亨悅工業(股)公司

Hand Well Enterprise CO., LTD.

樣品承認書

APPROVAL SHEET

客　　戶: 鈺緯科技
(Customer Name)

料　　號: 3MD125ME01A (M2414)
(Parts Number)

品　　名: HDMI HOLDING PLATE
(Parts Name)

日　　期: 2026/05/25
(Date)

設計驗證
工程課
2026 -06- 04
發行
鈺緯科技開發股份有限公司

送樣數量: 2 PCS
(Sample Quantity)

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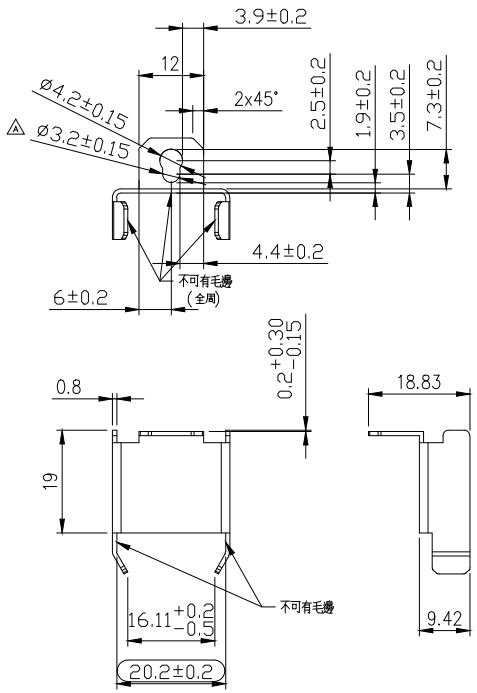
03	材質證明 Material Certificate	V
04	SPCC SGS Report	V
05	SPCC ROHS Report	V
06	鍍鋅 SGS Report	V

(End)

REV.	DATE	DESCRIPTION	BY	ARRD
A	2026/3/12	圓孔大小位置調整 △A	Owen	Laslie



設計驗證
工程課
2026-06-04
發行

2. 檢驗規範文件編號: QWI－014

NOTE: 1. 尺寸檢驗及毛邊, 參照承認樣品

THIRD ANGLE PROJECTION	UNITS : mm	SCALE : 1 / 1	SHEET : 1 / 1	MODEL NO.: 21.5"
	MATERIAL :SPCC 0.8t		TREATMENT : ZINK Plate	
DSGD by JoeHuang	2015/10/15	PART NAME: HDMI HOLDING PLATE		
APPD by		PART NO.: 3MD125ME01A		VER. A
APPD No. (M2414)	FILE NAME : 3MD125ME01A	DIVA Laboratories ,Ltd.		

亨悅工業股份有限公司

樣品尺寸檢驗報告

CUSTOMER 客戶	鈺緯	DATE OF Manufacture 製造日期		2026.05.20
PART NAME 品名(英文)	HDMI HOLDING PLATE	DATE OF INSP 檢驗日期		2026.05.25
P/N 品號	3MD125ME01A	MATERIAL 材質		SPCC 0.8T
SURFACE TREAT 表面處理	滾鍍鋅	成品數量	1000	
PRINTING 印刷	無	抽樣數量	5	
Measuring Instrument 使用儀器	A:游標卡尺 B:高度規 C:角度規 D:分厘卡 E:孔規 F:投影机 G:R角規 H:牙規 I:量測儀器 J:外觀目視 K:檢驗治具(螺柱位置)			

No	Location 位置	Specification 圖面尺寸	SAMPLE READING 量測記錄							
			1	2	3	4	5	RE-SULT	MI	備註
1	B4	4.4±0.2	4.38	4.38	4.39	4.39	4.38	OK	A	
2	B3	12.0±0.2	11.96	11.96	11.96	11.98	11.98	OK	A	
3	B2	Φ3.2±0.15	3.21	3.19	3.18	3.18	3.19	OK	A	
4	C2	6.0±0.2	6.02	6.01	6.02	6.02	6.01	OK	A	
5	B4	2.5±0.2	2.52	2.54	2.54	2.54	2.52	OK	A	
6	B4	1.9±0.2	1.91	1.91	1.91	1.91	1.9	OK	A	
7	B4	3.5±0.2	3.52	3.52	3.524	3.53	3.52	OK	A	
8	B5	7.3±0.2	7.35	7.36	7.36	7.35	7.34	OK	A	
9	D4	0.2+0.3/-0.15	0.24	0.23	0.24	0.22	0.25	OK	A	
10	D2	19.0±0.2	18.96	18.96	18.96	18.98	18.96	OK	A	
11	E3	16.11+0.2/-0.5	16.01	15.98	16.03	16.05	16.01	OK	A	
12	E3	20.2±0.2	20.25	20.25	20.28	20.25	20.26	OK	A	
13	D4	18.83±0.2	18.76	18.78	18.76	18.77	18.80	OK	A	
14	E4	9.42±0.2	9.37	9.37	9.39	9.37	9.39	OK	A	
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

主管	檢驗者
古捷瑩	陳慶年

中鋼公司

品質證明書
TEST CERTIFICATE

member of CSC Group 中鋼集團
中國鋼鐵股份有限公司
中華民國高雄市小港區中鋼路1號
CHINA STEEL CORPORATION
1 Chung Kang Rd, Hsiao Kang, Kaohsiung 81233, Taiwan, Republic of China
Tel: 886 (7) 8021111 Fax: 886 (7) 8022511

F0084-01 COMPANY REGISTRATION NUMBER: 30414175 0426

客戶名稱 CUSTOMER	永發鋼鐵工業股份有限公司 YUNG FA STEEL & IRON INDUSTRY CO., LTD.		產品名稱 PRODUCT	CR SHEET-COIL	
			發票號碼 INVOICE NO.	WE48963615	證明書編號 CERTIFICATE NO. 150115F0084
規格名稱 SPEC.	JIS G3141 SPCC-SD, OILED. (CQ2, UE) R-35		客戶編號 CUSTOMER NO.	35489006	中鋼訂單編號 CSC ORDER NO. LC9271A
			交運日期 SHIPPING DATE	JAN. 14, 2026	證明書日期 T/C ISSUE DATE JAN. 15, 2026
檢驗 INSP.	CSC MILL INSPECTION.	T/C 02	客戶訂單編號 CUST ORDER NO.		

項目 ITEM NO.	產品序號 LABEL NO.	尺寸 DIMENSIONS 厚度 THICK. mm	寬度 WIDTH mm	長度 LENGTH mm	數量 QTY	質量 MASS kg	爐號 HEAT	鋼捲號碼 COIL NO.	試片編號 SAMPLE ID.	拉伸試驗 *1 G.L. = 50 mm 降伏 Y.S. MPa, N/mm2	抗拉 T.S. MPa, N/mm2	伸長 EL %	*05 硬度 RB
002	H351030	0.800	1219	COIL	1	10,705	SWK23	53281082	5328108	145	300	49	27
	H351031				1	9,640	SWK23	53280981	5328098	145	302	49	28
			TOTAL:		2	20,345							

化學成分 CHEMICAL COMPOSITION %										鎔鑄地	備註
C	Mn	P	S	Si	Cu	Ni	Cr	Al			
X10 3	X10 2	X10 3	X10 3	X10 2		X10 2		X10 3			
1	12	16	7	0				28		TWN	REMARK

註釋 NOTES

*01 拉伸試驗 TENSILE TEST
*05 硬度試驗 HARDNESS TEST

1MPa = 1N/mm2
Al =TOTAL Al

CMP:THE COUNTRY OF MELT AND POUR; TWN:TAIWAN;

SURVEYED BY

茲證明本表所列產品，均依材料規格製造及試驗，並符合規格之要求。
WE HEREBY CERTIFY THAT MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIREMENT OF THE ABOVE MATERIAL SPECIFICATION AND THE TEST CERTIFICATE COMFORMS TO TYPE 3.1 OF TABLE A (ANNEX A) OF EN10204-2004.

Tzu-Ming Chen
冶金技術處處長
GENERAL MANAGER, METALLURGICAL DEPARTMENT

測試報告
Test Report

號碼(No.): EKR25701298　　日期(Date): 15-Aug-2025　　

中國鋼鐵股份有限公司 (CHINA STEEL CORPORATION)
高雄市小港區中鋼路1號 (1, CHUNG KANG RD., HSIAO KANG, KAOHSIUNG 81233, TAIWAN, REPUBLIC OF CHINA)

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)	:	中國鋼鐵股份有限公司 (CHINA STEEL CORPORATION)
樣品名稱(Sample Name)	:	冷軋BA產品(COLD PRODUCT(BA))
樣品型號(Style/Item No.)	:	冷軋BA產品

==========

收件日(Sample Receiving Date)	:	23-Jul-2025
測試期間(Testing Period)	:	23-Jul-2025 to 15-Aug-2025

測試需求(Test Requested) : 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).)

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

結　論(Conclusion) : 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.)

報告簽署人/張伯睿 博士/部經理
Ray Chang, Ph.D./ Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
化學實驗室-高雄/Chemical Laboratory-Kaohsiung

PIN CODE: 30D86B41

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測試報告
Test Report

中國鋼鐵股份有限公司 (CHINA STEEL CORPORATION)
高雄市小港區中鋼路1號 (1, CHUNG KANG RD., HSIAO KANG, KAOHSIUNG 81233, TAIWAN, REPUBLIC OF CHINA)

測試部位敘述 (Test Part Description)

No.1 : 銀色金屬 (SILVER COLORED METAL)

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.1	限值 (Limit)
鎘 (Cd) (Cadmium (Cd))	依據IEC 62321-5: 2013，以感應耦合電漿發射光譜儀分析。(According to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	100
鉛 (Pb) (Lead (Pb))		mg/kg	2	n.d.	1000
汞 (Hg) (Mercury (Hg))	依據IEC 62321-4: 2013+ AMD1: 2017，以感應耦合電漿發射光譜儀分析。(According to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	1000
六價鉻 (Hexavalent Chromium) Cr(VI) (#2)	依據IEC 62321-7-1: 2015，以紫外光-可見光分光光度計分析。(According to IEC 62321-7-1: 2015, analysis was performed by UV-VIS.)	μg/cm²	0.1	n.d.	-
一溴聯苯 (Monobromobiphenyl)	自訂方法(文件編號 : TESP-KE-082)參考IEC 62321-6: 2015，以氣相層析儀/質譜儀分析。(In house method (Doc. No. : TESP-KE-082) refer to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.	-
二溴聯苯 (Dibromobiphenyl)		mg/kg	5	n.d.	-
三溴聯苯 (Tribromobiphenyl)		mg/kg	5	n.d.	-
四溴聯苯 (Tetrabromobiphenyl)		mg/kg	5	n.d.	-
五溴聯苯 (Pentabromobiphenyl)		mg/kg	5	n.d.	-
六溴聯苯 (Hexabromobiphenyl)		mg/kg	5	n.d.	-
七溴聯苯 (Heptabromobiphenyl)		mg/kg	5	n.d.	-
八溴聯苯 (Octabromobiphenyl)		mg/kg	5	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	-
十溴聯苯 (Decabromobiphenyl)		mg/kg	5	n.d.	-
多溴聯苯總和 (Sum of PBBs)		mg/kg	-	n.d.	1000

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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)
一溴聯苯醚 (Monobromodiphenyl ether)	自訂方法(文件編號 : TESP-KE-082)參考IEC 62321-6: 2015，以氣相層析儀/質譜儀分析。(In house method (Doc. No. : TESP-KE-082) refer to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)		mg/kg	5	n.d.	-
三溴聯苯醚 (Tribromodiphenyl ether)		mg/kg	5	n.d.	-
四溴聯苯醚 (Tetrabromodiphenyl ether)		mg/kg	5	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	5	n.d.	-
六溴聯苯醚 (Hexabromodiphenyl ether)		mg/kg	5	n.d.	-
七溴聯苯醚 (Heptabromodiphenyl ether)		mg/kg	5	n.d.	-
八溴聯苯醚 (Octabromodiphenyl ether)		mg/kg	5	n.d.	-
九溴聯苯醚 (Nonabromodiphenyl ether)		mg/kg	5	n.d.	-
十溴聯苯醚 (Decabromodiphenyl ether)		mg/kg	5	n.d.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP))	依據IEC 62321-8: 2017，以氣相層析儀/質譜儀分析。(According to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	1000
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP))		mg/kg	50	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP))		mg/kg	50	n.d.	1000
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP))		mg/kg	50	n.d.	1000

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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. (#2) =
   a. 當六價鉻結果大於0.13 μg/cm²，表示樣品表層含有六價鉻。(The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 μg/cm². The sample coating is considered to contain Cr(VI).)
   b. 當六價鉻結果為n.d. (濃度小於0.10 μg/cm²)，表示表層不含六價鉻。(The sample is negative for Cr(VI) if Cr(VI) is n.d. (concentration less than 0.10 μg/cm²). The coating is considered a non-Cr(VI) based coating)
   c. 當六價鉻結果介於 0.10 及 0.13 μg/cm² 時，無法確定塗層是否含有六價鉻。(The result between 0.10 μg/cm² and 0.13 μg/cm² is considered to be inconclusive - unavoidable coating variations may influence the determination.)
6. 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.)
7. 申請人提交的產品是用於電機電子設備之原物料。(The product from the applicant submitted is a raw material which is used for electric and electronic equipment.)

