salts)) (CAS No.: 375-85-	CEN/TS 15968: 2010, analysis was				
9 and its salts)	performed by LC/MS/MS.)				
7H-十二氟庚酸及其鹽類 (HPFHpA and	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	-
its salts) (7H-Dodecanefluoroheptane	聯質譜儀分析。(With reference to				
acid and its salts (HPFHpA and its salts))	CEN/TS 15968: 2010, analysis was				
(CAS No.: 1546-95-8 and its salts)	performed by LC/MS/MS.)				
全氟庚基磺酸及其鹽類 (PFHpS and its	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
salts) (Perfluoroheptane sulfonate and	聯質譜儀分析。(With reference to				
its salts (PFHpS and its salts)) (CAS No.:	CEN/TS 15968: 2010, analysis was				
375-92-8 and its salts)	performed by LC/MS/MS.)				
全氟-3-甲氧基丙酸 (PFMPA) (Perfluoro-	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
3-methoxypropanoic acid (PFMPA))	聯質譜儀分析。(With reference to				
(CAS No.: 377-73-1)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				
全氟 4-甲氧基丁酸 (PFMBA) (Perfluoro-	參考CEN/TS 15968: 2010,以液相層析串	mg/kg	0.01	n.d.	
4-methoxybutanoic acid (PFMBA)) (CAS	聯質譜儀分析。(With reference to				
No.: 863090-89-5)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				

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陸昌化工股份有限公司 (PAN-CONTINENTAL CHEMICAL CO., LTD.) 台中市大甲區幼獅工業區青年路159號 (NO. 159, CHINGNIAN RD., TACHIA (437), TAICHUNG CITY, TAIWAN)

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-3,6-二氧雜庚酸 (NFDHA) (Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)) (CAS No.: 151772-58-6)	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.	-
4,8-二氧雜-3H-全氟壬酸及其鹽類 (ADONA and its salts) (4,8-Dioxa-3H- perfluorononanoic acid and its salts (ADONA and its salts)) (CAS No.: 919005-14-4 and its salts)	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.	-
1H,1H,2H,2H-全氟-1-己醇 (4:2 FTOH) (1H,1H,2H,2H-Perfluoro-1-hexanol (4:2FTOH)) (CAS No.: 2043-47-2)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀及液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS and LC/MS/MS.)	mg/kg	0.4	n.d.	-
2,3,3,3-四氟-2-(七氟丙氧基)丙酸及其鹽類 (HFPO-DA and its salts) (2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acide and its salts (HFPO-DA and its salts)) (CAS No.: 13252-13-6 and its salts)	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.	-
1H,1H,2H,2H-全氟己磺酸及其鹽類 (4:2 FTS and its salts) (1H,1H,2H,2H- Perfluorohexanesulfonic acid and its salts (4:2 FTS and its salts)) (CAS No.: 757124-72-4 and its salts)	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.	-
全氟辛烷磺酰胺乙酸及其鹽類 (FOSAA and its salts) (Perfluorooctane sulfonamidoacetic acid and its salts (FOSAA and its salts)) (CAS No.: 2806- 24-8 and its salts)	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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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.1	限值 (Limit)
N-甲基全氟辛烷磺酰胺乙酸及其鹽類 (N-MeFOSAA and its salts) (N-methylperfluorooctane sulfonamidoacetic acid and its salts (N-MeFOSAA and its salts)) (CAS No.: 2355-31-9 and its salts)	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-乙基全氟辛烷磺酰胺乙酸及其鹽類 (N-EtFOSAA and its salts) (N-ethylperfluorooctane sulfonamidoacetic acid and its salts (N-EtFOSAA and its salts)) (CAS No.: 2991-50-6 and its salts)	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.	-
全氟戊磺酸及其鹽類 (PFPeS and its salts) (Perfluoropentane sulfonic acid and its salts (PFPeS and its salts)) (CAS No.: 2706-91-4 and its salts)	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.	-
3-全氟丙基丙酸 (3:3 FTCA) (3- Perfluoropropyl propanoic acid (3:3 FTCA)) (CAS No.: 356-02-5)	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.	-
2-全氟己基乙酸 (6:2 FTCA) (2- Perfluorohexyl ethanoic acid (6:2 FTCA)) (CAS No.: 53826-12-3)	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.	-
3-全氟戊基丙酸 (5:3 FTCA) (3- Perfluoropentyl propanoic acid (5:3 FTCA)) (CAS No.: 914637-49-3)	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.	-
全氟(2-乙氧基乙烷)磺酸 (PFEESA) (Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)) (CAS No.: 113507-82-7)	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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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.1	限值 (Limit)
9-氯十六氟-3-氧雜壬烷-1-磺酸及其鹽類 (9CI-PF3ONS and its salts) (9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid and its salts (9CI-PF3ONS and its salts)) (CAS No.: 756426-58-1 and its salts)	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.	-
11-氯二十氟-3-氧雜十一烷-1-磺酸及其鹽類 (11Cl-PF3OUdS and its salts) (11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid and its salts (11Cl-PF3OUdS and its salts)) (CAS No.: 763051-92-9 and its salts)	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.	-
2-(N-乙基全氟辛烷磺醯胺基)丙烯酸乙酯 (EtFOSAC) (2-(N- ethylperfluorooctanesulfamido)ethyl acrylate (EtFOSAC)) (CAS No.: 423-82- 5)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
全氟辛基三乙氧基矽烷 (POTS) (Perfluorooctyl triethoxysilane (POTS)) (CAS No.: 51851-37-7)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
11H-全氟十一烷酸及其鹽類 (11H-PFUnDA and its salts) (11H-Perfluoroundecanoic acid and its salts (11H-PFUnDA and its salts)) (CAS No.: 1765-48-6 and its salts)	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	0.1	n.d.	-
五氟丙酸及其鹽類 (PFPrA and its salts) (Pentafluoropropionate acid and its salts (PFPrA and its salts)) (CAS No.: 422-64-0 and its salts)	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	0.1	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	
1H,1H,2H,2H-全氟癸基三氯矽烷	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
(1H,1H,2H,2H-	譜儀分析。(With reference to CEN/TS				
1	15968: 2010, analysis was performed by				
78560-44-8)	GC/MS.)				
1H,1H,2H,2H-全氟癸基三甲氧基矽烷	參考CEN/TS 15968: 2010 · 以氣相層析質				
(1H,1H,2H,2H-	譜儀分析。(With reference to CEN/TS				
Perfluorodecyltrimethoxysilane) (CAS	15968: 2010, analysis was performed by				
No.: 83048-65-1)	GC/MS.)				
1H,1H,2H,2H-全氟辛基三氯矽烷	參考CEN/TS 15968: 2010 · 以氣相層析質	mg/kg	0.1	n.d.	-
(1H,1H,2H,2H-	譜儀分析。(With reference to CEN/TS				
	15968: 2010, analysis was performed by				
78560-45-9)	GC/MS.)				
2H-全氟-2-癸烯酸 (8:2 FTUCA) (2H-	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
Perfluoro-2-decenoic acid (8:2 FTUCA))	聯質譜儀分析。(With reference to				
(CAS No.: 70887-84-2)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				
2H-全氟-2-辛烯酸 (6:2 FTUCA) (2H-	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
Perfluoro-2-octenoic acid (6:2 FTUCA))	聯質譜儀分析。(With reference to				
(CAS No.: 70887-88-6)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				
2H-全氟-2-十二烯酸 (10:2 FTUCA) (2H-	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
Perfluoro-2-dodecenoic acid (10:2	聯質譜儀分析。(With reference to				
FTUCA)) (CAS No.: 70887-94-4)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				
2-全氟癸基乙酸 (10:2 FTCA) (2-	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
Perfluorodecyl ethanoic acid (10:2	聯質譜儀分析。(With reference to				
FTCA)) (CAS No.: 53826-13-4)	CEN/TS 15968: 2010, analysis was				
	performed by LC/MS/MS.)				
6:6 全氟次磷酸及其鹽類 (6:6 PFPi and its	參考CEN/TS 15968: 2010 · 以液相層析串	mg/kg	0.01	n.d.	-
salts) (6:6 Perfluorophosphinic acid and	聯質譜儀分析。(With reference to				
its salts (6:6 PFPi and its salts)) (CAS	CEN/TS 15968: 2010, analysis was				
No.: 40143-77-9 and its salts)	performed by LC/MS/MS.)				



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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)
6:8全氟次磷酸 (6:8 PFPi) (6:8 Perfluorophosphinic acid (6:8 PFPi)) (CAS No.: 610800-34-5)	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.	-
8:8全氟次磷酸及其鹽類 (8:8 PFPi and its salts) (8:8 Perfluorophosphinic acid and its salts (8:8 PFPi and its salts)) (CAS No.: 40143-79-1 and its salts)	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.	-
2-全氟辛基乙基乙酸酯 (8:2 FTOAc) (1H,1H,2H,2H-Heptadecafluorodecyl acetate (8:2 FTOAc)) (CAS No.: 37858- 04-1)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.	-
單[2-(全氟乙烷)乙基]磷酸鹽及其鹽類 (6:2 monoPAP and its salts) (Mono[2-(perfluorohexyl)ethyl] Phosphate and its salts (6:2 monoPAP and its salts)) (CAS No.: 57678-01-0 and its salts)	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	0.1	n.d.	-
單-[2-(全氟辛基)乙烷]磷酸酯及其鹽類(8:2 monoPAP and its salts) (Mono-[2-(perfluorooctyl)ethyl]phosphate and its salts (8:2 monoPAP and its salts)) (CAS No.: 57678-03-2 and its salts)	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	0.1	n.d.	-
2-碘-1H,1H,1H,2H,3H,3H-全氟壬烷 (2-lodo-1H,1H,1H,2H,3H,3H-perfluorononane) (CAS No.: 38550-34-4)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-
N-[3-(二甲基氨基)丙基]- 3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟辛基磺醯胺 N-氧化物 (N-[3-(dimethylamino)propyl]- 3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctanesulphonamide N- oxide) (CAS No.: 80475-32-7)	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	0.1	n.d.	-

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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)
硫氰酸, 3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟辛 酯 (Thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctyl ester) (CAS No.: 26650-09-9)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-
2H,2H,3H,3H-全氟壬酸 (6:3 FTCA) (2H,2H,3H,3H-Perfluorononanoic acid (6:3 FTCA)) (CAS No.: 27854-30-4)	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	0.1	n.d.	-
1H,1H,2H,2H-全氟辛硫醇(6:2 FTSH) (1H,1H,2H,2H-Perfluorooctanethiol (6:2 FTSH)) (CAS No.: 34451-26-8)	15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-
FTSiMe2Cl) (1H,1H,2H,2H-	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-
1-碘-1H,1H-全氟庚烷 (6:1 FTI) (1-lodo-1H,1H-Perfluoroheptane (6:1 FTI)) (CAS No.: 212563-43-4)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-
1H,1H,2H,2H,3H,3H-全氟壬基碘化物 (6:3 FTI) (3-(Perfluorohexyl)propyl iodide (6:3 FTI)) (CAS No.: 89889-20-3)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-
1H,1H,2H,2H-全氟辛烷磷酸及其鹽類 (6:2 FTPA and its salts) (1H,1H,2H,2H-Perfluorooctanephosphonic acid and its salts (6:2 FTPA and its salts)) (CAS No.: 252237-40-4 and its salts)	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	0.1	n.d.	-



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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)
十一氟正己烷-1-醇 (5:1 FTOH) (1H,1H-perfluorohexan-1-ol (5:1 FTOH)) (CAS No.: 423-46-1)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀及液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS and LC/MS/MS.)	mg/kg	0.2	n.d.	-
全氟-1-庚醇 (6:1 FTOH) (1H,1H-perfluoro-1-heptanol (6:1 FTOH)) (CAS No.: 375-82-6)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀及液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS and LC/MS/MS.)	mg/kg	0.2	n.d.	-
3-全氟己基丙醇 (6:3 FTOH) (3- (perfluorohexyl)propanol (6:3 FTOH)) (CAS No.: 80806-68-4)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-
3,3,4,4,5,5,6,6,7,7,7-十一氟-2-庚醇 (3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2- heptanol) (CAS No.: 914637-05-1)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀及液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS and LC/MS/MS.)	mg/kg	0.2	n.d.	-
全氟己基辛烷 (1- (perfluorohexyl)octane) (CAS No.: 133331-77-8)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-
1H,1H-全氟庚基胺 (6:1 FTNH2) (1H,1H- Perfluoroheptylamine (6:1 FTNH2)) (CAS No.: 423-49-4)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-



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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)	限值 (Limit)
1-十二烷醇, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12, 12,12-二十二碳氟-, 1 -醋酸鹽 (10:2 FTOAc) (1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12, 12,12-heneicosafluoro-, 1-acetate (10:2 FTOAc)) (CAS No.: 37858-05-2)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	No.1 n.d.	-
全氟-2,5-二甲基-3,6-二氧雜壬酸及其鹽類 (HFPO-TA and its salts) (Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid and its salts (HFPO-TA and its salts)) (CAS No.: 13252-14-7 and its salts)	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	0.2	n.d.	-
五氟乙烷磺酸 (PFEtS) (Pentafluoroethane sulfonic acid (PFEtS)) (CAS No.: 354-88-1)	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.	-
雙[2 - (全氟己基)乙基]磷酸鹽及其鹽類 (6:2 diPAP and its salts) (Bis[2- (perfluorohexyl)ethyl] Phosphate and its salts (6:2 diPAP and its salts)) (CAS No.: 57677-95-9 and its salts)	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.	-
雙三氟甲烷磺酰亞胺及其鹽類 (TFSI and its salts) (Trifluoromethanesulfonimide and its salts (TFSI and its salts)) (CAS No.: 82113-65-3 and its salts)	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.	-
三氟甲磺酸及其鹽類 (TFMS and its salts) (Trifluoromethane sulfonic acid and its salts (TFMS and its salts)) (CAS No.: 1493-13-6 and its salts)	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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(Method) (Unit) (Result) (Limit) No.1 全氟丙烷磺酸及其鹽類 (PFPrS and its salts) (Perfluoropropate sulfonic acid and its salts (PFPrS and its salts)) (CAS No.: 423-41-6 and its salts) 1-全氟庚基乙醇 (7:2s FTOH) (1-
全氟丙烷磺酸及其鹽類 (PFPrS and its salts) (Perfluoropropate sulfonic acid and its salts (PFPrS and its salts)) (CAS No.: 423-41-6 and its salts) 1-全氟庚基乙醇 (7:2s FTOH) (1-pefluoroheptyl ethanol (7:2 secondary) (7:2s FTOH)) (CAS No.: 24015-83-6) 1-碘-1H, 1H, 2H, 2H-全氟己烷 (4:2 FTI) (4:2 Fluorotelomer iodide (4:2 FTI)) (CAS No.: 2043-55-2) 全氟庚烷-1-亞磺酸及其鹽類 (PFHpSi and its salts) (Perfluoroheptane-1-sulfinic 常考CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.0 n.d mg/kg 0.2 n.d mg/k
salts) (Perfluoropropate sulfonic acid and its salts (PFPrS and its salts)) (CAS No.: 423-41-6 and its salts) 1-全氟庚基乙醇 (7:2s FTOH) (1- 参考CEN/TS 15968: 2010 · 以氣相層析質 performed by LC/MS/MS.) 1-中原自以口心中的中以自生物和口(7:2 secondary) (7:2s FTOH)) (CAS No.: 24015-83-6) 1-碘-1H, 1H, 2H, 2H-全氟己烷 (4:2 FTI) (4:2 Fluorotelomer iodide (4:2 FTI)) (CAS No.: 2043-55-2) 全氟庚烷-1-亞磺酸及其鹽類 (PFHpSi and its salts) (Perfluoroheptane-1-sulfinic 学者CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.0 n.d 聯質譜儀分析。(With reference to CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.0 n.d m
and its salts (PFPrS and its salts)) (CAS No.: 423-41-6 and its salts) 1-全氟庚基乙醇 (7:2s FTOH) (1-pefluoroheptyl ethanol (7:2 secondary) (7:2s FTOH)) (CAS No.: 24015-83-6) 1-碘-1H, 1H, 2H, 2H-全氟己烷 (4:2 FTI) (4:2 Fluorotelomer iodide (4:2 FTI)) (CAS No.: 2043-55-2) 全氟庚烷-1-亞磺酸及其鹽類 (PFHpSi and its salts) (Perfluoroheptane-1-sulfinic)
No.: 423-41-6 and its salts)
1-全氟庚基乙醇 (7:2s FTOH) (1-pefluoroheptyl ethanol (7:2 secondary)
pefluoroheptyl ethanol (7:2 secondary)
(7:2s FTOH)) (CAS No.: 24015-83-6)
GC/MS.) 1-碘-1H, 1H, 2H, 2H-全氟己烷 (4:2 FTI) 参考CEN/TS 15968: 2010·以氣相層析質 mg/kg 0.2 n.d (4:2 Fluorotelomer iodide (4:2 FTI))
1-碘-1H, 1H, 2H, 2H-全氟己烷 (4:2 FTI)
(4:2 Fluorotelomer iodide (4:2 FTI))
(CAS No.: 2043-55-2)15968: 2010, analysis was performed by GC/MS.)Index of the second of the
GC/MS.) 全氟庚烷-1-亞磺酸及其鹽類 (PFHpSi and 参考CEN/TS 15968: 2010,以液相層析串 mg/kg 0.01 n.d its salts) (Perfluoroheptane-1-sulfinic 聯質譜儀分析。(With reference to
全氟庚烷-1-亞磺酸及其鹽類 (PFHpSi and 参考CEN/TS 15968: 2010 · 以液相層析串 mg/kg 0.01 n.d its salts) (Perfluoroheptane-1-sulfinic 聯質譜儀分析。(With reference to
its salts) (Perfluoroheptane-1-sulfinic 聯質譜儀分析。(With reference to
acid and its salts (PFHpSi and its salts)) CEN/TS 15968: 2010, analysis was
(CAS No.: 769067-51-8 and its salts) performed by LC/MS/MS.)
全氟辛基磷酸及其鹽類 (PFOPA and its 参考CEN/TS 15968: 2010,以液相層析串 mg/kg 0.01 n.d. -
salts) (Perfluorooctylphosphoic acid 聯質譜儀分析。(With reference to
and its salts (PFOPA and its salts)) (CAS CEN/TS 15968: 2010, analysis was
No.: 40143-78-0 and its salts) performed by LC/MS/MS.)
1H, 1H全氟辛胺 (1H,1H- 参考CEN/TS 15968: 2010,以氣相層析質 mg/kg 0.2 n.d. -
Perfluorooctylamine) (CAS No.: 307-29- iii 儀分析。(With reference to CEN/TS
9) 15968: 2010, analysis was performed by
GC/MS.)
全氟庚醯胺 (Perfluoroheptanamide) 参考CEN/TS 15968: 2010,以氣相層析質 mg/kg 0.1 n.d. -
(CAS No.: 2358-22-7) 譜儀分析。(With reference to CEN/TS
15968: 2010, analysis was performed by
GC/MS.)
全氟丁醯胺 (Perfluorobutyramide) (CAS 参考CEN/TS 15968: 2010,以氣相層析質 mg/kg 0.2 n.d
No.: 662-50-0) 譜儀分析。(With reference to CEN/TS
15968: 2010, analysis was performed by
GC/MS.)



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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)
1H, 1H, 2H, 2H-九氟己酯 (4:2 FTA) (1H,1H,2H,2H-Nonafluorohexyl acrylate (4:2 FTA)) (CAS No.: 52591-27- 2)	参考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.	-
N-甲基-九氟丁磺醯胺 (N-methylperfluoro-1-butanesulfonamide) (CAS No.: 68298-12-4)	参考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-乙基-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-N-(2-羥乙基)-1-己磺醯胺 (N-Ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-1-hexanesulfonamide) (CAS No.: 34455-03-3)	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.	-
乙基九氟丁基及其異構體 (Ethyl perfluoroisobutyl ether and its isomers) (CAS No.: 163702-05-4 and others)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	10	n.d.	-
1,1,1,2,2,3,4,5,5,5-十氟戊烷 (1,1,1,2,2,3,4,5,5,5,-decafluoro- Pentane) (CAS No.: 138495-42-8)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	10	n.d.	-
三氟甲苯 (Trifluorotoluene) (CAS No.: 98-08-8)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	1	n.d.	-
對氯三氟甲苯 (1-Chloro-4 (Trifluoromethyl)Benzene) (CAS No.: 98-56-6)	參考CEN/TS 15968: 2010 · 以氣相層析質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	1	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	
1H,1H,2H,2H-全氟癸基甲基二氯矽烷	參考CEN/TS 15968: 2010,以氣相層析質	mg/kg	0.1	n.d.	-
(1H,1H,2H,2H-	譜儀分析。(With reference to CEN/TS				
Perfluorodecylmethyldichlorosilane)	15968: 2010, analysis was performed by				
(CAS No.: 3102-79-2)	GC/MS.)				
銻 (Sb) (Antimony (Sb)) (CAS No.: 7440-	參考US EPA 3052: 1996,以感應耦合電漿	mg/kg	2	n.d.	-
36-0)	發射光譜儀分析。(With reference to US				
	EPA 3052: 1996, analysis was performed				
	by ICP-OES.)				
砷 (As) (Arsenic (As)) (CAS No.: 7440-	參考US EPA 3052: 1996,以感應耦合電漿	mg/kg	2	n.d.	-
38-2)	發射光譜儀分析。(With reference to US				
	EPA 3052: 1996, analysis was performed				
	by ICP-OES.)				
鈹 (Be) (Beryllium (Be)) (CAS No.: 7440-	參考US EPA 3052: 1996,以感應耦合電漿	mg/kg	2	n.d.	-
41-7)	發射光譜儀分析。(With reference to US				
	EPA 3052: 1996, analysis was performed				
	by ICP-OES.)				



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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. **= Qualitative analysis (No Unit) 定性分析(無單位)
- 6. Negative = Undetectable 陰性(未偵測到/未檢出); Positive = Detectable 陽性(已偵測到/檢出)
- 7. 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".)
- 8. ▲: 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 × F

AX	Α	F
氧化雙三丁基錫	二丁甘纪 (Tributyl Tip) (TDT)	1 0276
(Bis(tributyltin)oxide) (TBTO)	三丁基錫 (Tributyl Tin) (TBT)	1.0276

參數換算表 (Parameter Conversion Table):

https://eecloud.sgs.com/Region_TW/DocDownload.aspx?name=Others

9. 除非另有說明,參照ILAC-G8:09/2019決定規則,採用簡單允收規則之二分法(w=0)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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PAHs Remark:

△ 德國產品安全委員會(AfPS): GS PAHs 要求

AfPS (German commission for Product Safety): GS PAHs requirements

	第1類(Category 1)	第 2 類(Cate	egory 2)	第 3 類(Cate	egory 3)
項目 (Parameter)	intended to be placed in the mouth, or materials in toys (Directive 2009/48/EC) or articles for children up to 3	或重複的短時間接觸 are not in Category	炒(長期皮膚接觸) (Materials that v 1, with eable long-term seconds) or	不屬於第 1 類或第 2 圖或可預見與皮膚接 (短期皮膚接觸)(Mate covered by Categor intended or foresee term skin contact (s	觸不超過 30 秒 erials not ry 1 or 2, with eable short-
	years of age with intended long-term skin contact (> 30 seconds))	a. 供 14 歳以下兒童使 用的產品(Use by children under 14)	consumer	a. 供 14 歲以下兒童使 用的產品(Use by children under 14)	consumer
Naphthalene	< 1	< 2)	< 10)
Phenanthrene					
Anthracene	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Fluoranthene	< 1 Suili	< 5 Sui ii	< 10 Suili	< 20 Suiti	< 50 Suiti
Pyrene					
Benzo[a]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[b]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[j]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[k]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[a]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[e]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno[1,2,3-c,d] pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo[a,h]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[g,h,i]perylene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
15 項 PAH 總濃度 (Sum of 15 PAH)	< 1	< 5	< 10	< 20	< 50

單位(Unit): mg/kg



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陸昌化工股份有限公司 (PAN-CONTINENTAL CHEMICAL CO., LTD.) 台中市大甲區幼獅工業區青年路159號 (NO. 159, CHINGNIAN RD., TACHIA (437), TAICHUNG CITY, TAIWAN)

PFAS Remark:

現有PFAS定量技術是分析PFAS物質的特定結構,但同碳數族群之PFAS酸及鹽類物質,其可被辨識的特定結構相同,因此無法區別所分析的特定結構是來自酸或者鹽類,故測試結果為同碳數族群之PFAS之酸及鹽類物質的濃度總合。下表PFAS物質濃度皆已包含在測試結果中,相關資訊請參見下表:(下表列舉PFAS物質僅為範例,並不包含所有同碳數族群之PFAS鹽類。)

(The quantitative technology of PFAS is to analyze the specific structure of PFAS substances. However, PFAS acid and its salts with the same carbon number group have the same specific structure that can be identified. The tested results of the analyzed specific structure cannot be distinguished to identify the contribution from PFAS acid or its salts. Therefore, the tested results display the sum of concentrations of PFAS acids and its salts with the same carbon number group. The concentration of PFAS substances in the below table have been included in the tested results, please refer to the table for relevant information: (The listed PFAS substances are examples only, it do not include all PFAS salts with the same carbon number group.))