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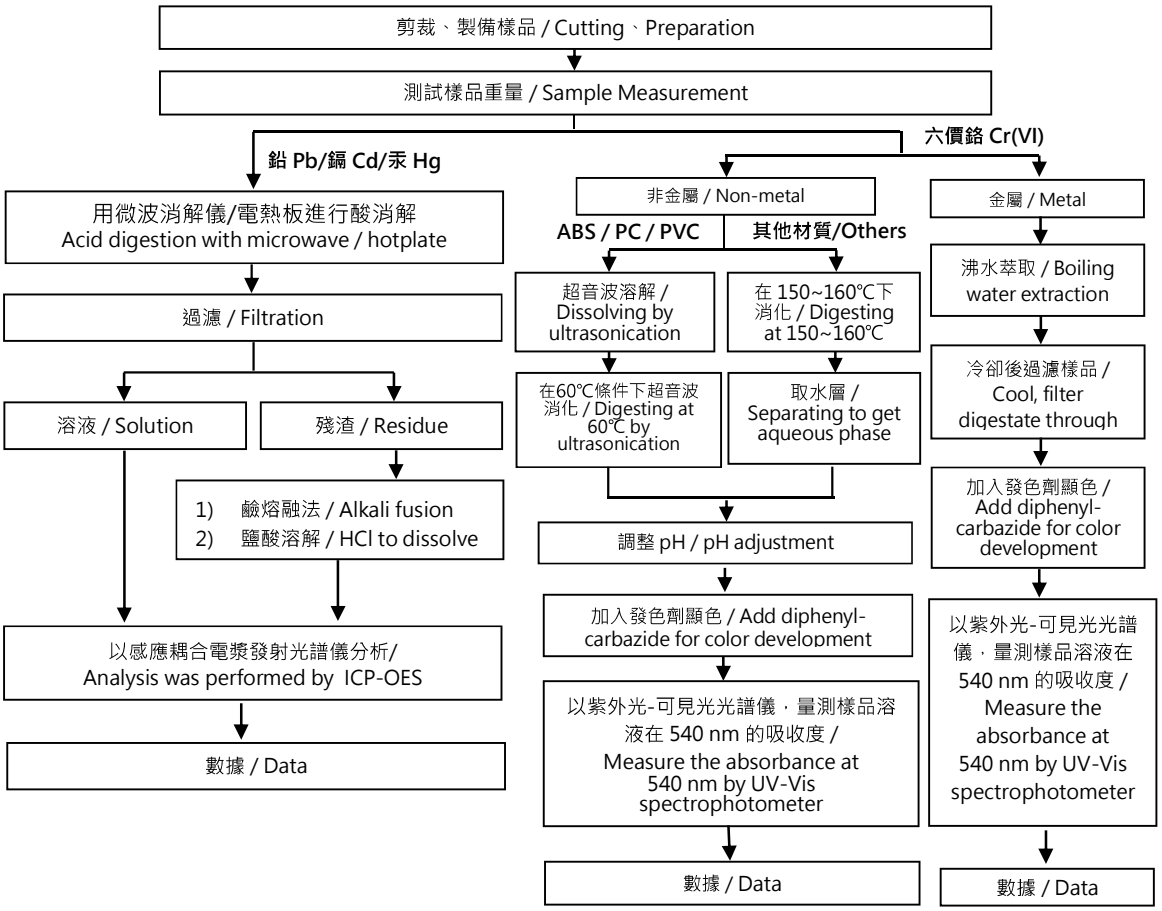
高雄市小港區中鋼路1號 (1, CHUNG KANG RD., HSIAO KANG, KAOHSIUNG 81233, TAIWAN, REPUBLIC OF CHINA)

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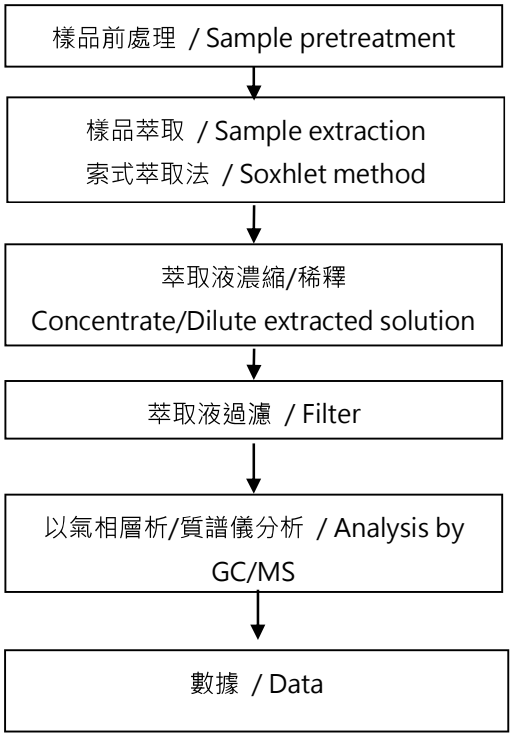
多溴聯苯/多溴聯苯醚 分析流程圖 / PBB/PBDE analytical FLOW CHART



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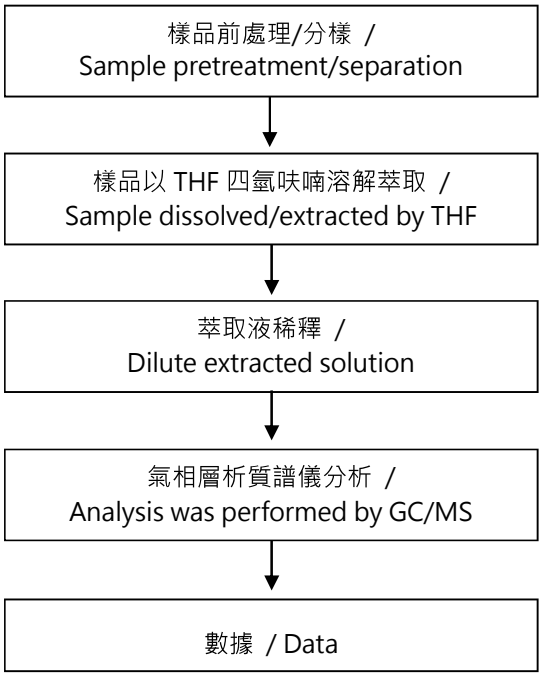
高雄市小港區中鋼路1號 (1, CHUNG KANG RD., HSIAO KANG, KAOHSIUNG 81233, TAIWAN, REPUBLIC OF CHINA)

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

【測試方法/Test method: IEC 62321-8】



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測試報告
Test Report

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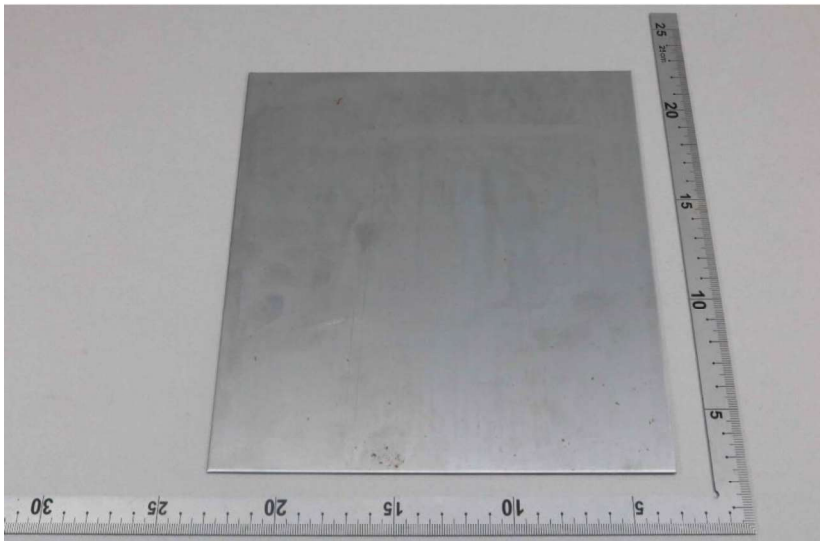
*** 照片中如有箭頭標示，則表示為實際檢測之樣品/部位. ***
(The tested sample / part is marked by an arrow if it's shown on the photo.)

EKR25701298



** 報告結尾 (End of Report) **

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以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by the applicant as)：

送樣廠商(Sample Submitted By)	：	中國鋼鐵股份有限公司 (CHINA STEEL CORPORATION)
樣品名稱(Sample Name)	：	冷軋BA產品(COLD PRODUCT(BA))
樣品型號(Style/Item No.)	：	冷軋BA產品

==========

收件日(Sample Receiving Date)	：	23-Jul-2024
測試期間(Testing Period)	：	23-Jul-2024 to 15-Aug-2024 and 08-Nov-2024 to 08-Feb-2025 and 26-Jun-2025 to 31-Jul-2025
測試需求(Test Requested)	：	250項高關注物質篩檢及額外的項目是依客戶特定要求. 高關注物質候選清單是根據歐洲化學總署(ECHA)於2025年06月25日，就關於REACH之Regulation (EC) No 1907/2006的公告。(250 Substances of Very High Concern (SVHC) screening in addition of item(s) by specific client's request. SVHC candidate list based on the publication by European Chemicals Agency (ECHA) on 2025 June 25, regarding Regulation (EC) No 1907/2006
測試結果(Test Results)	：	請參閱下一頁 (Please refer to following pages).
總　　結(Summary)	：	根據歐洲法院對於REACH規範下成品定義的裁決以及指定範圍和分析技術，送測樣品中所選擇的零部件成品的高關注物質(SVHC) 測試結果濃度均 ≤ 0.1%(w/w) (According to the ruling of the Court of Justice of the European Union on the definition of an article under REACH, and the specified scope as well as analytical technique, the test results of the selected component article are ≤ 0.1% (w/w) in the submitted sample(s).)

報告簽署人/張伯睿 博士/部經理
Ray Chang, Ph.D./ Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
化學實驗室-高雄/Chemical Laboratory-Kaohsiung

PIN CODE: 7AE7FB4F

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測試部位敘述 (Test Part Description)

No.1 : 銀色金屬 (SILVER COLORED METAL)

測試方法(Test Method)

參考RSTS-EE-SVHC-007，以感應耦合電漿發射光譜儀、紫外光可見光譜儀、氣相層析/質譜儀、液相層析/質譜儀、氣相層析儀/火焰光度偵測器、液相層析儀/二極體陣列偵測器/質譜儀、液相層析串聯質譜儀分析。(With reference to RSTS-EE-SVHC-007, analysis was performed by ICP-OES, UV-VIS, GC/MS, LC/MS, GC/FPD, LC/DAD/MS, LC/MS/MS.)