群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	全氟丁酸 (Perfluorobutane acid) (PFBA)	375-22-4
	全氟丁酸銨 (PFBA-NH ₄) Ammonium perfluorobutanoate (PFBA-NH ₄)	10495-86-0
	全氟丁酸鈉 (PFBA-Na) Sodium perfluorobutanoate (PFBA-Na)	2218-54-4
DED 4 77 ++ 17/4	全氟丁酸鉀 (PFBA-K) Potassium heptafluorobutanoate (PFBA-K)	2966-54-3
PFBA, 及其鹽 (PFBA, its salts)	全氟丁酸銀 (PFBA-Ag) Silver perfluorobutanoate (PFBA-Ag)	3794-64-7
	全氟丁酸鋰 (PFBA-Li) Lithium perfluorobutanoate (PFBA-Li)	4146-76-3
	全氟丁酸哌嗪 (1:1) Heptafluorobutanoic acid-piperazine (1:1)	375-04-2
	全氟丁酸鹽 Perfluorobutanoate (anion)	45048-62-2
	全氟丁磺酸 (Perfluorobutane sulfonate) (PFBS)	375-73-5
	全氟丁基磺酸鈉 (PFBS-Na) 1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, sodium salt (1:1) (PFBS-Na)	60453-92-1
PFBS, 及其鹽&衍生物 (PFBS, its salts & derivatives)	全氟丁基磺酸鋰 (PFBS-Li) Lithium perfluorobutanesulfonate (PFBS-Li)	131651-65-5
	全氟丁基磺酸鎂 (PFBS-Mg) Magnesium perfluorobutanesulfonate (PFBS-Mg)	507453-86-3
	全氟丁基磺酸鉀 (PFBS-K) Perfluorobutane Sulfonate K-salt (PFBS-K)	29420-49-3



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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	全氟丁基磺酸氟 (PFBS-F) Perfluorobutane sulfonyl fluoride (PFBS-F)	375-72-4
	全氟丁基磺酸四乙基銨 (PFBS-N(CH ₃ CH ₂) ₄) Tetraethylammonium perfluorobutanesulfonate (PFBS-N(CH ₃ CH ₂) ₄)	25628-08-4
	全氟丁基磺酸三苯基鋶 (TPS-PFBS) Triphenylsulfanium perfluorobutane sulfonate (TPS-PFBS)	144317-44-2
	全氟丁基磺酸二甲基(苯基)硫 Dimethyl(phenyl)sulfanium perfluorobutane sulfonate	220133-51-7
	全氟丁基磺酸四丁基磷 Tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	220689-12-3
	全氟丁基磺酸嗎啉 Morpholinium perfluorobutanesulfonate	503155-89-3
	全氟丁基磺酸銨 (PFBS-NH ₄) Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate (PFBS-NH ₄)	68259-10-9
PFBS, 及其鹽&衍生物	全氟丁基磺酸水合物 Nonafluorobutanesulfonic acidHydrate	59933-66-3
(PFBS, its salts & derivatives)	全氟丁基磺酸氯 (PFBS-Cl) Nonafluoro-1-butanesulfonyl chloride (PFBS-Cl)	2991-84-6
	全氟-1-丁磺酸雙(4-叔丁基苯基)碘鎓 (PFBS-I(C_6H_4) $_2$ (C_4H_9) $_2$) Bis(4-tert-butylphenyl)iodonium perfluoro-1-butanesulfonate (PFBS-I(C_6H_4) $_2$ (C_4H_9) $_2$)	194999-85-4
	$1,1,2,2,3,4,4,4$ —氟丁烷- 1 -磺酸與 $2,2$ 亞氨基二乙醇的化合物 (1:1) (PFBS-NH(C_2H_5O) $_2$) $1,1,2,2,3,3,4,4,4$ -nonafluorobutane- 1 -sulphonic acid, compound with $2,2$ '-iminodiethanol (1:1) (PFBS-NH(C_2H_5O) $_2$)	70225-18-2
	1-(4-丁氧基-1-萘基)四氫噻吩九氟丁烷-1-磺酸鹽 (PFBS-SC ₁₈ H ₂₃ O) 1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate (PFBS-SC ₁₈ H ₂₃ O)	209482-18-8
	全氟丁基磺酸四丁基銨 ((PFBS-N(C_4H_9) ₄)) Tetrabutylammonium nonafluorobutanesulfonate ((PFBS-N(C_4H_9) ₄))	108427-52-7
	全氟丁基磺酸二苯碘 ((PFBS-I($C_6H_5)_2$)) Diphenyliodanium nonafluorobutane-1-sulfonate((PFBS-I($C_6H_5)_2$))	194999-82-1

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台中市大甲區幼獅工業區青年路159號 (NO. 159, CHINGNIAN RD., TACHIA (437), TAICHUNG CITY, TAIWAN)

群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	全氟丁基磺酸三(4-叔丁基苯基)鍺 Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,4- nonafluoro-1-butanesulfonate (1:1)	241806-75-7
	全氟丁基磺酸(4-環己基苯基)(二苯基)鍺 Sulfonium, (4-cyclohexylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,4- nonafluoro-1-butanesulfonate (1:1)	425670-64-0
	全氟丁基磺酸1-(1-甲基-1H-吲哚-3-基)硫醇-1-鎓 Thiophenium, tetrahydro-1-(1-methyl-1H-indol-3-yl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	867373-18-0
	全氟丁基磺酸1-乙基-3-甲基吡啶鎓 Pyridinium, 1-ethyl-3-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1- butanesulfonate (1:1)	1015420-87-7
	全氟丁基磺酸1-甲基-3-辛基咪唑鎓 1H-Imidazolium, 1-methyl-3-octyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	905972-83-0
	全氟丁基磺酸1-己基-3-甲基咪唑鎓 1H-Imidazolium, 3-hexyl-1-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1- butanesulfonate (1:1)	1001557-05-6
PFBS, 及其鹽&衍生物 (PFBS, its salts & derivatives)	全氟丁基磺酸N,N-二甲基-N-(丙-2-基)丙-2-胺 2-Propanaminium, N,N-dimethyl-N-(1-methylethyl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	374571-81-0
	全氟丁基磺酸[4-(2-叔丁氧基-2-氧代乙氧基)苯基](二苯基) (1:1) Sulfonium, [4-[2-(1,1-dimethylethoxy)-2-oxoethoxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	857285-80-4
	全氟丁基磺酸N,N-二丁基-N-甲基丁烷-1-胺 (1:1) 1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,4- nonafluoro-1-butanesulfonate (1:1)	124472-66-8
	全氟丁基磺酸鋅 (2:1) (PFBS-Zn) 1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1) (PFBS-Zn)	502457-69-4
	全氟丁基磺酸N,N,N-三丙基戊烷 (1:1) 1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1- butanesulfonate (1:1)	56773-55-8
	全氟丁基磺酸四甲基銨鹽 (PFBS-N(CH ₃) ₄) Perfluorobutanesulfonic acid tetramethylammonium salt (PFBS-N(CH ₃) ₄)	25628-17-5



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群組名稱	物質名稱	CAS No.
(Group Name)	(Substance Name)	
	全氟丁烷磺酸酐 1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, 1,1'-anhydride	36913-91-4
	全氟丁基磺酸鹽	45187-15-3
	Perfluorobutane sulfonate (anion)	
	1-(4-丁氧基-1-萘基)四氫噻吩鎓-1,1,2,2,3,3,4,4,4-九氟-1-丁磺酸 鹽 1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium - 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate	EC No. 468-770-4
	1-丁磺酸·1,1,2,2,3,3,4,4,4-九氟-化合物與 N,N-二乙基乙胺 (1:1) 1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, compd. with N,N-diethylethanamine (1:1)	182059-38-7
PFBS, 及其鹽&衍生物 (PFBS, its salts & derivatives)	1-辛銨·N-(2-羥乙基)-N,N-二甲基-與1,1,2,2,3,3,4,4,4-九氟-1-丁 磺酸鹽 (1:1) 1-Octanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	334529-55-4
	1-十六烷基-1,1,2,2,3,3,4,4,4-九氟-1-丁磺酸吡啶鎓 (1:1) Pyridinium, 1-hexadecyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1- butanesulfonate (1:1)	334529-62-3
	1-丁基-1,1,2,2,3,3,4,4,4-九氟-1-丁磺酸吡啶鎓鹽 (1:1) Pyridinium, 1-butyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1- butanesulfonate (1:1)	334529-64-5
	1-辛胺·N-甲基-N,N-二辛基-·1,1,2,2,3,3,4,4,4-九氟-1-丁磺酸鹽 (1:1) 1-Octanaminium, N-methyl-N,N-dioctyl-, 1,1,2,2,3,3,4,4,4- nonafluoro-1-butanesulfonate (1:1)	495417-51-1
	三(4-甲基苯基)鍺全氟丁磺酸鹽 Sulfonium, tris(4-methylphenyl)-, 1,1,2,2,3,3,4,4,4-nonafluoro- 1-butanesulfonate (1:1)	722538-68-3
	全氟戊酸 (Perfluoropentane acid) (PFPA)	2706-90-3
	全氟戊酸鈉 (PFPA-Na) Sodium perfluoropentanoate (PFPA-Na)	2706-89-0
PFPA, 及其鹽 (PFPA, its salts)	全氟戊酸鉀 (PFPA-K) Potasium perfluoropentanoate (PFPA-K)	336-23-2
	全氟戊酸銨 (PFPA-NH ₄) Ammonium perfluoropentanoate (PFPA-NH ₄)	68259-11-0
	全氟戊酸鋰 (PFPA-Li) Lithium perfluoropentanoate (PFPA-Li)	198482-22-3
	全氟戊酸銀 (PFPA-Ag) Silver perfluoropentanoate (PFPA-Ag)	2795-30-4

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
PFPA, 及其鹽 (PFPA, its salts)	全氟戊酸鹽 Perfluoropentanoate (anion)	45167-47-3
	全氟戊酸與苯甲基硫代氨基甲酸酯 $(1:1)$ (PFPeA- $C_8H_{10}N_2S$) Pentanoic acid, 2,2,3,3,4,4,5,5,5-nonafluoro-, compd. with phenylmethyl carbamimidothioate $(1:1)$ (PFPeA- $C_8H_{10}N_2S$)	64808-55-5
	全氟戊酸酐 (PFPeAA) Nonafluoropentanoic anhydrid (PFPeAA)	308-28-1
	全氟己酸 (Perfluorohexane acid) (PFHxA)	307-24-4
	全氟已酸銨 (PFHxA-NH ₄) Ammonium perfluorohexanoate (PFHxA-NH ₄)	21615-47-4
	全氟已酸鈉 (PFHxA-Na) Sodium perfluorohexanoate (PFHxA-Na)	2923-26-4
	全氟已酸鉀 (PFHxA-K) Potassium perfluorohexanoate (PFHxA-K)	3109-94-2
	全氟己酸氟 (PFHxA-F) Perfluorohexanoyl fluoride (PFHxA-F)	355-38-4
	全氟己酸銀 (PFHxA-Ag) Silver perfluorohexanoate (PFHxA-Ag)	336-02-7
	全氟己酸鋰 (PFHxA-Li) Lithium perfluorohexanoate (PFHxA-Li)	90430-61-8
PFHxA, 及其鹽&衍生物 (PFHxA, its salts & derivatives)	全氟己酸酐 Perfluorohexanoic anhydride	308-13-4
	全氟己酸哌嗪 (2:1) Hexanoic acid, undecafluoro-, compd. with piperazine (2:1)	423-47-2
	全氟己酸鹽 Perfluorohexanoate (anion)	92612-52-7
	全氟己酰氯 (PFHxA-Cl) Perfluorohexanoyl chloride (PFHxA-Cl)	335-53-5
	全氟已酸與1-己胺 (1:1) (PFHxA- $C_6H_{15}N$) Hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-, compd. with 1-hexanamine (1:1) (PFHxA- $C_6H_{15}N$)	565225-91-4
	全氟已酸與 1 -苯基哌嗪 (1:1) (PFHxA- $C_{10}H_{14}N_2$) Hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-, compd. with 1-phenylpiperazine (1:1) (PFHxA- $C_{10}H_{14}N_2$)	985-60-4



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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	1H,1H,2H,2H-全氟辛磺酸 (1H,1H,2H,2H- Perfluorooctanesulphonic acid) (6:2 FTS)	27619-97-2
	1H, 1H, 2H, 2H-全氟辛烷磺酸鈉 (6:2 FTS-Na) Sodium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-Na)	27619-94-9
	1H, 1H, 2H, 2H-全氟辛烷磺酸鉀 (6:2 FTS-K) Potassium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-K)	59587-38-1
6:2 FTS, 及其鹽 (6:2 FTS, its salts)	1H, 1H, 2H, 2H-全氟辛烷磺酸銨 (6:2 FTS-NH ₄) Ammonium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-NH ₄)	59587-39-2
	1H, 1H, 2H, 2H-全氟辛烷磺酸銨鋇 (6:2 FTS-Ba) 1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-, barium salt (2:1) (6:2 FTS-Ba)	1807944-82-6
	1H,1H,2H,2H-全氟辛磺酸鹽 (6:2 FTS(anion)) 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctane-1-sulfonate (6:2 FTS(anion))	425670-75-3
	全氟己基磺酸 (Perfluorohexane sulfonate) (PFHxS)	355-46-4
	全氟己基磺酸鈉 (PFHxS-Na) Perfluorohexanesulfonate Na-salt (PFHxS-Na)	82382-12-5
	全氟己基磺酸鉀 (PFHxS-K) Perfluorohexanesulfonate K-salt (PFHxS-K)	3871-99-6
	全氟己基磺酸銨 (PFHxS-NH ₄) Ammonium perfluorohexanesulfonate (PFHxS-NH ₄)	68259-08-5
	全氟己基磺酸鋰 (PFHxS-Li) Perfluorohexanesulfonate Li-salt (PFHxS-Li)	55120-77-9
PFHxS, 及其鹽&衍生物	全氟己基磺酸鋅 (PFHxS-Zn) Perfluorohexanesulfonate Zn-salt (PFHxS-Zn)	70136-72-0
(PFHxS, its salts & derivatives)	全氟己基磺醯氟 (PFHxS-F) Perfluorohexanesulfonate sulfonyl fluoride (PFHxS-F)	423-50-7
	三苯基(苯甲基)磷-, 1,1,2,2,3,3,4,4,5,5,6,6,6,6-十三氟-1-己烷磺酸鹽 (1:1) Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
	N,N,N-三丁基-1-丁銨與十三氟-1-己烷磺酸的鹽 N,N,N-tributyIbutan-1-aminium tridecafluorohexane-1- sulfonate	108427-54-9
	N,N,N-三乙基乙銨與十三氟-1-己烷磺酸的鹽 (1:1) N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate (1:1)	108427-55-0

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群組名稱	物質名稱	CAS No.
(Group Name)	(Substance Name)	
	1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸與吡咯烷的化合物 (1:1) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)	1187817-57-7
	N-[4-[[4-(二乙基氨基)苯基][4-(乙基氨基)-1-萘基]亞甲基]-2,5-環 己二-1-基]-N-乙基乙銨,1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺 酸鹽 (1:1) Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4- (ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien- 1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1- hexanesulfonate (1:1)	1310480-24-0
PFHxS, 及其鹽&衍生物	N-[4-[[4-(二甲基氨基)苯基][4-(乙基氨基)-1-萘基]亞甲基]-2,5-環己二-1-基]-N-甲基甲銨,1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸鹽 (1:1) Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-27-3
(PFHxS, its salts & derivatives)	N-[4-[[4-(二甲基氨基)苯基][4-(苯基氨基)-1-萘基]亞甲基]-2,5-環己二-1-基]-N-甲基甲銨,1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸鹽 (1:1) Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-28-4
	β-環糊精, 與1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸離子(1-)的 化合物 (1:1) Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-1-hexanesulfonic acid ion(1-) (1:1)	1329995-45-0
	γ-環糊精, 與1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸離子(1-)的 化合物 (1:1) Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-1-hexanesulfonic acid ion(1-) (1:1)	1329995-69-8
	三苯基锍,1,1,2,2,3,3,4,4,5,5,6,6,6,6-十三氟-1-己烷磺酸鹽 (1:1) Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	144116-10-9



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群組名稱	物質名稱	CAS No.
(Group Name)	(Substance Name)	
	喹啉鎓,1-(羧甲基)-4-[2-[4-[4-(2,2-二苯基乙烯基)苯基]-1,2,3,3a,4,8b-六氫環戊[b]吲哚-7-基]乙烯基]-,1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸鹽 (1:1) Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1462414-59-0
	二苯基碘鎓,1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸鹽 (1:1) lodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	153443-35-7
	N,N,N-三甲基甲銨與1,1,2,2,3,3,4,4,5,5,6,6,6,6-十三氟-1-己烷磺酸 的鹽 (1:1) Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	189274-31-5
PFHxS, 及其鹽&衍生物	1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸與2-甲基-2-丙胺的化合物 (1:1) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1)	202189-84-2
(PFHxS, its salts & derivatives)	雙[4-(1,1-二甲基乙基)苯基]碘鎓, 1,2,2,3,3,4,4,5,5,6,6,6 -十三氟-1- 己烷磺酸鹽 (1:1) lodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	213740-81-9
	1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸鎵鹽 (9CI) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI)	341035-71-0
	雙(4-甲基苯基)苯基硫磺酸1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷 磺酸鹽 (1:1) Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	341548-85-4
	1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸鈧(3+)鹽 (3:1) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1) (PFHxS-Sc)	350836-93-0
	1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸釹(3+)鹽 (3:1) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1) (PFHxS-Nd)	41184-65-0



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群組名稱	物質名稱	CAS No.
(Group Name)	(Substance Name)	
	1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸釔(3+)鹽 (3:1) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1) (PFHxS-Y)	41242-12-0
	(硫代二-4,1-亞苯基)雙[二苯基硫鹽與1,1,2,2,3,3,4,4,5,5,6,6,6-十三 氟-1-己烷磺酸 (1:2) Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)	421555-73-9
	雙[4-(1,1-二甲基丙基)苯基]碘鎓鹽與1,1,2,2,3,3,4,4,5,5,6,6,6-十三 氟-1-己烷磺酸 lodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid	421555-74-0
	三[4-(1,1-二甲基乙基)苯基]锍-,1,1,2,2,3,3,4,4,5,5,6,6,6,6-十三氟- 1-己烷磺酸鹽 (1:1) Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	425670-70-8
PFHxS, 及其鹽&衍生物 (PFHxS, its salts & derivatives)	十三氟己烷磺酸與二乙醇胺的化合物 Tridecafluorohexanesulphonic acid, compound with 2,2'- iminodiethanol (1:1)	70225-16-0
(TTIKS, Its saits & defivatives)	1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸與N·N-二乙基乙胺的 化合物 (1:1) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	72033-41-1
	雙[(1,1-二甲基乙基)苯基]碘鎓鹽-與1,1,2,2,3,3,4,4,5,5,6,6,6-十三 氟-1-己烷磺酸 (1:1) (9Cl) lodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9Cl)	866621-50-3
	(4-甲基苯基)二苯基锍-,1,1,2,2,3,3,4,4,5,5,6,6,6,6-十三氟-1-己烷磺酸鹽 (1:1) Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	910606-39-2
	[4-[(2-甲基-1-氧-2-丙烯-1-基)氧基]苯基]二苯基锍- ,1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸鹽 (1:1) Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1- yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- 1-hexanesulfonate (1:1)	911027-68-4

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸銫鹽 (1:1) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1) (PFHxS-CsH)	92011-17-1
	二苯並[k,n][1,4,7,10,13]四氧噻吩基環戊二烯鎓,19-[4-(1,1-二甲基乙基)苯基]-6,7,9,10,12,13-六氫-,1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸鹽 (1:1) Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	928049-42-7
	全氟己基磺酸氯 (PFHxS-Cl) Perfluorohexylsulfonyl chloride (PFHxS-Cl)	55591-23-6
PFHxS, 及其鹽&衍生物 (PFHxS, its salts & derivatives)	PFHxS-磺酸酯聚合物 Sulfonium, [4-[(2-methyl-1-oxo-2- propenyl)oxy]phenyl]diphenyl-, salt with1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.13,7]dec-2-yl 2- methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.13,7]dec-1-yl 2- methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2- methyl-2-propenoate	911027-69-5
	全氟己基磺酸鹽 Perfluorohexane sulfonate (anion)	108427-53-8
	十三氟己烷-1-磺酸四丁基鳞 (PFHxS-P (C4H9)4)) Tetrabutylphosphonium tridecafluorohexane-1-sulfonate (PFHxS-P (C4H9)4))	2310194-12-6
	N-乙基-N-[(十三氟己基)磺醯基]甘氨酸 (Glycine, N-ethyl-N- [(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]) (EtFHxSAA)	68957-32-4
EtFHxSAA, 及其鹽 (EtFHxSAA, its salts)	N-乙基-N-[(十三氟己基)磺醯基]甘氨酸鉀 (EtFHxSAA-K) Potassium N-ethyl-n-[(tridecafluorohexyl)sulfonyl]glycinate (EtFHxSAA-K)	67584-53-6
	N-乙基-N-((十三氟己基)磺醯基)甘氨酸鈉 (EtFHxSAA-Na) Sodium N-ethyl-N-((tridecafluorohexyl)sulphonyl)glycinate (EtFHxSAA-Na)	68555-70-4



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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	全氟庚酸 (Perfluoroheptane acid) (PFHpA)	375-85-9
	全氟庚酸鈉 (PFHpA-Na) Sodium perfluoroheptanoate (PFHpA-Na)	20109-59-5
	全氟庚酸鉀 (PFHpA-K) Potassium perfluoroheptanoate (PFHpA-K)	21049-36-5
DELLAA 互甘降	全氟庚酸銨 (PFHpA-NH ₄) Ammonium perfluoroheptanoate (PFHpA-NH ₄)	6130-43-4
PFHpA, 及其鹽 (PFHpA, its salts)	全氟庚酸銫 (PFHpA-Cs) Cesium perfluoroheptanoate (PFHpA-Cs)	171198-24-6
	全氟庚酸銀 (PFHpA-Ag) Silver perfluoroheptanoate (PFHpA-Ag)	424-05-5
	全氟庚酸鋰 (PFHpA-Li) Lithium perfluoroheptanoate (PFHpA-Li)	60871-90-1
	全氟庚酸鹽 Perflluoroheptanoate (anion)	120885-29-2
	7H-十二氟庚酸 (7H-Dodecanefluoroheptane acid) (HPFHpA)	1546-95-8
	7H-十二氟庚酸鈉 (HPFHpA-Na) Sodium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-Na)	2264-25-7
HPFHpA, 及其鹽 (HPFHpA, its salts)	7H-十二氟庚酸銨 (HPFHpA-NH ₄) Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-NH ₄)	376-34-1
	全氟庚酸鹽 (HPFHpA(anion)) 7H-Perfluoroheptanoate (HPFHpA(anion))	69681-35-2
	全氟庚基磺酸 (Perfluoroheptane sulfonate) (PFHpS)	375-92-8
	全氟庚基磺酸鈉 (PFHpS-Na) Perfluoroheptanesulfonate Na-salt (PFHpS-Na)	21934-50-9
PFHpS, 及其鹽 (PFHpS, its salts)	全氟庚基磺酸鉀 (PFHpS-K) Potassium perfluoroheptanesulfonate (PFHpS-K)	60270-55-5
	全氟庚基磺酸銨 (PFHpS-NH ₄) Ammonium perfluoroheptanesulfonate (PFHpS-NH ₄)	68259-07-4
	全氟庚基磺酸鋰 (PFHpS-Li) Lithium perfluoroheptanesulfonate (PFHpS-Li)	117806-54-9
	全氟庚基磺酸-雙(2-羥乙基)銨 (1:1) 1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	70225-15-9

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	全氟庚基磺酸鹽 Perfluoroheptane sulfonate (anion)	146689-46-5
	全氟庚烷磺酸三乙銨 Triethylammonium perfluoroheptane sulfonate	72033-40-0
PFHpS, 及其鹽 (PFHpS, its salts)	全氟庚烷磺酸四乙銨 Tetraethylammonium perfluoroheptane sulfonate	439863-97-5
	1-庚磺酸 · 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-十五氟酸酐 (9CI) (PFHpSA) 1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoro-, anhydride (9CI) (PFHpSA)	140429-92-1
	全氟辛烷磺酸 (Perfluorooctane sulfonates) (PFOS)	1763-23-1
	全氟辛基磺酸鉀 (PFOS-K) Potassium perfluorooctanesulfonate (PFOS-K)	2795-39-3
	全氟辛基磺酸鋰 (PFOS-Li) Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5
	全氟辛基磺酸銨 (PFOS-NH ₄) Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH ₄)	29081-56-9
	全氟辛基磺酸二乙醇銨 (PFOS-NH(OH) ₂) Perfluorooctane sulfonate diethanolamine salt (PFOS- NH(OH) ₂)	70225-14-8
PFOS, 及其鹽&衍生物	全氟辛基磺酸四乙基銨 (PFOS-N(C_2H_5) $_4$) Perfluorooctanesulfonic acid,tetraethylammonium salt (PFOS-N(C_2H_5) $_4$)	56773-42-3
(PFOS, its salts & derivatives)	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)	251099-16-8
	全氟辛基磺酸四丁基銨 (PFOS-N(C_4H_9) $_4$) TetrabutylAmmonium perfluorooctanesulfonate (PFOS-N(C_4H_9) $_4$)	111873-33-7
	全氟辛基磺醯氟 (POSF) Perfluorooctane sulfonyl fluoride (POSF)	307-35-7
	全氟辛基磺酸鎂 (PFOS-Mg) Perfluorooctanesulfonic acid, magnesium salt (PFOS-Mg)	91036-71-4
	全氟辛基磺酸鈉 (PFOS-Na) Perfluorooctanesulfonic acid, sodium salt (PFOS-Na)	4021-47-0



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台中市大甲區幼獅工業區青年路159號 (NO. 159, CHINGNIAN RD., TACHIA (437), TAICHUNG CITY, TAIWAN)