測試結果 (Test Results) **單位 (Unit): %**

高關注物質(SVHC)候選清單 Candidate List of SVHC (2025/06/25)

物質名稱 (Substance Name)	RL	濃度 (Concentration)	限值 (Limit)
		No.1	
所有高關注物質(SVHC)候選清單測試 (All tested SVHC in candidate list)	-	n.d.	0.1

除歐洲化學總署(ECHA)於2025年06月25日所公告的SVHC範圍外，客戶要求以下額外的篩檢 (Additional screening by client's request outside the scope of SVHC as published by ECHA on June 25, 2025):

物質名稱 (Substance Name)	RL	濃度 (Concentration)	限值 (Limit)
		No.1	
環十二烷 (Cyclododecane) (CAS No.: 294-62-2)	0.05	n.d.	-

Remark：

1. 高關注物質(SVHC)候選清單 Candidate List of SVHC (2025/06/25)
   https://echa.europa.eu/web/guest/candidate-list-table
2. 根據Regulation (EC) No 1907/2006 中第7條款第2項之規定，如果物質合乎第57條款之標準以及可依據第59(1)條之規定鑑別，且同時符合下列兩項狀況，任何成品之製造人和進口人應向歐洲化學總署(ECHA)通報：

   (a) 成品中所含物質每年超過1公噸。
   (b) 依重量百分比計算，物質濃度超過0.1%。

   In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 2 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation,

   if (a) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w).

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3. Regulation (EC) No 1907/2006中第 33 條要求成品供應商，其成品所含物質符合第57條款的標準並依照第59(1)條款確定其濃度大於0.1wt%，應提供成品接受者充份可取得資訊，以確保成品的安全使用(至少包括物質的名稱)。

   Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.

4. 如果樣品中高關注物質的濃度超過0.1% (w/w)和/或歐盟(EC)No.1272/2008 CLP法規及其修訂中設定的特殊濃度限值，建議客戶根據歐盟REACH法規No.1907/2006對有關高關注物質準備安全資料表(SDS)以符合供應鏈通信的義務，如：
   (I) 根據(EC)No.1272/2008 CLP法規被列為有害物質。
   (II) 根據(EC)No.1272/2008 CLP法規被列為有害混合物，而當中物質的濃度大於或等於(EC)No.1272/2008 CLP法規列出的濃度限值;或
   (III) 根據(EC)No.1272/2008 CLP法規並未列為有害混合物，但包含：
   (a) 對人類健康或環境有害的物質，而在固體或液體混合物(即非氣體混合物)中其濃度≥1%(w/w)或在氣體混合物中占體積≥0.2%，或
   (b) PBT或vPvB物質，在固體或液體混合物(即非氣體混合物)中個別濃度≥0.1%(w/w)，或
   (c) 授權審議的高關注物質候選清單上的物質(除上述以外的原因)在個別非氣體混合物中的濃度≥0.1%(w/w)，或
   (d) 設有歐洲範圍內工作場所接觸限值的物質。

   If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

   (I) a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
   (II) mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
   (III) a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
   (a) a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
   (b) a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
   (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
   (d) a substance for which there are Europe-wide workplace exposure limits

5. 倘若SVHC超出報告極限值，建議客戶確認含有該SVHC的零件，並要求實驗室進一步的定量分析而取得SVHC的確切濃度。
   If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

備註(Note)：

1. mg/kg = ppm；0.1wt% = 0.1% = 1000ppm
2. RL = Reporting Limit (報告極限值)
3. n.d. = Not Detected (未檢出)；小於RL (Less than RL)
4. "-" = Not Regulated (無規格值)

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5. (*): 重鉻酸鈉二水合物(CAS No.: 7789-12-0)含量 = 重鉻酸鈉含量 × 1.1375
   (conc. of Sodium dichromate dihydrate = conc. of sodium dichromate × 1.1375)
6. (**): 上述混合物的濃度是經由所獲得的成分比例介於被選擇標靶物及混合物所推估出來。(The concentrations of above-mentioned mixtures are evaluated per the gained composition rate between the selected marks and the mixtures.)
7. ***: 該物質是由單辛基錫、二辛基錫、三丁基錫、二丁基錫、全氟辛酸或各別元素 (例如：砷、鉛、六價鉻、硼、鈷、鋇、鎘、硫)之測試結果計算得知。(The substance was calculated by the test results of Monooctyl Tin, Dioctyl Tin, Tributyl Tin, Dibutyl Tin, PFOA or element (Ex. Arsenic, Lead, Cr(VI), Boron, Cobalt, Barium, Cadmium, Sulfur respectively).)

表格 (Table) 1：測試結果如下(The test result is given as): **單位(Unit): %**

物質名稱 / 特定元素 (Substance Name / Specific Element(s))	RL	濃度 (Concentration)
		No.1
三丁基錫 (Tributyl Tin) (TBT)	0.0487	n.d.
砷 (Arsenic) (As) (※ E)	0.005	n.d.
六價鉻 (Hexavalent chromium) (Cr(VI))	0.005	n.d.
硼 (Boron) (B) (※ E)	0.005	n.d.
鈷 (Cobalt) (Co)	0.005	n.d.
二丁基錫 (Dibutyl Tin) (DBT)	0.027	n.d.
鋇 (Barium) (Ba)	0.005	n.d.
二辛基錫 (Dioctyl Tin) (DOT)	0.023	n.d.
單辛基錫 (Monooctyl Tin) (MOT)	0.0138	n.d.
鉛 (Lead) (Pb)	0.005	n.d.
鎘 (Cadmium) (Cd)	0.005	n.d.
硫 (Sulfur) (S) (※ E)	0.005	n.d.

8. F參數換算表&分類 (F Parameter Conversion Table & Classification):
   https://eecloud.sgs.com/Region_TW/DocDownload.aspx?name=Others
9. (※ P): 此化合物之濃度是取六價鉻及鉛兩者各別換算出化合物濃度，並取其最小值做為最後出報告之依據。
   (Regarding the compound containing Cr(VI) and lead, lead and Cr(VI) are tested and respectively used for the calculation of the independent concentration of the compound containing Cr(VI) and lead. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.)
10. (※ C): 鉻酸與重鉻酸的寡聚體: 因為其寡聚體是由未知數的鉻酸或與重鉻酸所組成，而導致沒有固定分子量，因此以單體鉻酸或重鉻酸較為重要並應被考慮。(Oligomers of chromic acid and dichromic acid : since the oligomers are made of the unknown amount of chromic acid or dichromic acid that results in no fixed molecular weight, therefore the monomer of chromic acid or dichromic acid is relevant and considered.)

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11. (※ H): 水合硼酸鈉: 依照歐洲化學總署解釋以無水四硼酸二鈉數據作為代表(歐洲化學總署回信編號 Ref no.: INC 000000032519)。(Tetraboron disodium heptaoxide, hydrate: Only anhydrous form of disodium tetraborate is relevant and considered according to ECHA explanation (Ref no.: INC 000000032519).)
12. (※ S): 此砷鉛化合物之濃度是取砷及鉛兩者各別換算出砷鉛化合物濃度，並取其最小值做為最後出報告之依據。(Regarding the compound containing arsenic and lead, lead and arsenic are tested and respectively used for the calculation of the independent concentration of the compound containing arsenic and lead. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.)
13. (※ T): 由於TGIC本身含有β-TGIC，依照ECHA 技術文件 β-TGIC與 TGIC 約為 1:10 比例，因此β-TGIC將以1/10 的TGIC計算濃度。(TGIC is a mixture and also contains β-TGIC. According to the ECHA's technical dossier the ratio of β-TGIC to TGIC is around 1 to 10. Therefore β-TGIC is issued based on the above-mentioned ratio.)
14. (※ B): 只有在矽與鉛定性結果為陽性時，再以鋇之濃度換算之。(Only if both qualitative results of lead and silicon are positive, the test result of the compound will be calculated based on the concentration of barium.)
15. (※ R): RP-HP無法直接測得且無法自特定元素計算含量，RP-HP之所以被定義於SVHC是因為4-HPbl，因此分析4-HPbl取代RP-HP。(RP-HP can't be identified directly and test result can't be calculated based on specific element(s) or compound. RP-HP is identified as SVHC because of 4-HPbl, therefore 4-HPbl is analysed instead of RP-HP.)
16. (●) : 因為鉛有一很廣泛應用，不太可能判定是否檢驗出的鉛是來自鉛離子，鉛元素或鉛化合物，因此用檢驗出的總鉛來代表鉛。(Since lead has a wide application, it is unlikely to determine if the detected lead comes from the lead ion, lead element or/ and lead compounds. Therefore the detected total lead is used on behalf of lead.)
17. (※ U): 硼酸鈉鹽及其水合物; 硼酸二鈉鹽; 硼酸三鈉; 硼酸鈉鹽; 硼酸鈉; 硼酸鈉鹽 (1:1) (CAS No.: 25747-83-5; 22454-04-2; 14312-40-4; 1333-73-9; 13840-56-7; 14890-53-0)，依據其中最大分子量的硼酸鈉鹽 (CAS No.: 13840-56-7)進行計算，其F參數為11.8215。(Boric acid (H3BO3), sodium salt, hydrate; Boric acid (H3BO3), disodium salt; Trisodium orthoborate; Boric acid, sodium salt; Orthoboric acid, sodium salt; Boric acid (H3BO3), sodium salt (1:1) (CAS No.: 25747-83-5; 22454-04-2; 14312-40-4; 1333-73-9; 13840-56-7; 14890-53-0). The calculation is based on the largest molecular weight of Orthoboric acid, sodium salt (CAS No.: 13840-56-7). The F Parameter is 11.8215.)
18. (※ D): 此化合物之濃度是取硼及鉛兩者各別換算出化合物濃度，並取其最小值做為最後出報告之依據。(Regarding the compound containing Boron and lead, lead and Boron are tested and respectively used for the calculation of the independent concentration of the compound containing Boron and lead. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.)
19. (※ G): 此化合物先定性初篩，當該化合物有訊號，再利用特定元素硫及磷計算化合物濃度。(The compound is qualitatively screened first. When there is a signal of the compound, specific elements Sulfur and Phosphorus are used to calculate the concentration of compound.)
20. (※ I): 先對特定指標化合物進行初篩，再經評估後，如有特定訊號時，實驗室需加測總氟來計算化合物濃度。(A specific index compound is qualitatively screened first. After the evaluation, and the specific signal is positive, the total Fluorine is used to calculate the concentration of SVHC compound.)

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21. (※ A): 此化合物之濃度是取硼及鋇兩者各別換算出化合物濃度，並取其最小值做為最後出報告之依據。
(Regarding the compound containing Boron and Barium, Barium and Boron are tested and respectively used for the calculation of the independent concentration of the compound containing Boron and Barium. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.)
22. (※ E): 被萃取出的溶出硼/砷/硫是以感應耦合電漿發射光譜儀檢測得之。(The extracted soluble Boron / Arsenic / Sulfur are detected by ICP-OES.)
23. (※ J): 活性棕 51為利用水萃取法進行初篩，若符合特定條件，再以溶出硫濃度進行換算。
(Reactive brown 51 is qualitatively screened first by water extraction. After the evaluation, and there is a signal of the compound, the extracted soluble sulfur is used to calculate the concentration of SVHC compound.)
24. 除非另有說明，參照ILAC-G8:09/2019，採用簡單二元(w=0)允收規則進行符合性判定；根據此規則，符合性結果之判定係以測試結果與限值做比較。(Unless otherwise stated , the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.)
25. 本測試報告為加測EKR24701570及合併EKR24701570A01之報告。(This report is added testing by EKR24701570 and combined with EKR24701570A01.)

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測試報告
Test Report

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【附錄 (Appendix) 1】
高關注物質(SVHC)候選清單 Candidate List of SVHC (2025/06/25) : **單位 (Unit): %**

No.	物質名稱 (Substance Name)	RL
1.	4,4' - 二氨基二苯甲烷 (4,4'- Diaminodiphenylmethane) (MDA) (CAS No.: 101-77-9)	0.05
2.	二甲苯麝香 (5-tert-butyl-2,4,6-trinitro-m-xylene) (Musk Xylene) (CAS No.: 81-15-2)	0.05
3.	短鏈氯化石蠟 (Alkanes, C10-13, chloro) (Short Chain Chlorinated Paraffins) (CAS No.: 85535-84-8)	0.05
4.	蒽 (Anthracene) (CAS No.: 120-12-7)	0.05
5.	鄰苯二甲酸丁苯甲酯 (Benzyl butyl phthalate) (BBP) (CAS No.: 85-68-7)	0.05
6.	氧化雙三丁基錫 (Bis(tributyltin) oxide) (TBTO)*** (CAS No.: 56-35-9)	-
7.	五氧化二砷 (Diarsenic pentaoxide)*** (CAS No.: 1303-28-2)	-
8.	三氧化二砷 (Diarsenic trioxide)*** (CAS No.: 1327-53-3)	-
9.	鄰苯二甲酸二丁酯 (Dibutyl phthalate) (DBP) (CAS No.: 84-74-2)	0.05
10.	六溴環十二烷及所有主要被辨別出的異構物 (Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α- HBCDD, β- HBCDD, γ- HBCDD)) (CAS No.: 25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))	0.05
11.	砷酸氫鉛 (Lead hydrogen arsenate)*** (CAS No.: 7784-40-9) (※ S)	-
12.	重鉻酸鈉 (Sodium dichromate)*** (CAS No.: 10588-01-9, 7789-12-0) (*)	-
13.	三乙基砷酸酯 (Triethyl arsenate)*** (CAS No.: 15606-95-8)	-
14.	鄰苯二甲酸二 (2-乙基己基)酯 (Bis (2-ethylhexyl)phthalate) (DEHP) (CAS No.: 117-81-7)	0.05
15.	2,4-二硝基甲苯 (2,4-Dinitrotoluene) (CAS No.: 121-14-2)	0.05
16.	蒽油 (Anthracene oil) (CAS No.: 90640-80-5) (**)	0.05
17.	蒽油, 蒽糊 (Anthracene oil, anthracene paste) (CAS No.: 90640-81-6) (**)	0.05
18.	蒽油, 蒽糊, 蒽餾分 (Anthracene oil, anthracene paste, anthracene fraction) (CAS No.: 91995-15-2) (**)	0.05
19.	蒽油, 蒽糊, 輕油 (Anthracene oil, anthracene paste, distn. Lights) (CAS No.: 91995-17-4) (**)	0.05
20.	蒽油, 含蒽量少 (Anthracene oil, anthracene-low) (CAS No.: 90640-82-7) (**)	0.05
21.	鄰苯二甲酸二異丁酯 (Diisobutyl phthalate) (DIBP) (CAS No.: 84-69-5)	0.05
22.	鉻酸鉛 (Lead chromate)*** (CAS No.: 7758-97-6) (※ P)	-
23.	鉬鉻紅；顏色索引: 顏料紅104 (Lead chromate molybdate sulphate red (C.I. Pigment Red 104))*** (CAS No.: 12656-85-8) (※ P)	-
24.	鉻酸鉛；顏色索引: 顏料黃34 (Lead sulfochromate yellow (C.I. Pigment Yellow 34))*** (CAS No.: 1344-37-2) (※ P)	-
25.	煤瀝青, 高溫 (Pitch, coal tar, high-temp.) (CAS No.: 65996-93-2) (**)	0.05
26.	磷酸三(2-氯乙基)酯 (Tris(2-chloroethyl) phosphate) (TCEP) (CAS No.: 115-96-8)	0.05
27.	丙烯醯胺 (Acrylamide) (CAS No.: 79-06-1)	0.05

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No.	物質名稱 (Substance Name)	RL
28.	重鉻酸銨 (Ammonium dichromate)*** (CAS No.: 7789-09-5)	-
29.	硼酸 (Boric acid)*** (CAS No.: 10043-35-3, 11113-50-1)	-
30.	無水四硼酸二鈉 (Disodium tetraborate, anhydrous)*** (CAS No.: 1303-96-4, 1330-43-4, 12179-04-3)	-
31.	鉻酸鉀 (Potassium chromate)*** (CAS No.: 7789-00-6)	-
32.	重鉻酸鉀 (Potassium dichromate)*** (CAS No.: 7778-50-9)	-
33.	鉻酸鈉 (Sodium chromate)*** (CAS No.: 7775-11-3)	-
34.	水合硼酸鈉 (Tetraboron disodium heptaoxide, hydrate) (CAS No.: 12267-73-1) (※ H)	-
35.	三氯乙烯 (Trichloroethylene) (CAS No.: 79-01-6)	0.05
36.	乙二醇乙醚 (2-Ethoxyethanol) (CAS No.: 110-80-5)	0.05
37.	乙二醇甲醚 (2-Methoxyethanol) (CAS No.: 109-86-4)	0.05
38.	從三氧化鉻與其它寡聚體生成的酸類: 鉻酸 (Acids generated from chromium trioxide and their oligomers: Chromic acid)*** (CAS No.: 7738-94-5)	-
	從三氧化鉻與其它寡聚體生成的酸類: 重鉻酸 (Acids generated from chromium trioxide and their oligomers: Dichromic acid)*** (CAS No.: 13530-68-2)	-
	從三氧化鉻與其它寡聚體生成的酸類: 鉻酸與重鉻酸的寡聚體 (Acids generated from chromium trioxide and their oligomers: Oligomers of chromic acid and dichromic acid) (※ C)	-
39.	三氧化鉻 (Chromium trioxide)***(CAS No.: 1333-82-0)	-
40.	碳酸鈷(二價) (Cobalt(II) carbonate)*** (CAS No.: 513-79-1)	-
41.	醋酸鈷(二價) (Cobalt(II) diacetate)*** (CAS No.: 71-48-7)	-
42.	硝酸鈷(二價) (Cobalt(II) dinitrate)*** (CAS No.: 10141-05-6)	-
43.	硫酸鈷(二價) (Cobalt(II) sulphate)*** (CAS No.: 10124-43-3)	-
44.	1,2,3-三氯丙烷 (1,2,3-trichloropropane) (CAS No.: 96-18-4)	0.05
45.	鄰苯二甲酸二 (C6-8支鏈)烷基酯，富C7 (1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich) (DIHP) (CAS No.: 71888-89-6)	0.05
46.	鄰苯二甲酸二 (C7-11支鏈與直鏈)烷基酯 (1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters) (DHNUP) (CAS No.: 68515-42-4)	0.05
47.	N-甲基吡咯烷酮 (1-Methyl-2-pyrrolidone) (NMP) (CAS No.: 872-50-4)	0.05
48.	乙二醇乙醚乙酸酯 (2-Ethoxyethyl acetate) (CAS No.: 111-15-9)	0.05
49.	聯氨 (Hydrazine) (CAS No.: 7803-57-8, 302-01-2)	0.05
50.	鉻酸鍶 (Strontium chromate)*** (CAS No.: 7789-06-2)	-
51.	二氯化鈷 (Cobalt dichloride) (CAS No.: 7646-79-9)	0.005
52.	1,2-二氯乙烷 (1,2-Dichloroethane) (CAS No.: 107-06-2)	0.05
53.	4,4'-亞甲雙 (2-氯苯胺) (2,2'-dichloro-4,4'-methylenedianiline) (CAS No.: 101-14-4)	0.05

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No.	物質名稱 (Substance Name)	RL
54.	鄰甲氧基苯胺 (2-Methoxyaniline, o-Anisidine) (CAS No.: 90-04-0)	0.05
55.	對特辛基苯酚 / 辛基酚 (4-(1,1,3,3-tetramethylbutyl)phenol) (CAS No.: 140-66-9)	0.05
56.	矽酸鋁，耐火陶瓷纖維 (主要成分濃度於可變範圍內) (Aluminosilicate Refractory Ceramic Fibres【oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges】)	0.05
57.	砷酸 (Arsenic acid)*** (CAS No.: 7778-39-4)	-
58.	双(2-甲氧基乙基)醚 (Bis(2-methoxyethyl) ether) (CAS No.: 111-96-6)	0.05
59.	鄰苯二甲酸二甲氧基乙酯 (Bis(2-methoxyethyl) phthalate) (CAS No.: 117-82-8)	0.05
60.	砷酸鈣 (Calcium arsenate)*** (CAS No.: 7778-44-1)	-
61.	鉻酸鉻 (Dichromium tris(chromate))*** (CAS No.: 24613-89-6)	-
62.	甲醛與苯胺的寡聚體 (Formaldehyde, oligomeric reaction products with aniline (technical MDA)) (CAS No.: 25214-70-4)	0.05
63.	疊氮化鉛 (Lead diazide, Lead azide)*** (CAS No.: 13424-46-9)	-
64.	苦味酸鉛 (Lead dipicrate)*** (CAS No.: 6477-64-1)	-
65.	中性斯蒂酚酸鉛 (Lead styphnate)*** (CAS No.: 15245-44-0)	-
66.	N,N-二甲基乙醯胺 (N,N-dimethylacetamide) (DMAC) (CAS No.: 127-19-5)	0.05
67.	八氫氧化五鉻酸鋅 (Pentazinc chromate octahydroxide)*** (CAS No.: 49663-84-5)	-
68.	酚酞 (Phenolphthalein) (CAS No.: 77-09-8)	0.05
69.	氫氧化鉻酸鋅鉀 (Potassium hydroxyoctaoxodizincatedichromate)*** (CAS No.: 11103-86-9)	-
70.	砷酸鉛 (Trilead diarsenate)*** (CAS No.: 3687-31-8) (※ S)	-
71.	鋯矽酸鋁，耐火陶瓷纖維 (主要成分濃度於可變範圍內) (Zirconia Aluminosilicate Refractory Ceramic Fibres【oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges】)	0.05
72.	鹼性藍 26 [內含≥ 0.1% 的米氏酮或米氏鹼] ([4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone or Michler's base]) (CAS No.: 2580-56-5)	0.05
73.	鹼性紫 3 [內含≥ 0.1% 的米氏酮或米氏鹼] ([4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone or Michler's base]) (CAS No.: 548-62-9)	0.05
74.	三甘醇二甲醚 (1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)) (CAS No.: 112-49-2)	0.05
75.	乙二醇二甲醚 (1, 2-dimethoxyethane; ethylene glycol dimethyl ether) (EGDME) (CAS No.: 110-71-4)	0.05
76.	異氰尿酸三縮水甘油酯 (1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione) (TGIC) (CAS No.: 2451-62-9)	0.05

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No.	物質名稱 (Substance Name)	RL
77.	異氰尿酸β-三縮水甘油酯 (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) (β-TGIC) (CAS No.: 59653-74-6) (※T)	0.05
78.	α, α-二[(二甲氨基)苯基]-4-甲氨基苯甲醇 [內含≥ 0.1% 的米氏酮或米氏鹼] (4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol) [with ≥ 0.1% of Michler's ketone or Michler's base] (CAS No.: 561-41-1)	0.05
79.	4,4'-二(N,N-二甲氨基)二苯甲酮 (米氏酮) (4,4'-bis(dimethylamino)benzophenone (Michler’ s ketone)) (CAS No.: 90-94-8)	0.05
80.	三氧化二硼 (Diboron trioxide)*** (CAS No.: 1303-86-2)	-
81.	甲醯胺 (Formamide) (CAS No.: 75-12-7)	0.05
82.	甲基磺酸鉛 (Lead(II) bis(methanesulfonate))*** (CAS No.: 17570-76-2)	-
83.	4,4'-(对二甲氨基)二苯基甲烷 (米氏鹼) (N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)) (CAS No.: 101-61-1)	0.05
84.	溶劑藍 4 [內含≥ 0.1% 的米氏酮或米氏鹼] (α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone or Michler's base]) (CAS No.: 6786-83-0)	0.05
85.	[1,2-苯二羧酸根合]二氧化三鉛 ([Phthalato(2-)]dioxotrilead)*** (CAS No.: 69011-06-9)	-
86.	支鏈和直鏈1,2-苯二羧二戊酯 (1,2-Benzenedicarboxylic acid, dipentylester, branched and linear) (CAS No.: 84777-06-0)	0.05
87.	乙二醇二乙醚 (1,2-Diethoxyethane) (CAS No.: 629-14-1)	0.05
88.	正丙基溴 (1-bromopropane (n-propyl bromide)) (CAS No.: 106-94-5)	0.05
89.	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-惡唑烷 (3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine) (CAS No.: 143860-04-2)	0.05
90.	4-(1,1,3,3-四甲基丁基)苯酚, 乙氧基 [以及所有的被定義的物質，未知成分或可變成分的物質，聚合物和同系物] (4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues])	0.05
91.	4,4'-二氨基-3,3'-二甲基聯苯基甲烷 (4,4'-Methylenedi-o-toluidine) (CAS No.: 838-88-0)	0.05
92.	4,4'-二氨基二苯醚 (4,4'-Oxydianiline and its salts) (CAS No.: 101-80-4)	0.05
93.	4-苯基偶氮基苯胺 (4-Aminoazobenzene) (CAS No.: 60-09-3)	0.05
94.	2,4-二氨基甲苯 (2,4-Diaminotoluene) (CAS No.: 95-80-7)	0.05
95.	分支或線性的壬基酚，包括含有9個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支9個碳烷基鏈的UVCB物質 (4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof])	0.05
96.	3-甲基-6-甲氧基苯胺 (6-methoxy-m-toluidine (p-cresidine)) (CAS No.: 120-71-8)	0.05
97.	堿式醋酸鉛 (Acetic acid, lead salt, basic)*** (CAS No.: 51404-69-4)	-
98.	4-氨基聯苯 (Biphenyl-4-ylamine) (CAS No.: 92-67-1)	0.05