群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	全氟辛烷磺酸哌啶 Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluorooctanesulfonate	71463-74-6
	全氟辛烷磺酸鹽 Perfluorooctanesulfonate (anion)	45298-90-6
	全氟辛烷磺酸與 N,N-二乙基乙胺 (1:1) (PFOS-N(C_2H_5) ₃) 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (PFOS-N(C_2H_5) ₃)	54439-46-2
	N,N,N-三甲基-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-1-辛烷磺酸甲銨(1:1) (PFOS-N(CH ₃) ₄) Methanaminium, N,N,N-trimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1- octanesulfonate (1:1) (PFOS-N(CH ₃) ₄)	56773-44-5
PFOS, 及其鹽&衍生物 (PFOS its salts & derivatives)	1-五胺·N,N,N-三丙基-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-1 -辛烷磺酸鹽(1:1) (PFOS-N(C ₃ H ₇) ₃ (C ₅ H ₁₁)) 1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1- octanesulfonate (1:1) (PFOS-N(C ₃ H ₇) ₃ (C ₅ H ₁₁))	56773-56-9
(PFOS, its salts & derivatives)	1-丁銨·N,N-二丁基-N-甲基-·1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- 十七氟-1-辛烷磺酸鹽 (1:1) (PFOS-N(C ₄ H ₉) ₃ (CH ₃)) 1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1- octanesulfonate (1:1) (PFOS-N(C ₄ H ₉) ₃ (CH ₃))	124472-68-0
	碘鎓・雙[4-(1,1-二甲基乙基)苯基]-・1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8 - 十七氟-1-辛烷磺酸鹽 (1:1) lodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	213740-80-8
	二苯基鍺(2,4,6-三甲基苯基)-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟- 1-辛烷磺酸鹽 (1:1) Sulfonium, diphenyl(2,4,6-trimethylphenyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate	258341-99-0
	吡啶鎓 · 1-十六烷基- · 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-1 - 辛烷磺酸鹽 (1:1) Pyridinium, 1-hexadecyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	334529-63-4



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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	1-癸胺·N,N,N-三乙基-·1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-1-辛 烷磺酸鹽(1:1) 1-Decanaminium, N,N,N-triethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-1-octanesulfonate (1:1)	773895-92-4
	全氟辛烷磺酸四丁基鳞 (PFOS-P(C_4H_9) $_4$)) Tetrabutylphosphonium perfluorooctane sulfonate (PFOS-P(C_4H_9) $_4$))	2185049-59-4
PFOS, 及其鹽&衍生物 (PFOS, its salts & derivatives)	全氟辛烷磺酸二乙胺鹽 (PFOS- $C_4H_{11}N$) Perfluorooctanesulfonic acid diethylamine salt (PFOS- $C_4H_{11}N$)	2205029-08-7
	庚基二甲基 $\{2-[(2-甲基丙-2-烯酰基)氧基]乙基\}$ 全氟辛烷磺酸氮紮鹽 (PFOS- $C_{15}H_{30}NO_2$) Heptyldimethyl $\{2-[(2-methylprop-2-enoyl)oxy]ethyl\}$ azanium perfluorooctanesulfonate (PFOS- $C_{15}H_{30}NO_2$)	1203998-97-3
	1-辛烷磺酸·1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-,1,1' -酸酐 (PFOSAN) 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-, 1,1'-anhydride (PFOSAN)	423-92-7
	全氟辛基磺醯胺 (Perfluoroctanesulfonamide) (PFOSA)	754-91-6
	全氟辛基磺醯胺鋰鹽 (1:1) (PFOSA-Li) Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)	76752-79-9
	全氟辛基磺醯胺鈉鹽 (1:1) (PFOSA-Na) Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)	76752-78-8
PFOSA, 及其鹽 (PFOSA, its salts)	全氟辛基磺醯胺鉀鹽 (1:1) (PFOSA-K) Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)	76752-70-0
	全氟辛基磺醯胺銨鹽 (1:1) (PFOSA-NH ₄) Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH ₄)	76752-72-2
	全氟辛基磺醯胺三乙胺的化合物(1:1) (PFOSA-C ₆ H ₁₅ N) heptadecafluorooctane-1-sulphonamide, compound with triethylamine(1:1) (PFOSA-C ₆ H ₁₅ N)	76752-82-4
	全氟辛酸 (Perfluorooctanoic acid) (PFOA)	335-67-1
PFOA, 及其鹽&衍生物 (PFOA, its salts & derivatives)	全氟辛酸鈉 (PFOA-Na) Sodium perfluorooctanoate (PFOA-Na)	335-95-5
	全氟辛酸鉀 (PFOA-K) Potassium perfluorooctanoate (PFOA-K)	2395-00-8
	全氟辛酸銀 (PFOA-Ag) Silver perfluorooctanote (PFOA-Ag)	335-93-3

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	全氟辛氟 (PFOA-F) Perfluorooctanoyl fluoride (PFOA-F)	335-66-0
	全氟辛酸銨 (APFO) Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
	全氟辛酸鋰 (PFOA-Li) Lithium perfluorooctanoate (PFOA-Li)	17125-58-5
	全氟辛酸鈷 (PFOA-Co) Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6
	全氟辛酸銫 (PFOA-Cs) Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9
	全氟辛酸鉻 (PFOA-Cr(3 $^+$)) Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium(3+) (PFOA-Cr(3 $^+$))	68141-02-6
	全氟辛酸-哌嗪(2:1) PFOA-NH($C_4H_{10}N$) Pentadecafluorooctanoic acidpiperazine (2/1)PFOA-NH($C_4H_{10}N$)	423-52-9
PFOA, 及其鹽&衍生物 (PFOA, its salts & derivatives)	全氟辛酸鹽 Pentadecafluorooctanoate (anion)	45285-51-6
(PFOA, its saits & derivatives)	全氟辛酸酐 Perfluorooctanoic Anhydride	33496-48-9
	乙銨·N,N,N-三乙基-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十五氟辛酸 (1:1) Ethanaminium, N,N,N-triethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- pentadecafluorooctanoate (1:1)	98241-25-9
	全氟辛酸四甲銨鹽 Tetramethylammoniumperfluoroctanoat	32609-65-7
	1-丙銨·N,N,N-三丙基-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十五氟辛酸 (1:1) 1-Propanaminium, N,N,N-tripropyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)	277749-00-5
	辛酸·2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十五氟-鉀鹽·水合物 (1:1:2) (PFOA-K(H ₂ O) ₂) Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, potassium salt, hydrate (1:1:2) (PFOA-K(H ₂ O) ₂)	98065-31-7



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群組名稱	物質名稱	CAS No.
(Group Name)	(Substance Name)	
	辛酸·2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十五氟-·化合物。與乙胺 (1:1) (PFOA-C ₂ H ₇ N) Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, compd. with ethanamine (1:1) (PFOA-C ₂ H ₇ N)	1376936-03-6
PFOA, 及其鹽&衍生物	十五氟辛酸化合物與吡啶 (1:1) (9CI) (PFOA- C_5H_5N) Octanoic acid, pentadecafluoro-, compd. with pyridine (1:1) (9CI) (PFOA- C_5H_5N)	95658-47-2
(PFOA, its salts & derivatives)	十五氟辛酸-1-苯基哌嗪(1:1) (PFOA- $C_{10}H_{14}N_2$) Pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1) (PFOA- $C_{10}H_{14}N_2$)	1514-68-7
	1-辛胺·N,N,N-三甲基-·2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十五氟辛酸 (1:1) (PFOA- C ₁₁ H ₂₆ N) 1-Octanaminium, N,N,N-trimethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1) (PFOA- C ₁₁ H ₂₆ N)	927835-01-6
	1H,1H,2H,2H-全氟癸磺酸 (1H,1H,2H,2H- Perfluorodecanesulfonic acid) (8:2 FTS)	39108-34-4
	1H, 1H, 2H, 2H-全氟癸磺酸鉀 (8:2 FTS-K) 1H,1H,2H,2H-Perfluorodencane sulfonate acid Potassium salt (8:2 FTS-K)	438237-73-1
8:2 FTS, 及其鹽 (8:2 FTS, its salts)	1H, 1H, 2H, 2H-全氟癸磺酸銨 (8:2 FTS-NH ₄) 1H,1H,2H,2H-Perfluorodencane sulfonate acid Ammonium salt (8:2 FTS-NH ₄)	149724-40-3
	1H, 1H, 2H, 2H-全氟癸磺酸鈉 (8:2 FTS-Na) 1H,1H,2H,2H-Perfluorodencane sulfonate acid Sodium salt (8:2 FTS-Na)	27619-96-1
	1H,1H,2H,2H-全氟癸磺酸鹽 (8:2 FTS(anion)) 8: 2 Fluorotelomer sulfonate (anion) (8:2 FTS(anion))	481071-78-7
	全氟壬酸 (Perfluorononan-1-oic acid) (PFNA)	375-95-1
	全氟壬酸鈉 (PFNA-Na) Perfluorononanoate Na-salt (PFNA-Na)	21049-39-8
PFNA, 及其鹽	全氟壬酸銨 (APFN) Perfluorononanoate ammounium salt (APFN)	4149-60-4
(PFNA, its salts)	全氟壬酸鉀 (PFNA-K) Potassium perfluorononanoate (PFNA-K)	21049-38-7
	全氟壬酸鋰 (PFNA-Li) Perfluorononanoate Li-Salt (PFNA-Li)	60871-92-3

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群組名稱	物質名稱	CAS No.
(Group Name)	(Substance Name)	
	全氟壬酸銀 (PFNA-Ag) Silver perfluorononanoate (PFNA-Ag)	7358-16-9
	全氟壬酸甲烷銨 (PFNA-NH ₃ (CH ₃)) Methanaminium perfluorononanoate (PFNA-NH ₃ (CH ₃))	77032-23-6
	全氟壬酸-N-乙基乙胺 (1:1) (PFNA-NH $_2$ (C $_2$ H $_5$) $_2$)) Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-ethylethanamine (1:1) PFNA-NH $_2$ (C $_2$ H $_5$) $_2$)	77032-27-0
	全氟壬酸-N-甲基甲胺 (1:1) (PFNA-NH ₂ (CH ₃) ₂) Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-methylmethanamine (1:1) (PFNA-NH ₂ (CH ₃) ₂)	77032-24-7
	全氟壬酸-N·N-二乙基乙醯胺 (1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃)) Nonanoic acid, heptadecafluoro-, compd. with N,N- diethylethanamine (1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃)	327176-80-7
PFNA, 及其鹽 (PFNA, its salts)	全氟壬酸-哌啶 (1:1) (9CI) (PFNA-NH $_2$ (C $_5$ H $_10$)) Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-NH $_2$ (C $_5$ H $_10$))	95682-66-9
	全氟壬酸-苯胺 (1:1) (PFNA-NH $_3$ (C $_6$ H $_5$)) Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH $_3$ (C $_6$ H $_5$))	95682-67-0
	全氟壬酸-環己胺 (1:1) (9CI) ((PFNA-NH ₃ (C ₆ H ₁₁)) Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-NH ₃ (C ₆ H ₁₁))	328531-06-2
	全氟壬酸鹽 Perfluorononanoate (anion)	72007-68-2
	4-[(6-甲氧基-3-噠嗪基)氨磺酰基]苯銨十七氟壬酸酯 (PFNA-C _{1.1} H _{1.2} N ₄ O ₃ S) 4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C _{1.1} H _{1.2} N ₄ O ₃ S)	298703-33-0
	全氟壬酸酐 (PFNAA) Perfluorononanoic anhydride (PFNAA)	228407-54-3
	全氟癸酸 (Perfluorodecane acid) (PFDA)	335-76-2
PFDA, 及其鹽 (PFDA, its salts)	全氟癸酸鈉 (PFDA-Na) Perfluorodecanoate Na-salt (PFDA-Na)	3830-45-3
	全氟癸酸氨 (APFDA) Perfluorodecanoate ammonium salt (APFDA)	3108-42-7
	全氟癸酸鉀 (PFDA-K*) Potassium perfluorodecanoate (PFDA-K*)	51604-85-4

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	全氟癸酸銀 (PFDA-Ag) Silver perfluorodecanoate (PFDA-Ag)	5784-82-7
PFDA, 及其鹽	全氟癸酸鋰 (PFDA-Li) Lithium perfluorodecanoate (PFDA-Li)	84743-32-8
(PFDA, its salts)	全氟癸酸鹽 Perfluorodecanoate (anion)	73829-36-4
	全氟癸酸酐 (PFDAA) Perfluorodecanoic anhydride (PFDAA)	942199-24-8
	全氟十一烷酸 (Perfluoroundecanoic acid) (PFUnDA)	2058-94-8
	全氟十一烷酸銨 (PFUnDA-NH ₄) Ammonium perfluoroundecanoate (PFUnDA-NH ₄)	4234-23-5
DELIADA Z 甘麻	全氟十一烷酸鈉 (PFUnDA-Na) Perfluoroundecanoic acid sodium salt (PFUnDA-Na)	60871-96-7
PFUnDA, 及其鹽 (PFUnDA, its salts)	全氟十一烷酸鉀 (PFUnDA-K) Potassium perfluoroundecanoate (PFUnDA-K)	30377-53-8
	全氟十一烷酸鈣 (PFUnDA-Ca) Calcium perfluoroundecanoate (PFUnDA-Ca)	97163-17-2
	全氟十一烷酸鹽 Perfluoroundecanoate (anion)	196859-54-8
	全氟十二烷酸 (Perfluorododecanoic acid) (PFDoDA)	307-55-1
PFDoDA, 及其鹽	全氟十二烷酸銨 (APFDoDA) Ammonium perfluorododecanoate (APFDoDA)	3793-74-6
(PFDoDA, its salts)	全氟十二烷酸鹽 Perfluorododecanoate (anion)	171978-95-3
	全氟十三烷酸 (Pentacosafluorotridecanoic acid) (PFTrDA)	72629-94-8
	全氟十三烷酸銨 (PFTrDA-NH ₄) Ammonium perfluorotridecanoate (PFTrDA-NH ₄)	4288-72-6
PFTrDA, 及其鹽 (PFTrDA, its salts)	全氟十三烷酸鈉 (PFTrDA-Na) Sodium perfluorotridecanoate (PFTrDA-Na)	60872-01-7
	全氟十三烷酸鹽 Perfluorotridecanoate (anion)	862374-87-6
	全氟十四烷酸 (Perfluorotetradecanoic acid) (PFTDA)	376-06-7
PFTDA, 及其鹽 (PFTDA, its salts)	全氟十四烷酸鹽 Perfluorotetradecanoate (anion)	365971-87-5



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陸昌化工股份有限公司 (PAN-CONTINENTAL CHEMICAL CO., LTD.)