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No.	物質名稱 (Substance Name)	RL
99.	十溴聯苯醚 (Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)) (CAS No.: 1163-19-5)	0.05
100.	六氫苯二甲酸酐 (Cyclohexane-1,2-dicarboxylic anhydride (HHPA), cis-cyclohexane-1,2- dicarboxylic anhydride, trans-cyclohexane-1,2- dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)) (CAS No.: 85-42-7, 13149-00-3, 14166-21-3)	0.05
101.	偶氮[二]甲醯胺 (Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) (CAS No.: 123-77-3)	0.05
102.	二氯二丁基錫 (Dibutyltin dichloride) (DBTC)*** (CAS No.: 683-18-1)	-
103.	硫酸二乙酯 (Diethyl sulphate) (CAS No.: 64-67-5)	0.05
104.	鄰苯二甲酸二異戊酯 (Diisopentyl phthalate) (CAS No.: 605-50-5)	0.05
105.	硫酸二甲酯 (Dimethyl sulphate) (CAS No.: 77-78-1)	0.05
106.	2-(1-甲基丙基)-4,6-二硝基苯酚 (Dinoseb (6-sec-butyl-2,4-dinitrophenol)) (CAS No.: 88-85-7)	0.05
107.	雙(十八酸基)二氧代三鉛 (Dioxobis(stearato)trilead)*** (CAS No.: 12578-12-0)	-
108.	C16-18-脂肪酸鉛鹽 (Fatty acids, C16-18, lead salts)*** (CAS No.: 91031-62-8)	-
109.	呋喃 (Furan) (CAS No.: 110-00-9)	0.05
110.	全氟十一酸 (Henicosafluoroundecanoic acid) (CAS No.: 2058-94-8)	0.05
111.	全氟十四酸 (Heptacosafluorotetradecanoic acid) (CAS No.: 376-06-7)	0.05
112.	甲基六氫苯酐 (Hexahydromethylphthalic anhydride) (CAS No.: 25550-51-0) 4-甲基六氫苯酐 (Hexahydro-4-methylphthalic anhydride) (CAS No.: 19438-60-9) 3-甲基六氫苯酐 (Hexahydro-3-methylphthalic anhydride) (CAS No.: 57110-29-9) 1-甲基六氫苯酐 (Hexahydro-1-methylphthalic anhydride) (CAS No.: 48122-14-1)	0.05
113.	四氟硼酸鉛 (II) (Lead bis(tetrafluoroborate))*** (CAS No.: 13814-96-5) (※ D)	-
114.	氨基氰鉛鹽 (Lead cyanamidate)*** (CAS No.: 20837-86-9)	-
115.	硝酸鉛 (Lead dinitrate)*** (CAS No.: 10099-74-8)	-
116.	氧化鉛 (Lead monoxide) (lead oxide)*** (CAS No.: 1317-36-8)	-
117.	堿式硫酸鉛 (Lead oxide sulfate)*** (CAS No.: 12036-76-9)	-
118.	鈦酸鉛 (Lead titanium trioxide)*** (CAS No.: 12060-00-3)	-
119.	鈦酸鉛鋯 (Lead Titanium Zirconium Oxide)*** (CAS No.: 12626-81-2)	-
120.	甲氧基乙酸 (Methoxyacetic acid) (CAS No.: 625-45-6)	0.05
121.	環氧丙烷 (Methyloxirane (Propylene oxide)) (CAS No.: 75-56-9)	0.05
122.	N,N-二甲基甲醯胺 (N,N-dimethylformamide; dimethyl formamide) (CAS No.: 68-12-2)	0.05
123.	N-甲基乙醯胺 (N-methylacetamide) (CAS No.: 79-16-3)	0.05
124.	鄰苯二甲酸正戊異戊酯 (n-pentyl-isopentylphthalate) (CAS No.: 776297-69-9)	0.05
125.	鄰氨基偶氮甲苯 (o-aminoazotoluene) (CAS No.: 97-56-3)	0.05

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No.	物質名稱 (Substance Name)	RL
126.	四氧化鉛 (Orange lead (lead tetroxide))*** (CAS No.: 1314-41-6)	-
127.	鄰甲苯胺 (o-Toluidine) (CAS No.: 95-53-4)	0.05
128.	全氟十三酸 (Pentacosafluorotridecanoic acid) (CAS No.: 72629-94-8)	0.05
129.	氧化鉛與硫酸鉛的複合物 (Pentalead tetraoxide sulphate)*** (CAS No.: 12065-90-6)	-
130.	C.I.顏料黃41 (Pyrochlore, antimony lead yellow)*** (CAS No.: 8012-00-8)	-
131.	含鉛的矽酸鋇 (Silicic acid (H2Si2O5), barium salt (1:1), lead-doped) (※ B) (CAS No.: 68784-75-8)	0.05
132.	矽酸鉛 (Silicic acid, lead salt)*** (CAS No.: 11120-22-2)	-
133.	亞硫酸鉛(II) (Sulfurous acid, lead salt, dibasic)*** (CAS No.: 62229-08-7)	-
134.	四乙基鉛 (Tetraethyllead)*** (CAS No.: 78-00-2)	-
135.	三鹼式硫酸鉛/ C.I. 顏料白 (Tetralead trioxide sulphate)*** (CAS No.: 12202-17-4)	-
136.	全氟十二酸 (Tricosafluorododecanoic acid) (CAS No.: 307-55-1)	0.05
137.	堿式碳酸鉛 (Trilead bis(carbonate) dihydroxide (basic lead carbonate))*** (CAS No.: 1319-46-6)	-
138.	磷酸氧化鉛 (Trilead dioxide phosphonate)*** (CAS No.: 12141-20-7)	-
139.	分支或線性的乙氧化壬基酚，包括含有9個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支9個碳烷基鏈的UVCB物質 (4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof])	0.05
140.	全氟辛酸銨 (Ammonium pentadecafluorooctanoate) (APFO)*** (CAS No.: 3825-26-1)	-
141.	鎘 (Cadmium) (Cd) (CAS No.: 7440-43-9)	0.005
142.	氧化鎘 (Cadmium oxide)*** (CAS No.: 1306-19-0)	-
143.	鄰苯二甲酸二戊酯 (Dipentyl phthalate) (DPP) (CAS No.: 131-18-0)	0.05
144.	全氟辛酸 (Pentadecafluorooctanoic acid) (PFOA) (CAS No.: 335-67-1)	0.05
145.	硫化鎘 (Cadmium sulphide)*** (CAS No.: 1306-23-6)	-
146.	鄰苯二甲酸二正己酯 (Di-n-hexyl phthalate) (DNHP) (CAS No.: 84-75-3)	0.05
147.	直接紅28 (Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)) (CAS No.: 573-58-0)	0.05
148.	直接黑38 (Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)) (CAS No.: 1937-37-7)	0.05
149.	亞乙基硫脲 (Imidazolidine-2-thione (2-imidazoline-2-thiol)) (CAS No.: 96-45-7)	0.05
150.	醋酸鉛 (Lead di(acetate))*** (CAS No.: 301-04-2)	-
151.	磷酸三(二甲苯)酯 (Trixylyl phosphate) (CAS No.: 25155-23-1)	0.05

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No.	物質名稱 (Substance Name)	RL
152.	鄰苯二甲酸二己酯(支鏈和直鏈) (1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear) (CAS No.: 68515-50-4)	0.05
153.	氯化鎘 (Cadmium chloride)*** (CAS No.: 10108-64-2)	-
154.	過硼酸鈉 (Sodium perborate; perboric acid, sodium salt)***	-
155.	過氧偏硼酸鈉 (Sodium peroxometaborate)*** (CAS No.: 7632-04-4)	-
156.	2-(2'-羥基-3',5'-二-叔-戊基苯基)苯並三唑 (紫外線吸收劑328) (2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol) (UV-328) (CAS No.: 25973-55-1)	0.05
157.	2-[2-羥基-3',5'-二-叔-丁基苯基]-苯並三唑 (紫外線吸收劑320) (2-benzotriazol-2-yl-4,6-di-tert-butylphenol) (UV-320) (CAS No.: 3846-71-7)	0.05
158.	二正辛基-雙(2-乙基己基巰基乙酸酯)錫 (2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE))*** (CAS No.: 15571-58-1)	-
159.	氟化鎘 (Cadmium fluoride)*** (CAS No.: 7790-79-6)	-
160.	硫酸鎘 (Cadmium sulphate)*** (CAS No.: 10124-36-4, 31119-53-6)	-
161.	二正辛基-雙(2-乙基己基巰基乙酸酯)錫和單辛基-三(2-乙基己基巰基乙酸酯)錫的反應物 (Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE))***	-
162.	鄰苯二甲酸二(C6-10)烷基酯; 鄰苯二甲酸二己、二辛、二癸酯混合物;鄰苯二甲酸二己酯 ≧ 0.3% (1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with ≧ 0.3% of dihexyl phthalate) (CAS No.: 68515-51-5, 68648-93-1)	0.05
163.	5-二級丁基-2-(2,4-二甲基環己-3-烯-1-基)-5-甲基-1,3-二氧環己烷[1],5-二級丁基-2-(4,6-二甲基環己-3-烯-1-基)-5-甲基-1,3-二氧環己烷[2],[任何[1]和[2]或者其任意組合的單獨異構物或其任何組合] (5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof])	0.05
164.	1,3-丙烷磺內酯 (1,3-propanesultone) (CAS No.: 1120-71-4)	0.05
165.	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚(紫外線吸收劑327) (2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol) (UV-327) (CAS No.: 3864-99-1)	0.05
166.	2-(3-仲-丁基-5-叔丁基-2-羟苯基)苯并三唑(紫外線吸收劑 UV-350) (2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol) (UV-350) (CAS No.: 36437-37-3)	0.05
167.	硝基苯 (Nitrobenzene) (CAS No.: 98-95-3)	0.05
168.	全氟壬酸 (Perfluorononan-1-oic-acid and its sodium and ammonium salts) (CAS No.: 375-95-1, 21049-39-8, 4149-60-4)	0.05
169.	苯并(a)芘 (Benzo[def]chrysene (Benzo[a]pyrene)) (CAS No.: 50-32-8)	0.05