台中市大甲區幼獅工業區青年路159號 (NO. 159, CHINGNIAN RD., TACHIA (437), TAICHUNG CITY, TAIWAN)

群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
10:2 FTS, 及其鹽 (10:2 FTS, its salts)	1H,1H,2H,2H-全氟十二烷磺酸 (1H,1H,2H,2H- Perfluorododecane sulfonic acid) (10:2 FTS)	120226-60-0
	1H,1H,2H,2H-全氟十二烷磺酸鈉鹽 (10:2 FTS-Na) 1H,1H,2H,2H-Perfluorododecane sulfonic acid Sodium Salt (10:2 FTS-Na)	108026-35-3
	全氟壬烷磺酸 (Perfluorononane sulfonic acid) (PFNS)	68259-12-1
	全氟壬烷磺酸鈉 (PFNS-Na*) Sodium perfluoro-1-nonanesulfonate (PFNS-Na*)	98789-57-2
PFNS, 及其鹽	全氟壬烷磺酸銨 (PFNS-NH ₄) Ammonium nonadecafluorononanesulphonate (PFNS-NH ₄)	17202-41-4
(PFNS, its salts)	全氟壬烷磺酸鉀 (PFNS-K*) Potassium perfluorononanesulfonate (PFNS-K*)	29359-39-5
	全氟壬烷磺酸鹽 Perfluorononane sulfonate (anion)	474511-07-4
DELL D.C. 77 +1 105	全氟十一烷磺酸 (Perfluoroundecane sulfonic acid) (PFUnDS)	749786-16-1
PFUnDS, 及其鹽 (PFUnDS, its salts)	全氟十一烷磺酸鹽 Perfluoroundecanesulfonate (anion)	441296-91-9
	全氟十二烷磺酸 (Perfluorododecane sulfonic acid) (PFDoDS)	79780-39-5
	全氟十二烷磺酸鈉 (PFDoDS-Na*) Sodium perfluoro-1-dodecanesulfonate (PFDoDS-Na*)	1260224-54-1
PFDoDS, 及其鹽 (PFDoDS, its salts)	全氟十二烷磺酸鉀 (PFDoDS-K) Potassium perfluorododecanesulfonate (PFDoDS-K)	85187-17-3
	全氟十二烷磺酸鹽 Perfluorododecane sulfonate (anion)	343629-43-6
DET DC 77 H ##	全氟十三烷磺酸 (Perfluorotridecane sulfonic acid) (PFTrDS)	791563-89-8
PFTrDS, 及其鹽 (PFTrDS, its salts)	全氟十三烷磺酸鈉 (PFTrDS-Na*) Sodium perfluoro-1-tridecanesulfonate (PFTrDS-Na*)	174675-49-1
	雙[2-(全氟癸基)乙基]磷酸鹽 (10:2 Fluortelomerphosphatediester) (10:2 diPAP)	1895-26-7
10:2 diPAP, 及其鹽 (10:2 diPAP, its salts)	雙[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-二十一氟十二烷基]磷酸氫鹽化合物與 2,2'-亞氨基二乙醇 (1:1) (10:2 diPAP-C ₄ H ₁₁ O ₂) bis[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafluorododecyl] hydrogen phosphate, compound with 2,2'-iminodiethanol (1:1) (10:2 diPAP-C ₄ H ₁₁ O ₂)	57677-98-2



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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
10:2 monoPAP, 及其鹽	單[2-(全氟癸基)乙基]磷酸酯 (10:2 Fluortelomerphosphatemonoester) (10:2 monoPAP)	57678-05-4
(10:2 monoPAP, its salts)	單[2-(全氟癸基)乙基]磷酸雙銨鹽 10:2 Fluorotelomer diammonium dihydrogen phosphate	93857-45-5
DED DA 71 H K	全氟十五烷酸 (Perfluoropentadecanoic acid) (PFPeDA, C15)	141074-63-7
PFPeDA, 及其鹽 (PFPeDA, its salts)	全氟十五烷酸鹽 (PFPeDA (anion)) Nonacosafluoropentadecanoate (PFPeDA (anion))	1214264-29-5
	全氟十六烷酸 (Perfluorohexadecanoic acid) (PFHxDA, C16)	67905-19-5
PFHxDA, 及其鹽 (PFHxDA, its salts)	全氟十六烷酸鹽 (PFHxDA (anion)) Hentriacontafluorohexadecanoate anion (PFHxDA (anion))	1214264-30-8
DEODA 77 ++ 154	全氟十八烷酸 (Perfluorooctadecanoic acid) (PFODA, C18))	16517-11-6
PFODA, 及其鹽 (PFODA, its salts)	全氟十八烷酸鹽 (PFODA (anion)) Perfluorooctadecanoate anion (PFODA (anion))	798556-82-8
	全氟癸烷磺酸 (Perfluorodecane sulfonate) (PFDS)	335-77-3
	全氟癸烷磺酸鈉 (PFDS-Na) Perfluorodecanesulfonate Na-salt (PFDS-Na)	2806-15-7
	全氟癸烷磺酸鉀 (PFDS-K) Perfluorodecanesulfonate K-salt (PFDS-K)	2806-16-8
PFDS, 及其鹽 (PFDS, its salts)	全氟癸基磺酸銨 (PFDS-NH ₄) Perfluoroaliphatic dean-sulfonate salt of NH ₄ (PFDS-NH ₄)	67906-42-7
	全氟癸基磺酸鹽 Perfluorodecane sulfonate (anion)	126105-34-8
	全氟癸磺酸酐 (PFDSA) Perfluorodecane sulfonic anhydride (PFDSA)	51667-62-0
110050 A 77 ++ 105	2H,2H-全氟癸酸 (2H,2H-Perfluorodecane acid) (H2PFDA)	27854-31-5
H2PFDA, 及其鹽 (H2PFDA, its salts)	四丁基磷2H,2H-全氟癸酸酯 Tetrabutylphosphonium 2H,2H-Perfluorodecanoate	882489-14-7
	4,8-二氧雜-3H-全氟壬酸 (4,8-Dioxa-3H-perfluorononanoic acid) (ADONA)	919005-14-4
ADONA, 及其鹽 (ADONA, its salts)	4,8-二氧雜-3H-全氟壬酸銨 (ADONA-NH ₄) Ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA-NH ₄)	958445-44-8
	4,8-二氧雜-3H-全氟壬酸鈉 (ADONA-Na) Sodium 4,8-dioxa-3H-perfluorononanoate (ADONA-Na)	2250081-67-3



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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
•	2,3,3,3-四氟-2-(七氟丙氧基)丙酸 (2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propionic acide) (HFPO-DA)	13252-13-6
	丙酸 · 2,3,3,3-四氟-2-(1,1,2,2,3,3,3-七氟丙氧基)-(2R)- Propanoic acid, 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3- heptafluoropropoxy)-(2R)-	75579-39-4
	丙酸・2,3,3,3-四氟-2-(1,1,2,2,3,3,3-七氟丙氧基)-(2S)- Propanoic acid, 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3- heptafluoropropoxy)-(2S)-	75579-40-7
	2,3,3,3-四氟-2-(七氟丙氧基)丙酸鉀 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionicacid, K-salts	67118-55-2
	2,3,3,3-四氟-2-(七氟丙氧基)丙酸銨 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionicacid, ammonium salts	62037-80-3
	丙酸 · 2,3,3,3-四氟-2-(1,1,2,2,3,3,3-七氟丙氧基)-鈉鹽 (1:1) Propanoic acid, 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3- heptafluoropropoxy)-, sodium salt (1:1)	67963-75-1
HFPO-DA, 及其鹽&衍生物 (HFPO-DA, its salts & derivatives)	丙酸・2,3,3,3-四氟-2-(1,1,2,2,3,3,3-七氟丙氧基)- · 離子(1-) Propanoic acid, 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-, ion(1-)	122499-17-6
	2,3,3,3-四氟-2-(七氟丙氧基)丙酸化合物與 N-丙基-1-丙胺 (1:1) Propanoic acid, 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3- heptafluoropropoxy)-, compd. with N-propyl-1-propanamine (1:1)	165951-17-7
	2,3,3,3-四氟-2-(七氟丙氧基)丙酸化合物與 N,N-二乙基乙胺 (1:1) (9Cl) Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, compd. with N,N-diethylethanamine (1:1) (9Cl)	165951-18-8
	4-[(6-甲氧基-3-噠嗪基)氨磺酰]2,3,3,3-四氟-2-(七氟丙氧基)丙酸苯 銨 4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3- tetrafluoro-2-(heptafluoropropoxy)propanoate	298703-31-8
	2,3,3,3-四氟-2-(七氟丙氧基)丙酸醯基氟化物 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionicacid, its acyl halides	2062-98-8



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群組名稱	物質名稱	CAS No.
(Group Name)	(Substance Name)	
HFPO-DA, 及其鹽&衍生物 (HFPO-DA, its salts & derivatives)	苯甲酸 \cdot 2,3,6-三碘-,(1-甲基-3-哌啶基)甲酯化合物與 2,3,3,3-四氟-2-(1,1,2,2,3,3,3-七氟丙氧基)丙酸酯 (1:1) (HFPO- $C_{14}H_{16}l_3NO_2$) Benzoic acid, 2,3,6-triiodo-, (1-methyl-3-piperidinyl)methyl ester, compd. with 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoro propoxy)propanoate (1:1) (HFPO- $C_{14}H_{16}l_3NO_2$)	2412106-69-3
	1H,1H,2H,2H-全氟己磺酸 (1H,1H,2H,2H- Perfluorohexanesulfonic acid) (4:2 FTS)	757124-72-4
4:2 FTS, 及其鹽 (4:2 FTS, its salts)	1H,1H,2H,2H-全氟己烷磺酸鈉 1H,1H,2H,2H-perfluorohexane sulfonate acid sodium salt	27619-93-8
	1H,1H,2H,2H-全氟己磺酸鹽 (4:2FTS(anion)) 4: 2 Fluorotelomer sulfonate (4:2FTS(anion))	414911-30-1
	全氟辛烷磺酰胺乙酸 (Perfluorooctane sulfonamidoacetic acid) (FOSAA)	2806-24-8
	全氟辛烷磺酰胺乙酸鹽 (FOSAA(anion)) N-[(Perfluorooctyl)sulfonyl]glycinate (FOSAA(anion))	909405-47-6
FOSAA, 及其鹽 (FOSAA, its salts)	全氟辛烷磺酰胺乙酸鉀 (FOSAA-K) N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K)	75260-69-4
	全氟辛烷磺酰胺乙酸鈉 (FOSAA-Na) N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1) (FOSAA-Na)	115716-87-5
	N-甲基全氟辛烷磺酰胺乙酸 (N-methylperfluorooctane sulfonamidoacetic acid) (N-MeFOSAA)	2355-31-9
N-MeFOSAA, 及其鹽 (N-MeFOSAA, its salts)	N-甲基全氟辛烷磺酰胺乙酸鹽 (N-Me-FOSAA(anion)) 2-(N-Methylperfluorooctanesulfonamido)acetate (N-Me-FOSAA(anion))	909405-48-7
	N-甲基全氟辛烷磺酰胺乙酸鉀 (N-Me-FOSAA-K) Potassium N-((heptadecafluorooctyl)sulphonyl)-N- methylglycinate (N-Me-FOSAA-K)	70281-93-5