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No.	物質名稱 (Substance Name)	RL
170.	雙酚A (4,4'-isopropylidenediphenol) (Bisphenol A) (CAS No.: 80-05-7)	0.05
171.	4-庚基苯酚，支鍊及直鍊 (4-HPbl)，包括含有7個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支7個碳烷基鏈的UVCB物質 (4-Heptylphenol, branched and linear (4-HPbl) [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof])	0.05
172.	十九氟癸酸及其鈉和銨鹽 (Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts) (CAS No.: 3108-42-7, 335-76-2, 3830-45-3)	0.05
173.	對(1,1-二甲基丙基)苯酚 (p-(1,1-dimethylpropyl)phenol) (CAS No.: 80-46-6)	0.05
174.	全氟己基磺酸及其鹽類 (Perfluorohexane-1-sulphonic acid and its salts) (PFHxS) (CAS No.: 355-46-4)	0.05
175.	德克隆(涵蓋各個反式及順式同分易構物或者相關組合) (1,6,7,8,9,14,15,16,17, 17,18,18-Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM) [covering any of its individual anti- and syn-isomers or any combination thereof])	0.05
176.	苯並[a]蒽 (Benz[a]anthracene) (CAS No.: 56-55-3)	0.05
177.	硝酸鎘 (Cadmium nitrate)*** (CAS No.: 10325-94-7)	-
178.	碳酸鎘 (Cadmium carbonate)*** (CAS No.: 513-78-0)	-
179.	氫氧化鎘 (Cadmium hydroxide)*** (CAS No.: 21041-95-2)	-
180.	苯並[a]菲 (Chrysene) (CAS No.: 218-01-9)	0.05
181.	1,3,4-噻唑烷-2,5-二硫酮，甲醛及4-庚基苯酚支鏈及直鏈反應物, (RP-HP) [含≥0.1% w/w 支鏈及直鏈4-庚基苯酚] (Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]) (※ R)	-
182.	鄰苯二甲酸二環己酯 (Dicyclohexyl phthalate) (DCHP) (CAS No.: 84-61-7)	0.05
183.	1,2,4-苯三甲酸酐 (Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)) (CAS No.: 552-30-7)	0.05
184.	苯並(G,H,I)苝 (Benzo[ghi]perylene) (CAS No.: 191-24-2)	0.05
185.	八甲基環四矽氧烷 (Octamethylcyclotetrasiloxane) (D4) (CAS No.: 556-67-2)	0.05
186.	十甲基環五矽氧烷 (Decamethylcyclopentasiloxane) (D5) (CAS No.: 541-02-6)	0.05
187.	十二甲基環六矽氧烷 (Dodecamethylcyclohexasiloxane) (D6) (CAS No.: 540-97-6)	0.05
188.	氧化硼鈉 (Disodium octaborate)*** (CAS No.: 12008-41-2)	-
189.	乙二胺 (Ethylenediamine) (CAS No.: 107-15-3)	0.05
190.	鉛 (Lead) (Pb) (CAS No.: 7439-92-1) (●)	0.005
191.	氫化三聯苯 (Terphenyl, hydrogenated) (CAS No.: 61788-32-7)	0.05
192.	2,2-雙(4-羥基苯基)-4-甲基戊烷 (2,2-bis(4'-hydroxyphenyl)-4-methylpentane) (CAS No.: 6807-17-6)	0.05

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No.	物質名稱 (Substance Name)	RL
193.	苯駢(k)螢蒽 (Benzo[k]fluoranthene) (CAS No.: 207-08-9)	0.05
194.	苯駢芴 (Fluoranthene) (CAS No.: 206-44-0)	0.05
195.	菲 (Phenanthrene) (CAS No.: 85-01-8)	0.05
196.	芘 (Pyrene) (CAS No.: 129-00-0)	0.05
197.	1,7,7-三甲基-3-(苯亞甲基)雙環[2,2,1]庚-2-酮 (1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)) (CAS No.: 15087-24-8)	0.05
198.	2,3,3,3-四氟-2-(七氟丙氧基)丙酸，鹽類，及其醯鹵(涵蓋他們其個別和組合之同分異構物) (2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof))	0.05
199.	2-甲烷氧基乙基乙酯 (2-methoxyethyl acetate) (CAS No.: 110-49-6)	0.05
200.	4-叔丁基苯酚 (4-tert-butylphenol) (CAS No.: 98-54-4)	0.05
201.	三(4-壬苯基,支鏈及直鏈)亞磷酸酯 (Tris(4-nonylphenyl, branched and linear) phosphite (TNPP))	0.05
202.	二異己基鄰苯二甲酸酯 (Diisohexyl phthalate) (CAS No.: 71850-09-4)	0.05
203.	2-苄基-2-二甲基氨基-1-(4-嗎啉苯基)丁酮 (2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone) (CAS No.: 119313-12-1)	0.05
204.	2-甲基-1-(4-甲硫基苯基)-2-嗎啡基-1-丙酮 (2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one) (CAS No.: 71868-10-5)	0.05
205.	全氟丁磺酸及其相關鹽類 (Perfluorobutane sulfonic acid (PFBS) and its salts)	0.05
206.	1-乙烯基咪唑 (1-vinylimidazole) (CAS No.: 1072-63-5)	0.05
207.	2-甲基咪唑 (2-methylimidazole) (CAS No.: 693-98-1)	0.05
208.	4-羥基苯甲酸丁酯 (Butyl 4-hydroxybenzoate) (CAS No.: 94-26-8)	0.05
209.	二正丁基雙(乙醯丙酮基)錫 (Dibutylbis(pentane-2,4-dionato-O,O')tin)*** (CAS No.: 22673-19-4)	-
210.	雙(2-(2-甲氧基乙氧基)乙基)醚 (Bis(2-(2-methoxyethoxy)ethyl) ether) (CAS No.: 143-24-8)	0.05
211.	二月桂酸二辛基錫，錫烷，二辛基-，雙(椰油醯氧基)衍生物，以及任何其他錫烷，二辛基-，雙(脂肪醯氧基)衍生物。其中C12為脂肪醯氧基部分的主要碳原子數 (Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety)***	-
212.	1,4-二氧陸圜 (1,4-dioxane) (CAS No.: 123-91-1)	0.05
213.	2,2-雙(溴甲基)-1,3-丙二醇 (2,2-bis(bromomethyl)propane1,3-diol) (BMP) (CAS No.: 3296-90-0)	0.05
	3-溴-2,2-雙(溴甲基)-1-丙醇 (2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol) (TBNPA) (CAS No.: 36483-57-5, 1522-92-5)	0.05
	2,3-二溴-1-丙醇 (2,3-dibromo-1-propanol) (2,3-DBPA) (CAS No.: 96-13-9)	0.05

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中國鋼鐵股份有限公司 (CHINA STEEL CORPORATION)
高雄市小港區中鋼路1號 (1, CHUNG KANG RD., HSIAO KANG, KAOHSIUNG 81233, TAIWAN, REPUBLIC OF CHINA)

No.	物質名稱 (Substance Name)	RL
214.	2-(4-叔丁基苄基)丙醛及其個別立體異構物 ((2R)-3-(4-叔丁基苯基)-2-甲基丙醛; 2-(4-叔丁基苄基)丙醛; (2S)-3-(4-叔丁基苯基)-2-甲基丙醛) (2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers ((2R)-3-(4-tert-butylphenyl)-2-methylpropanal; 2-(4-tert-butylbenzyl)propionaldehyde; (2S)-3-(4-tert-butylphenyl)-2-methylpropanal)) (CAS No.: 75166-31-3; 80-54-6; 75166-30-2)	0.05
215.	雙酚B (4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)) (CAS No.: 77-40-7)	0.05
216.	戊二醛 (Glutaral) (CAS No.: 111-30-8)	0.05
217.	中鏈氯化石蠟 (C14-16); 中鏈氯化石蠟 (C14-17); 二、三及四氯十四烷; 十四烷氯衍生物 (Alkanes, C14-16, chloro; Alkanes, C14-17, chloro; di-, tri- and tetrachlorotetradecane; Tetradecane, chloro derivs.) (CAS No.: 1372804-76-6; 85535-85-9; 198840-65-2)	0.05
218.	硼酸鈉鹽 (Orthoboric acid, sodium salt)*** (CAS No.: 13840-56-7)，硼酸鈉鹽及其水合物; 硼酸二鈉鹽; 硼酸三鈉; 硼酸鈉; 硼酸鈉鹽 (1:1) (boric acid (H3BO3), sodium salt, hydrate; Boric acid (H3BO3), disodium salt; Trisodium orthoborate; Boric acid, sodium salt; Boric acid (H3BO3), sodium salt (1:1)) (CAS No.: 25747-83-5; 22454-04-2; 14312-40-4; 1333-73-9; 14890-53-0) (※ U)	-
219.	經由低聚合反應烷基化的苯酚產物(主要在對位位置)帶有12個碳的支鏈或直鏈，並涵蓋各種同分異構物及/或其各種組合 (支鏈 4-十二烷基苯酚; 4-異十二烷基苯酚; 4-異十二烷基苯酚; 支鏈十二烷基苯酚; 四丙烯基苯酚衍生物; 四丙烯苯酚) (Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) (Phenol, 4-dodecyl, branched; 4-isododecylphenol; Phenol, 4-isododecyl-; Phenol, dodecyl-, branched; Phenol, (tetrapropenyl) derivatives; Phenol, tetrapropylene-)) (CAS No.: 210555-94-5; 27459-10-5; 27147-75-7; 121158-58-5; 74499-35-7; 57427-55-1)	0.05
220.	(±)-1,7,7-三甲基-3-[(4-甲基苯基)亞甲基]二環[2.2.1]庚烷-2-酮，包括各個異構體和/或其組合 ((±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof) (4-MBC)	0.05
221.	6,6'雙二叔丁基-2,2'-亞甲基雙對甲酚 (6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol) (DBMC) (CAS No.: 119-47-1)	0.05
222.	硫-(三環[5.2.1.0'2,6]癸-3-烯-8(或9)-基) 氧-(異丙基或異丁基或2-乙基己基) 氧-(異丙基或異丁基或2-乙基己基)二硫代磷酸酯 (S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate) (CAS No.: 255881-94-8) (※ G)	0.05
223.	三(2-甲氧基乙氧基)乙烯基矽烷 (Tris(2-methoxyethoxy)vinylsilane) (CAS No.: 1067-53-4)	0.05
224.	N-羥甲基丙烯醯胺 (N-(hydroxymethyl)acrylamide) (CAS No.: 924-42-5)	0.05
225.	1,2-雙(2,4,6-三溴苯氧基)乙烷 (1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]) (CAS No.: 37853-59-1)	0.05
226.	四溴雙酚A (2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol) (CAS No.: 79-94-7)	0.05
227.	雙酚S (4,4'-sulphonyldiphenol) (CAS No.: 80-09-1)	0.05

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中國鋼鐵股份有限公司 (CHINA STEEL CORPORATION)
高雄市小港區中鋼路1號 (1, CHUNG KANG RD., HSIAO KANG, KAOHSIUNG 81233, TAIWAN, REPUBLIC OF CHINA)

No.	物質名稱 (Substance Name)	RL
228.	偏硼酸鋇 (Barium diboron tetraoxide)*** (CAS No.: 13701-59-2) (※ A)	-
229.	雙(2-乙基己基)四溴鄰苯二甲酸酯，覆蓋任何單個異構體和/或其組合 (Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof)	0.05
230.	4-羥基苯甲酸 2-甲基丙酯 (Isobutyl 4-hydroxybenzoate) (CAS No.: 4247-02-3)	0.05
231.	三聚氰胺 (Melamine) (CAS No.: 108-78-1)	0.05
232.	全氟庚酸及其鹽類 (Perfluoroheptanoic acid and its salts)	0.05
233.	2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙烷-2-基)嗎啉和2,2,3,3,5,5,5,6,6-八氟烷-4-(七氟丙基)嗎啉的反應物料 (reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine) (※ I)	0.05
234.	4,4'-二氯二苯基碸 (Bis(4-chlorophenyl) sulphone) (CAS No.: 80-07-9)	0.05
235.	(2,4,6-三甲基苯甲醯基)二苯基氧化磷 (Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide) (CAS No.: 75980-60-8)	0.05
236.	2,4,6-三叔丁基苯酚 (2,4,6-tri-tert-butylphenol) (CAS No.: 732-26-3)	0.05
237.	2-(2H-苯並三唑-2-基)-4-(1,1,3,3-四甲基丁基)苯酚 (紫外線吸收劑329) (2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol) (CAS No.: 3147-75-9)	0.05
238.	2-二甲氨基-2-(4-甲基)苄基-1-[4-(4-嗎啉基)苯基]-1-丁酮 (2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one) (CAS No.: 119344-86-4)	0.05
239.	2-(5-氯-2-苯三唑基)-6-叔丁基-4-甲基苯酚 (紫外線吸收劑326) (Bumetrizole) (CAS No.: 3896-11-5)	0.05
240.	2-苯基丙烯與苯酚的低聚合烷基化反應物 (Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol)	0.05
241.	過氧化二異丙苯 (Bis(α,α-dimethylbenzyl) peroxide) (CAS No.: 80-43-3)	0.05
242.	磷酸三苯酯 (Triphenyl phosphate) (CAS No.: 115-86-6)	0.05
243.	6-[(C10-C13)-烷基-(支鏈，不飽和)-2,5-二氧代吡咯烷-1-基]己酸 (6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid) (CAS No.: 2156592-54-8)	0.05
244.	硫代磷酸(O,O,O-三苯基)酯 (O,O,O-triphenyl phosphorothioate) (CAS No.: 597-82-0)	0.05
245.	八甲基三矽氧烷 (Octamethyltrisiloxane) (CAS No.: 107-51-7)	0.05
246.	全氟三丙胺 (Perfluamine) (CAS No.: 338-83-0)	0.05
247.	三苯基硫代磷酸與叔丁基苯衍生物的反應物 (Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives) (CAS No.: 192268-65-8)	0.05
248.	甲基三(三甲基矽烷氧基)矽烷 (1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane) (CAS No.: 17928-28-8)	0.05
249.	十甲基四矽氧烷 (Decamethyltetrasiloxane) (CAS No.: 141-62-8)	0.05
250.	活性棕51 (Reactive Brown 51)*** (※ J)	-