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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
N-EtFOSAA, 及其鹽 (N-EtFOSAA, its salts)	N-乙基全氟辛烷磺酰胺乙酸 (N-ethylperfluorooctane sulfonamidoacetic) (N-EtFOSAA)	2991-50-6
	N-乙基全氟辛烷磺酰胺乙酸鉀 (N-Et-FOSAA-K) Potassium N-ethyl-N- ((heptadecafluorooctyl)sulphonyl)glycinate (N-Et-FOSAA-K)	2991-51-7
	N-乙基全氟辛烷磺酰胺乙酸鹽 (N-Et-FOSAA(anion)) 2-(N-Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA(anion))	909405-49-8
	N-乙基全氟辛烷磺酰胺乙酸氨 (N-Et-FOSAA-NH4) Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-NH4)	2991-52-8
	N-乙基全氟辛烷磺酰胺乙酸鈉 (N-Et-FOSAA-Na) Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-Na)	3871-50-9
	2H,2H,3H,3H-全氟癸酸 (2H,2H,3H,3H-Perfluoroundecanoic Acid) (4HPFUnA)	34598-33-9
4HPFUnA, 及其鹽 (4HPFUnA, its salts)	2H,2H,3H,3H-全氟癸酸鉀 (H4PFUnA-K) Potassium 2H,2H,3H,3H-Perfluoroundecanoate (H4PFUnA-K)	83310-58-1
	2H,2H,3H,3H-全氟癸酸鋰 (H4PFUnA-Li) Lithium 3-(perfluorooctyl)propanoate (H4PFUnA-Li)	67304-23-8
	全氟戊磺酸 (Perfluoropentane sulfonic acid) (PFPeS)	2706-91-4
	全氟戊磺酸鈉 (PFPeS-Na*) Sodium perfluoro-1-pentanesulfonate (PFPeS-Na*)	630402-22-1
	全氟戊磺酸鉀 (PFPeS-K) Potassium perfluoropentane-1-sulphonate (PFPeS-K)	3872-25-1
PFPeS, 及其鹽	全氟戊磺酸銨 (PFPeS-NH ₄ *) Ammonium perfluoropentanesulfonate (PFPeS-NH ₄ *)	68259-09-6
(PFPeS, its salts)	全氟戊磺酸-雙(2-羥乙基)銨 Bis(2-hydroxyethyl) ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate	70225-17-1
	全氟戊磺酸鋰 (PFPeS-Li) Undecafluoropentane-1-sulfonic acid lithium salt (PFPeS-Li)	1046864-81-6
	全氟戊磺酸鹽 Perfluoropentane sulfonate (anion)	175905-36-9

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
PFPeS, 及其鹽 (PFPeS, its salts)	全氟戊磺酸三乙銨 Triethylammonium perfluoropentane sulfonate	72033-42-2
	全氟戊磺酸酐 (PFPeSA) Perfluoropentane sulfonic anhydride (PFPeSA)	161877-72-1
	9-氯十六氟-3-氧雜壬烷-1-磺酸 (9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid) (9CI-PF ₃ ONS)	756426-58-1
9CI-PF ₃ ONS, 及其鹽 (9CI-PF ₃ ONS, its salts)	9-氯十六氟-3-氧雜壬烷-1-磺酸鉀 (9Cl-PF ₃ ONS-K) Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF ₃ ONS-K)	73606-19-6
	9-氯十六氟-3-氧雜壬烷-1-磺酸銨 (9CI-PF ₃ ONS-NH ₄) Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1- sulfonate (9CI-PF ₃ ONS-NH ₄)	1383434-28-3
	11-氯二十氟-3-氧雜十一烷-1-磺酸 (11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid) (11Cl-PF ₃ OUdS)	763051-92-9
11Cl-PF ₃ OUdS, 及其鹽 (11Cl-PF ₃ OUdS, its salts)	11-氯二十氟-3-氧雜十一烷-1-磺酸鉀 (11Cl-PF ₃ OUdS-K) Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF ₃ OUdS-K)	83329-89-9
	雙(1H,1H,2H,2H-全氟癸基)磷酸酯 (Bis(1H,1H,2H,2H- Perfluorodecyl)phosphate) (8:2diPAP)	678-41-1
	雙(1H,1H,2H,2H-全氟癸基)磷酸酯鈉 (8:2diPAP-Na) Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-Na)	114519-85-6
8:2diPAP, 及其鹽 (8:2diPAP, its salts)	雙(2-羥乙基)雙((全氟辛基)乙基)磷酸氫銨 Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate	57677-97-1
(6.2411 / 11 / 165 54165)	雙[2-(全氟辛基)乙基]磷酸銨鹽 (8:2diPAP-NH ₄) Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt (8:2diPAP- NH ₄)	93776-20-6
	8:2 氟調聚物磷酸二酯離子 8:2 Fluorotelomer phosphate diester ion	1411713-91-1
	11H-全氟十一烷酸 (11H-Perfluoroundecanoic acid) (11H-PFUnDA)	1765-48-6
11H-PFUnDA, 及其鹽 (11H-PFUnDA, its salts)	11H-全氟十一烷酸鉀 (11H-PFUnDA-K) potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11- icosafluoroundecanoate (11H-PFUnDA-K)	307-71-1

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
11H-PFUnDA, 及其鹽 (11H-PFUnDA, its salts)	11H-全氟十一烷酸銨 (11H-PFUnDA-NH ₄) Ammonium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11- icosafluoroundecanoate (11H-PFUnDA-NH ₄)	5081-02-7
	11H-全氟十一烷酸鹽 (11H-PFUnDA(anion)) 11-H-Perfluoroundecanoate (11H-PFUnDA(anion))	69681-37-4
	五氟丙酸 (Pentafluoropropionate acid) (PFPrA)	422-64-0
	五氟丙酸鈉 (PFPrA-Na) Sodium pentafluoropropionate (PFPrA-Na)	378-77-8
PFPrA, 及其鹽 (PFPrA, its salts)	五氟丙酸銀 (PFPrA-Ag) Silver pentafluoropropionate (PFPrA-Ag)	509-09-1
	五氟丙酸鉀 (PFPrA-K) Potassium pentafluoropropionate (PFPrA-K)	378-76-7
	五氟丙酸銨 (PFPrA-NH ₄) Ammonium pentafluoropropionate (PFPrA-NH ₄)	2730-58-7
	6:6 全氟次磷酸 (6:6 Perfluorophosphinic acid) (6:6 PFPi)	40143-77-9
	6:6 全氟次磷酸鈉 (6:6 PFPi-Na) Sodium bis(perfluorohexyl)phosphinate (6:6 PFPi-Na)	70609-44-8
6:6 PFPi, 及其鹽 (6:6 PFPi, its salts)	6:6 全氟次磷酸鏡 (6:6 PFPi-Yb) Bis(perfluorohexyl) phosphinic acid ytterbium(3+) salt (6:6 PFPi-Yb)	500776-72-7
(, , , , , , , , , , , , , , , , , , ,	6:6 全氟次磷酸鉺 (6:6 PFPi-Er) Bis(perfluorohexyl) phosphinic acid erbium(3+) salt (6:6 PFPi- Er)	500776-73-8
	8:8全氟次磷酸 (8:8 Perfluorophosphinic acid) (8:8 PFPi)	40143-79-1
	8:8 全氟次磷酸鈉 (8:8 PFPi-Na) Sodium bis(perfluorooctyl)phosphinate (8:8 PFPi-Na)	500776-69-2
8:8 PFPi, 及其鹽 (8:8 PFPi, its salts)	8:8全氟次磷酸鉺 (8:8 PFPi-Er) Bis(perfluorooctyl) phosphinic acid erbium(3+) salt (8:8 PFPi- Er)	500776-70-5
	8:8全氟次磷酸鏡 (8:8 PFPi-Yb) Bis(perfluorooctyl) phosphinic acid ytterbium(3+) salt (8:8 PFPi-Yb)	500776-71-6
	單[2-(全氟乙烷)乙基]磷酸鹽 (Mono[2-(perfluorohexyl)ethyl] Phosphate) (6:2 monoPAP)	57678-01-0
6:2 monoPAP, 及其鹽 (6:2 monoPAP, its salts)	單[2-(全氟乙烷)乙基]磷酸二銨 (6:2 monoPAP-NH ₄ NH ₄) Diammonium 6:2 fluorotelomer phosphate monoester (6:2 monoPAP-NH ₄ NH ₄)	1000852-37-8



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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
	單-[2-(全氟辛基)乙烷]磷酸酯 (Mono-[2- (perfluorooctyl)ethyl]phosphate) (8:2 monoPAP)	57678-03-2
	8:2氟調聚物磷酸二銨鹽 8:2 Fluorotelomer diammonium phosphate	93857-44-4
	8:2氟調聚物磷酸鈉鹽 Disodium 1H,1H,2H,2H-perfluorodecylphosphate	438237-75-3
8:2 monoPAP, 及其鹽	雙[2-(全氟辛基)乙基]磷酸銨鹽 Ammonium bis[2-(perfluorohexyl)ethyl] phosphate	1764-95-0
8:2 monoPAP, 及其鹽 (8:2 monoPAP, its salts)	單[2-(全氟辛基)乙基]磷酸銨鹽 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt	92401-44-0
	單[2-(全氟辛基)乙基]磷酸鹽單鈉鹽 Sodium 1H,1H,2H,2H-perfluorooctylphosphate	144965-22-0
	單[2-(全氟辛基)乙基]磷酸單鉀鹽 Monopotassium monoperfluorohexyl ethylphosphate	150033-28-6
	單[2-(全氟辛基)乙基]磷酸氫銨鹽 Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate	2353-52-8
	1H,1H,2H,2H-全氟辛烷磷酸 (1H,1H,2H,2H- Perfluorooctanephosphonic acid) (6:2 FTPA)	252237-40-4
6:2 FTPA, 及其鹽 (6:2 FTPA, its salts)	((全氟己基)乙基)膦酸鈉 (Cheminox FHP 2OH-Na(PFHEPA-Na)) Sodium hydrogen ((perfluorohexyl)ethyl)phosphonate (Cheminox FHP 2OH-Na(PFHEPA-Na))	1189052-95-6
	全氟-2,5-二甲基-3,6-二氧雜壬酸 (Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid) (HFPO-TA)	13252-14-7
HFPO-TA, 及其鹽 (HFPO-TA, its salts)	全氟-2,5-二甲基-3,6-二氧雜壬酸鉀 (HFPO-TA-K) Potassium perfluoro(2-(2-propoxypropoxy)propanoate) (HFPO-TA-K)	67118-57-4
	全氟-2,5-二甲基-3,6-二氧雜王酸鈉 (HFPO-TA-Na) Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid, sodium salt (HFPO-TA-Na)	67963-76-2
	全氟-2,5-二甲基-3,6-二氧雜壬酸銨 (HFPO-TA-NH ₄) 2,3,3,3-Tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2- (heptafluoropropoxy)propoxy]propanoic acidammonia (HFPO-TA-NH ₄)	13043-05-5
	全氟-2,5-二甲基-3,6-二氧雜壬酸氟 (HFPO-TA-F) Hexafluoropropene oxide trimer (HFPO-TA-F)	2641-34-1

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
6:2 diPAP, 及其鹽 (6:2 diPAP, its salts)	雙[2 - (全氟己基)乙基]磷酸鹽 (Bis[2-(perfluorohexyl)ethyl] Phosphate) (6:2 diPAP)	57677-95-9
	雙[2 - (全氟己基)乙基]磷酸鈉 (6:2 diPAP-Na) Sodium bis[2-(perfluorohexyl)ethyl] phosphate (6:2 diPAP-Na)	407582-79-0
	雙[2 - (全氟己基)乙基]磷酸鹽 (6:2 diPAP(anion)) Bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphate ion (6:2 diPAP(anion))	667465-18-1
	雙三氟甲烷磺酰亞胺 (Trifluoromethanesulfonimide) (TFSI)	82113-65-3
TFSI, 及其鹽 (TFSI, its salts)	吡咯烷鎓·1-丁基-1-甲基-·與 1,1,1-三氟-N-[(三氟甲基)磺酰基] 甲磺酰胺的鹽 (1:1) Pyrrolidinium, 1-butyl-1-methyl-, salt with 1,1,1-trifluoro-N- [(trifluoromethyl)sulfonyl]methanesulfonamide (1:1)	223437-11-4
	三丁基甲基雙(三氟甲磺酰)亞胺銨 Tributylmethyl Ammonium Bis(trifluoromethanesulfonyl)	405514-94-5
	雙三氟甲烷磺酰亞胺鋰 (TFSI-Li) Lithium bis((trifluoromethyl)sulfonyl)azanide (TFSI-Li)	90076-65-6
	1-癸基-3-甲基咪唑雙(三氟甲烷)磺酰亞胺 1-Decyl-3-methylimidazolium	433337-23-6
	三氟甲磺酸 (Trifluoromethane sulfonic acid) (TFMS)	1493-13-6
	三氟甲磺酸鈉鹽 (TFMS-Na) Trifluoromethane sulfonic acid Sodium salt (TFMS-Na)	2926-30-9
	三氟甲磺酸銀鹽 (TFMS-Ag) Silver trifluoromethanesulfonate (TFMS-Ag)	2923-28-6
TFMS, 及其鹽 (TFMS, its salts)	三氟甲磺酸鋅鹽 (TFMS-Zn) Zinc trifluoromethanesulfonate (TFMS-Zn)	54010-75-2
	三氟甲磺酸鈧鹽 (TFMS-Sc) Scandium trifluoromethanesulfonate (TFMS-Sc)	144026-79-9
	三氟甲磺酸酐 Trifluoromethanesulfonic anhydride	358-23-6
	三氟甲磺酸鋰鹽 (TFMS-Li) Lithium trifluoromethanesulfonate (TFMS-Li)	33454-82-9
	三氟甲磺酸銅鹽 (TFMS-Cu) Copper(II) trifluoromethanesulfonate (TFMS-Cu)	34946-82-2
	三氟甲磺酸鋇鹽 (TFMS-Ba) Barium trifluoromethanesulfonate (TFMS-Ba)	2794-60-7