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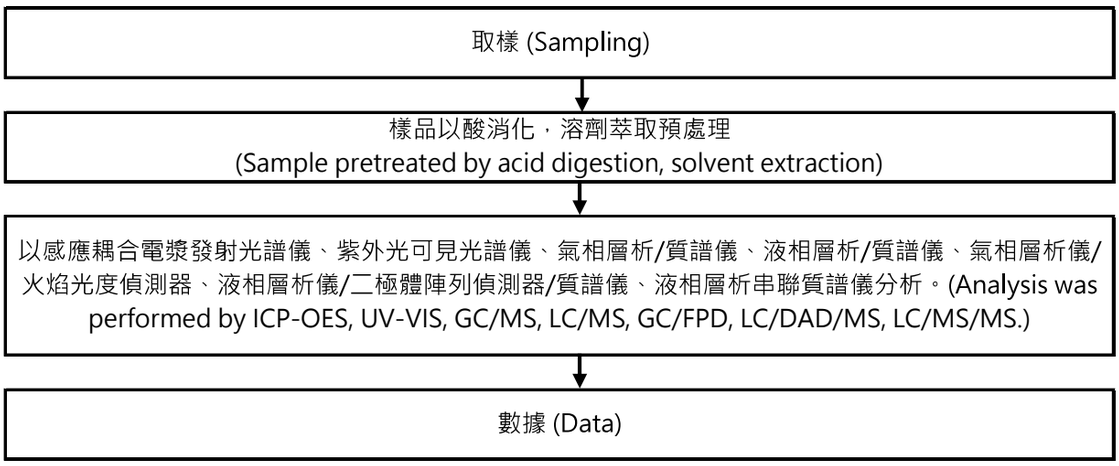
中國鋼鐵股份有限公司 (CHINA STEEL CORPORATION)
高雄市小港區中鋼路1號 (1, CHUNG KANG RD., HSIAO KANG, KAOHSIUNG 81233, TAIWAN, REPUBLIC OF CHINA)

SVHC 分析流程圖 (Analytical flow chart of SVHC)



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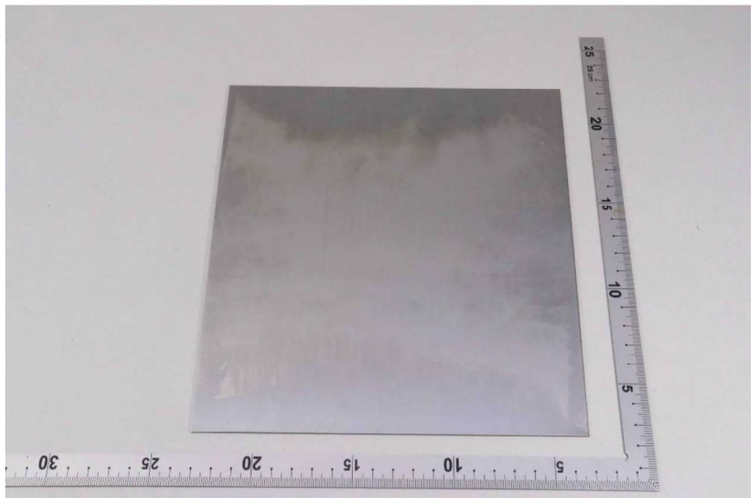
測試報告
Test Report

中國鋼鐵股份有限公司 (CHINA STEEL CORPORATION)
高雄市小港區中鋼路1號 (1, CHUNG KANG RD., HSIAO KANG, KAOHSIUNG 81233, TAIWAN, REPUBLIC OF CHINA)

*** 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.)

EKR24701570



** 報告結尾 (End of Report) **

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測試報告
Test Report

號碼(No.): ETR25802447　　日期(Date): 19-Aug-2025　　

彣庭企業有限公司 (WEN TING QIYE YOU XIAN GONG SI)
新北市土城區永豐路195巷7弄12號 (THE TAIBEI COUNTY BANQIAO EARTHEN CITY WALL CITY YONGFENG ROAD 195 LANES 7 MAKE 12)

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)	:	彣庭企業有限公司 (WEN TING QIYE YOU XIAN GONG SI)
樣品名稱(Sample Name)	:	鹼性無氰鍍鋅
樣品型號(Style/Item No.)	:	三價鉻白鋅鐵件

==========

收件日(Sample Receiving Date)	:	12-Aug-2025
測試期間(Testing Period)	:	12-Aug-2025 to 19-Aug-2025

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

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

結　　論(Conclusion) :
(1) 根據客戶所提供的樣品，其鎘、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP, BBP, DEHP, DIBP的測試結果符合RoHS 2011/65/EU Annex II暨其修訂指令(EU) 2015/863之限值要求。 (Based on the performed tests on submitted sample(s), the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.)

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

PIN CODE: DB6F742F

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測試報告
Test Report

彣庭企業有限公司 (WEN TING QIYE YOU XIAN GONG SI)
新北市土城區永豐路195巷7弄12號 (THE TAIBEI COUNTY BANQIAO EARTHEN CITY WALL CITY YONGFENG ROAD 195 LANES 7 MAKE 12)

測試部位敘述 (Test Part Description)

No.1 : 銀藍色金屬 (含鍍層) (SILVER-BLUE COLORED METAL (INCLUDING THE PLATING LAYER))

測試結果 (Test Results)

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

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測試報告
Test Report

彣庭企業有限公司 (WEN TING QIYE YOU XIAN GONG SI)
新北市土城區永豐路195巷7弄12號 (THE TAIBEI COUNTY BANQIAO EARTHEN CITY WALL CITY YONGFENG ROAD 195 LANES 7 MAKE 12)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.1	限值 (Limit)
一溴聯苯醚 (Monobromodiphenyl ether)	參考IEC 62321-6: 2015，以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)		mg/kg	5	n.d.	-
三溴聯苯醚 (Tribromodiphenyl ether)		mg/kg	5	n.d.	-
四溴聯苯醚 (Tetrabromodiphenyl ether)		mg/kg	5	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	5	n.d.	-
六溴聯苯醚 (Hexabromodiphenyl ether)		mg/kg	5	n.d.	-
七溴聯苯醚 (Heptabromodiphenyl ether)		mg/kg	5	n.d.	-
八溴聯苯醚 (Octabromodiphenyl ether)		mg/kg	5	n.d.	-
九溴聯苯醚 (Nonabromodiphenyl ether)		mg/kg	5	n.d.	-
十溴聯苯醚 (Decabromodiphenyl ether)		mg/kg	5	n.d.	-
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 phthalate (BBP))	參考IEC 62321-8: 2017，以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP))		mg/kg	50	n.d.	1000
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP))		mg/kg	50	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP))		mg/kg	50	n.d.	1000
氟 (F) (Fluorine (F)) (CAS No.: 14762-94-8)	參考BS EN 14582: 2016，以離子層析儀分析。(With reference to BS EN 14582: 2016, analysis was performed by IC.)	mg/kg	50	n.d.	-
氯 (Cl) (Chlorine (Cl)) (CAS No.: 22537-15-1)		mg/kg	50	n.d.	-
溴 (Br) (Bromine (Br)) (CAS No.: 10097-32-2)		mg/kg	50	n.d.	-
碘 (I) (Iodine (I)) (CAS No.: 14362-44-8)		mg/kg	50	n.d.	-
全氟辛烷磺酸及其鹽類 (PFOS and its salts) (Perfluorooctane sulfonates and its salts (PFOS and its salts)) (CAS No.: 1763-23-1 and its salts)	修改EN 17681-1: 2025，以液相層析串聯質譜儀分析。(Modified EN 17681-1: 2025, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.	-

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測試報告
Test Report

彣庭企業有限公司 (WEN TING QIYE YOU XIAN GONG SI)
新北市土城區永豐路195巷7弄12號 (THE TAIBEI COUNTY BANQIAO EARTHEN CITY WALL CITY YONGFENG ROAD 195 LANES 7 MAKE 12)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.1	限值 (Limit)
全氟辛酸及其鹽類 (PFOA and its salts) (Perfluorooctanoic acid and its salts (PFOA and its salts)) (CAS No.: 335-67-1 and its salts)	修改EN 17681-1: 2025，以液相層析串聯質譜儀分析。(Modified EN 17681-1: 2025, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.	-

備註(Note)：

1. mg/kg = ppm；0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出)；小於MDL / Less than MDL
4. "-" = Not Regulated (無規格值)
5. (#2) =
   a. 當六價鉻結果大於0.13 μg/cm²，表示樣品表層含有六價鉻。(The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 μg/cm². The sample coating is considered to contain Cr(VI).)
   b. 當六價鉻結果為n.d. (濃度小於0.10 μg/cm²)，表示表層不含六價鉻。(The sample is negative for Cr(VI) if Cr(VI) is n.d. (concentration less than 0.10 μg/cm²). The coating is considered a non-Cr(VI) based coating)
   c. 當六價鉻結果介於 0.10 及 0.13 μg/cm² 時，無法確定塗層是否含有六價鉻。(The result between 0.10 μg/cm² and 0.13 μg/cm² is considered to be inconclusive - unavoidable coating variations may influence the determination.)
6. 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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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.
PFOS, 及其鹽&衍生物 (PFOS, its salts & derivatives)	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(C2H4OH)2) Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(C2H4OH)2)	70225-14-8
	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
	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

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
PFOS, 及其鹽&衍生物 (PFOS, its salts & derivatives)	全氟辛基磺酸鈉 (PFOS-Na) Perfluorooctanesulfonic acid, sodium salt (PFOS-Na)	4021-47-0
	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
	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_3H_7)$_3$(C_5H_{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_3H_7)$_3$(C_5H_{11}))	56773-56-9
	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_4H_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_4H_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) Iodonium, 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
	二苯基鋶(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 (1:1)	258341-99-0

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
PFOS, 及其鹽&衍生物 (PFOS, its salts & derivatives)	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
	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鏻 (PFOS-P(C_4H_9)$_4$)) Tetrabutylphosphonium perfluorooctane sulfonate (PFOS-P(C_4H_9)$_4$))	2185049-59-4
	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}全氟辛烷磺酸氮鎓鹽 (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
	全氟辛基磺醯氯(PFOS-Cl) Perfluoro-1-octanesulfonyl chloride (PFOS-Cl)	423-60-9
PFOA, 及其鹽&衍生物 (PFOA, its salts & derivatives)	全氟辛酸 (Perfluorooctanoic acid) (PFOA)	335-67-1
	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
	全氟辛氟 (PFOA-F) Perfluorooctanoyl fluoride (PFOA-F)	335-66-0