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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
TFMS, 及其鹽 (TFMS, its salts)	三氟甲磺酸鈽鹽 (TFMS-Ce) Cerium(IV) trifluoromethanesulfonate (TFMS-Ce)	107792-63-2
	三氟甲磺酸鎂鹽 (TFMS-Mg) Magnesium trifluoromethanesulfonate (TFMS-Mg)	60871-83-2
	三氟甲磺酸鉀鹽 (TFMS-K) Potassium trifluoromethanesulfonate (TFMS-K)	2926-27-4
	三氟甲磺酸鎳鹽 (TFMS-Ni) Nickel(II) Trifluoromethanesulfonate (TFMS-Ni)	60871-84-3
	三氟甲磺酸錫鹽 (TFMS-Sn) Tin(II) trifluoromethanesulfonate (TFMS-Sn)	62086-04-8
	三氟甲磺酸釔鹽 (TFMS-Y) Yttrium(III) trifluoromethanesulfonate (TFMS-Y)	52093-30-8
	三氟甲磺酸鐵鹽 (TFMS-Fe) Iron(III) trifluoromethanesulfonate (TFMS-Fe)	63295-48-7
	三氟甲磺酸鈰鹽 (TFMS-Ce) Cerium(III) Trifluoromethanesulfonate (TFMS-Ce)	76089-77-5
DED 6 77 +1 155	全氟丙烷磺酸 (Perfluoropropate sulfonic acid) (PFPrS)	423-41-6
PFPrS, 及其鹽 (PFPrS, its salts)	全氟丙烷磺酸鈉 (PFPrS-Na) Perfluoropropanesulfonic acid sodium salt (PFPrS-Na)	359868-82-9
	全氟庚烷-1-亞磺酸 (Perfluoroheptane-1-sulfinic acid) (PFHpSi)	769067-51-8
PFHpSi, 及其鹽 (PFHpSi, its salts)	全氟庚烷-1-亞磺酸鈉鹽 (PFHpSi-Na) 1-heptanesulfinic Acid Sodium Salt (PFHpSi-Na)	68555-66-8
	全氟辛基磷酸 (Perfluorooctylphosphoic acid) (PFOPA)	40143-78-0
PFOPA, 及其鹽 (PFOPA, its salts)	全氟辛基磷酸-4-甲基苯甲醯胺 (Heptadecafluorooctyl)phosphonic acid4-methylaniline (1/1)	1263361-03-0
乙基九氟丁基及其異構體 (Ethyl perfluoroisobutyl ether and its isomers)	乙基九氟丁基及其異構體 (Ethyl perfluoroisobutyl ether and its isomers)	163702-05-4
	全氟異丁基乙醚 Perfluoroisobutyl ethyl ether	163702-06-5



Test Report

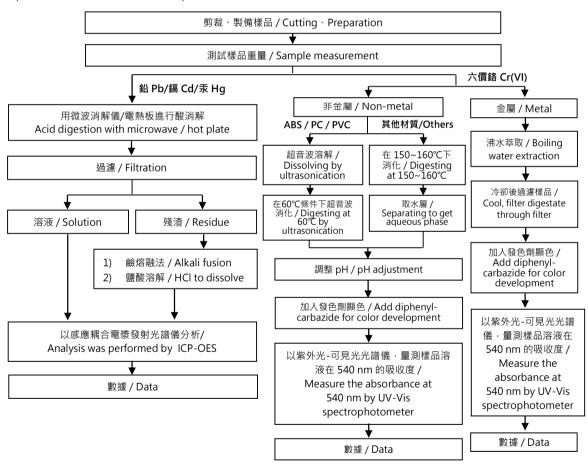
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重金屬流程圖 / Analytical flow chart of heavy metal

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)



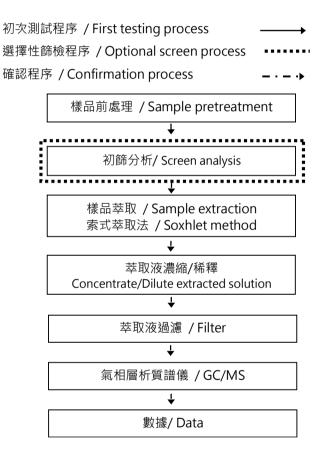


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多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs





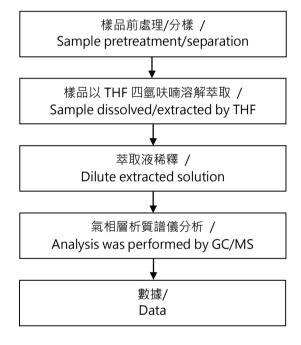
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可塑劑分析流程圖 / Analytical flow chart - Phthalate

【測試方法/Test method: IEC 62321-8】





Test Report

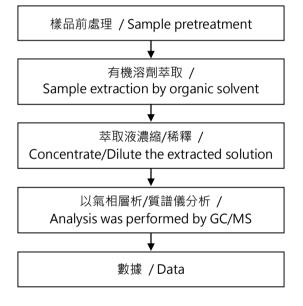
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分析流程圖 / Analytical flow chart

【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



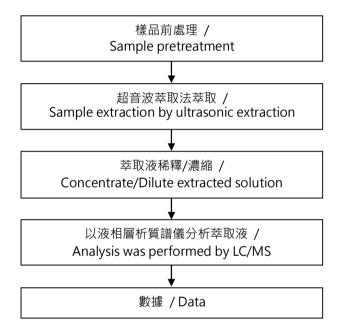


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四溴雙酚-A 分析流程圖 / Analytical flow chart - TBBP-A



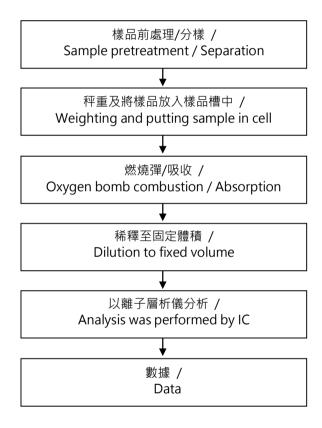


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鹵素分析流程圖 / Analytical flow chart - Halogen



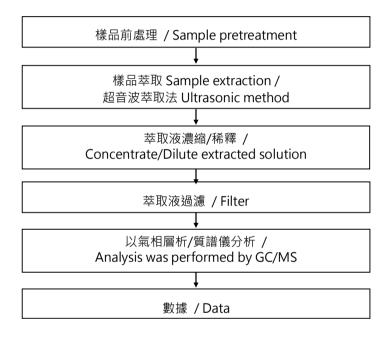


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六溴環十二烷分析流程圖 / Analytical flow chart - HBCDD





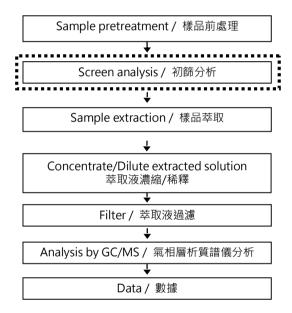
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四溴雙酚-A-雙分析流程圖 / Analytical flow chart - TBBP-A-bis

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 — • — • →



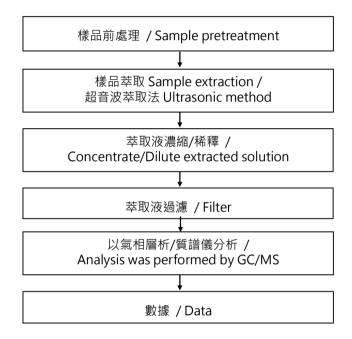


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富馬酸二甲酯分析流程圖 / Analytical flow chart - Dimethyl Fumarate



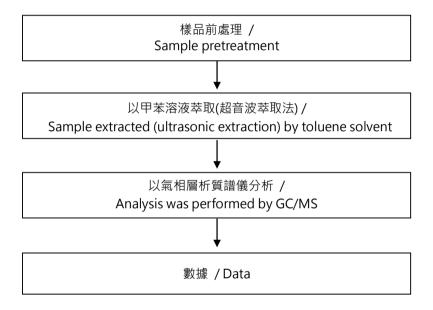


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多環芳香烴分析流程圖 / Analytical flow chart - PAHs (Polycyclic Aromatic Hydrocarbons)



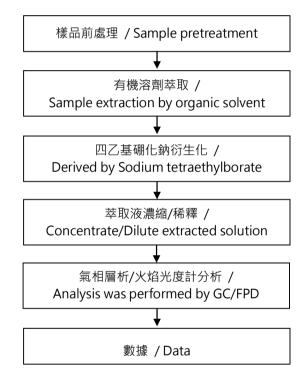


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有機錫分析流程圖 / Analytical flow chart - Organic-Tin



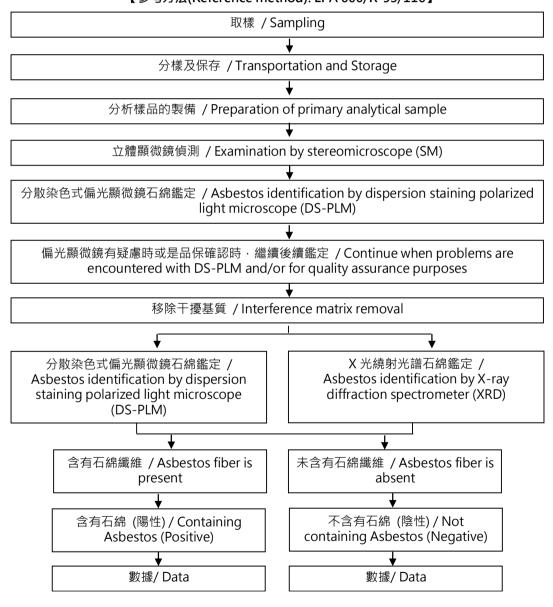


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石綿鑑定分析流程圖 / Analysis flow chart for determination of Asbestos 【參考方法(Reference method): EPA 600/R-93/116】



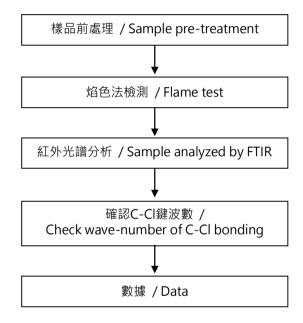


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聚氯乙烯物質判定分析流程圖 / Analysis flow chart - PVC





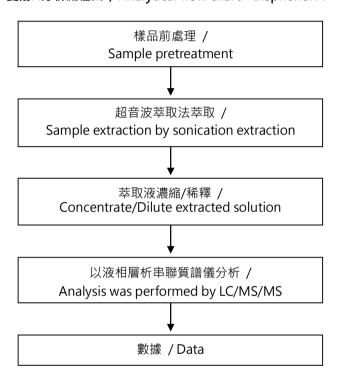
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陸昌化工股份有限公司 (PAN-CONTINENTAL CHEMICAL CO., LTD.) 台中市大甲區幼獅工業區青年路159號 (NO. 159, CHINGNIAN RD., TACHIA (437), TAICHUNG CITY, TAIWAN)

雙酚A分析流程圖 / Analytical flow chart - Bisphenol A



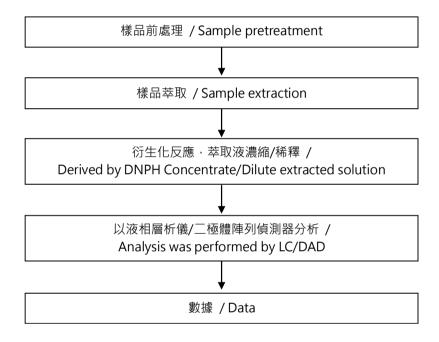


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甲醛分析流程圖 / Analytical flow chart - Formaldehyde





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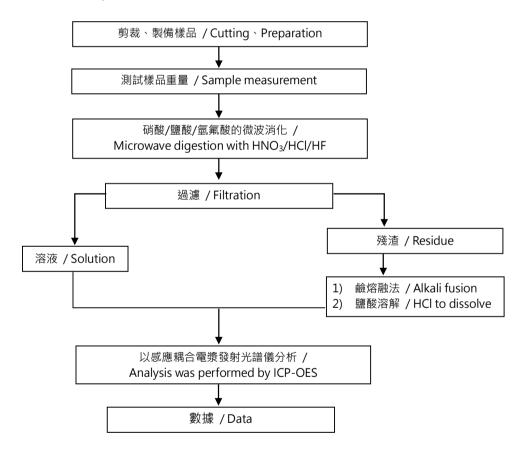
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元素(含重金屬)分析流程圖 / Analytical flow chart of elements (Heavy metal included)

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.



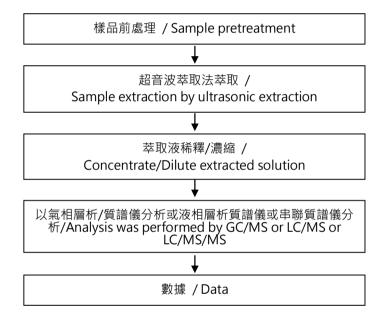
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全氟化合物(包含全氟辛酸/全氟辛烷磺酸/其相關化合物等等)分析流程圖 / Analytical flow chart – PFAS (including PFOA/PFOS/its related compound, etc.)





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* 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.)

ETR24A03826



** 報告結尾 (End of Report) **