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群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
PFOA, 及其鹽&衍生物 (PFOA, its salts & derivatives)	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 acid--piperazine (2/1)PFOA-NH($C_4H_{10}N$)	423-52-9
	全氟辛酸鹽 Pentadecafluorooctanoate (anion)	45285-51-6
	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_2O)$_2$) 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_2O)$_2$)	98065-31-7

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新北市土城區永豐路195巷7弄12號 (THE TAIBEI COUNTY BANQIAO EARTHEN CITY WALL CITY YONGFENG ROAD 195 LANES 7 MAKE 12)

群組名稱 (Group Name)	物質名稱 (Substance Name)	CAS No.
PFOA, 及其鹽&衍生物 (PFOA, its salts & derivatives)	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_2H_7N) 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_2H_7N)	1376936-03-6
	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
	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
	全氟辛醯氯 (PFOA-Cl) Pentadecafluorooctanoyl chloride (PFOA-Cl)	335-64-8

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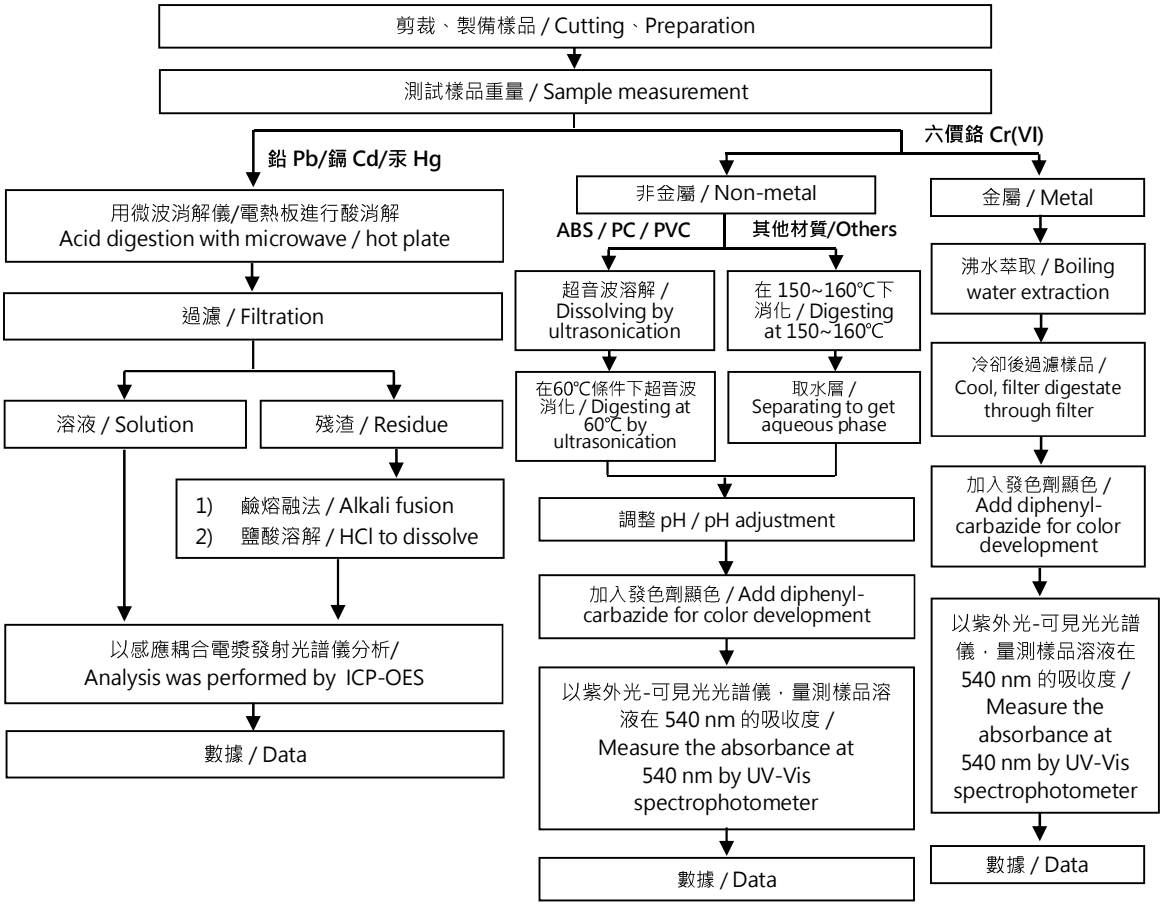
重金屬流程圖 / Analytical flow chart of heavy metal

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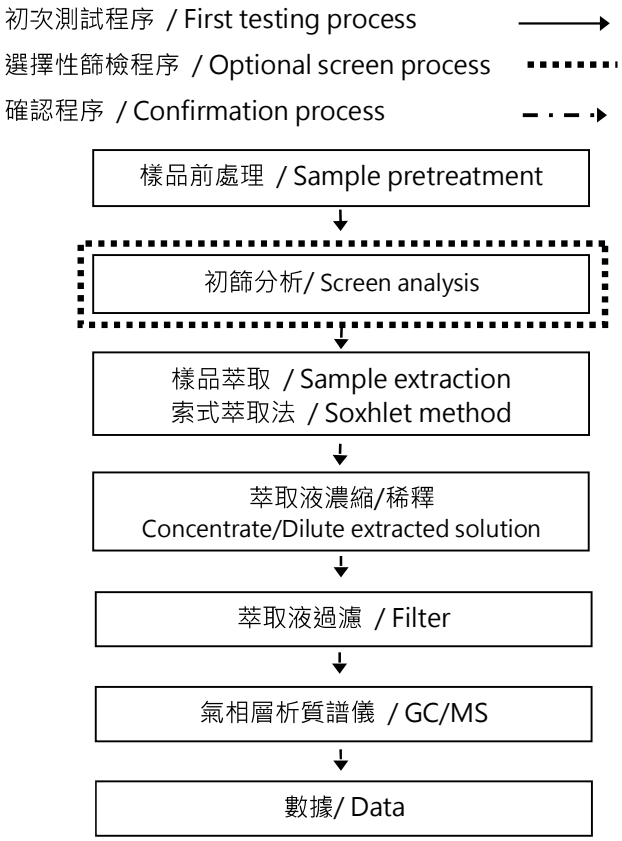
多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs



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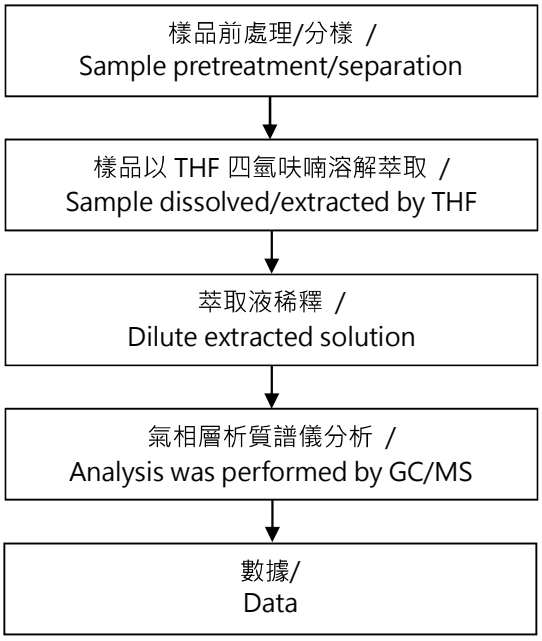
可塑劑分析流程圖 / Analytical flow chart - Phthalate

【測試方法/Test method: IEC 62321-8】



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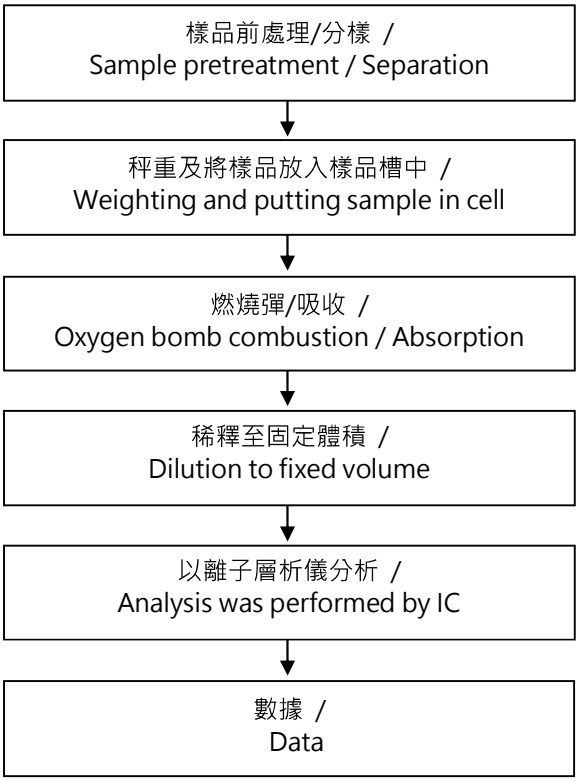
鹵素分析流程圖 / Analytical flow chart - Halogen



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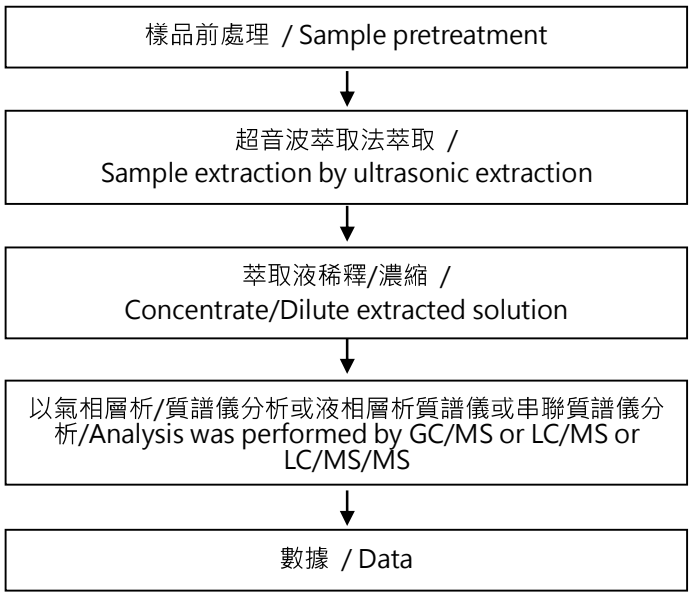
全氟化合物(包含全氟辛酸/全氟辛烷磺酸/其相關化合物等等)分析流程圖 / Analytical flow chart – PFAS (including PFOA/PFOS/its related compound, etc.)



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測試報告
Test Report

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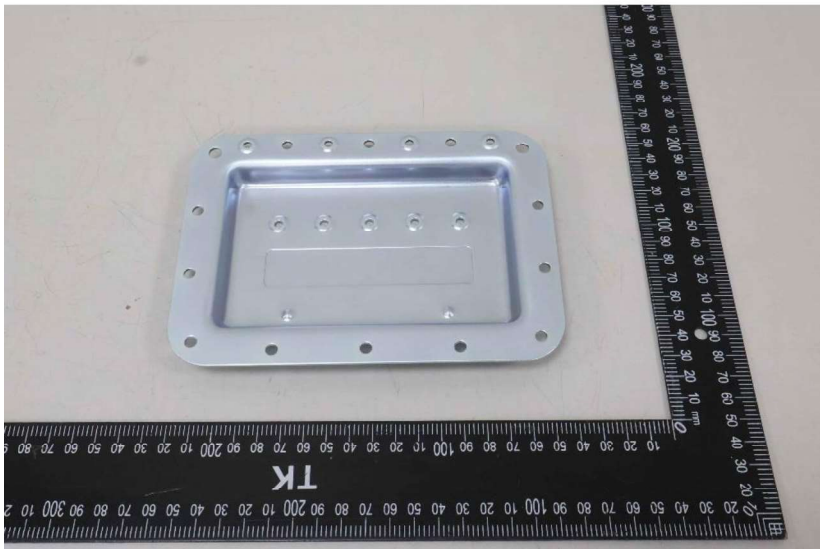
*** 照片中如有箭頭標示，則表示為實際檢測之樣品/部位. ***
(The tested sample / part is marked by an arrow if it's shown on the photo.)

ETR25802447



** 報告結尾 (End of Report) **

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