測試報告
Test Report

號碼(No.): ETR23804682V01　　日期(Date): 30-Aug-2023　　頁數(Page): 1 of 8

埈銘科技有限公司 (HAIMALY CORPORATION)
台北市羅斯福路二段66巷21號3樓 (3F, NO.21, LANE 66, SEC.2, ROOSEVELT ROAD, TAIPEI, R.O.C.)

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

送樣廠商(Sample Submitted By)	:	埈銘科技有限公司 (HAIMALY CORPORATION)
樣品名稱(Sample Name)	:	ADHESIVES (接著劑)
樣品型號(Style/Item No.)	:	請參考第2頁 (PLEASE REFER TO PAGE 2)

==========

收件日(Sample Receiving Date)	:	23-Aug-2023
測試期間(Testing Period)	:	23-Aug-2023 to 30-Aug-2023

測試需求(Test Requested) : 依據客戶指定，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, to test 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.)

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

CHECK REPORT
PIN CODE: F8FD641F

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俊銘科技有限公司 (HAIMALY CORPORATION)
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樣品型號(Style/Item No.)
客戶自行調配之樣品 (SAMPLE IS BLENDED BY CLIENT)

GU-201 GU-202 GU-203 GU-205 GU-206 GU-207 GU-208 GU-209 GU-210 GU-211 GU-212 GU-213 GU-215 GU-216 GU-217 GU-218 GU-219 GU-220 GU-8201 GU-8202 GU-8203 GU-8205 GU-8206 GU-8207 GU-8208 GU-8209 GU-8210 GU-8211 GU-8212 GU-8213 GU-8215 GU-8216 GU-8217 GU-8218 GU-8219 GU-8220 HB-100 HB-200 HB-300 HB-400 HB-500 HB-600 HB-700 HB-800 HB-900 HB-1000 HB-2000 HB-3000 HB-5000 HB-6000 HB-7000 HB-8000 HB-9000 HB-8801 HB-8802 HB-8803 HB-8805 HB-8806 HB-8807 HB-8808 HB-8809 HB-501 HB-502 HB-503 HB-505 HB-506 HB-507 HB-508 HB-509 HB-801 HB-802 HB-803 HB-805 HB-806 HB-807 HB-808 HB-809 HB-111 HB-222 HB-333 HB-555 HB-666 HB-777 HB-888 HB-999 HB-101 HB-202 HB-303 HB-505 HB-606 HB-707 HB-808 HB-909 SFR-8100 SFR-8200 AS-688 AS-68801 AS-68802 AS-68803 AS-68851 AS-68852 AS-68853 AS-68861 AS-68862 AS-68863 AS-698 SC901 SC950 SC970 SE4420 TSE3941 EA-9189 9168 9176 9176L 7091 LDC-7091 DC-7091 3140 DC 3140 LDC 3140 3145 FB-300 FB300 FB300Z FB320W FB500 FB500H FB500Z KS-100 KE-40 KE-45 KE-44 KE-441 KE4560G 732 780 LDC-737 DC-737 EA4100 EA-4190 CN8603 8008 SX720 SX720W 9761 9765 9661E 9665E 9311 9331 9661 9662 G-485 GB-500 GB-501 GB-502 GB-503 GB-505 GB-506 GB-507 GB-508 GB-509 GB-510 GB-511 GB-512 GB-513 GB-515 GB-516 GB-517 GB-518 GB-519 GB-520 GL-900 GL-901 GL-902 GL-903 GL-905 GL-906 GL-907 GL-908 GL-909 GL-910 GB-800 GB-801 GB-802 GB-803 GB-805 GB-806 GB-807 GB-808 GB-809 GB-810 GB-8800 GB-8801 GB-8802 GB-8803 GB-8805 GB-8806 GB-8807 GB-8808 GB-8809 GB-8810 GB-8811 GB-8812 GB-8813 GB-8815 GB-8816 GB-8817 GB-8818 GB-8819 GB-8820 558 390 FH-7063 8645 FH-8645 1102UL 1108UL 1041 105 863H1 918A 705 870 863 867 869 GG-100 GG-200 GG-300 GG-400 GG-500 GG-600 GG-700 GG-800 GG-900 52025 GG-601 GG-602 GG-603 GG-605 GG-606 GG-607 GG-608 GG-609 GG-610 CN-8880 BB-1000 HC-300 HC300 HTC HTCX HTCP HTSP U150 STG-710 STG-711 STG-712 STG-713 STG-715 STG-716 STG-717 STG-718 STG-719 GG-1100 GG-2100 GG-3100 GG-5100 GG-6100 GG-7100 GG-8100 GG-9100 TB-1530 BB-2100 SB-2100 GA-505 GA-530 GA-540 GB-505 GB-530 GB-540 GE-505 GE-530 GE-540 GB-101 GB-202 GB-303 GB-505 GB-606 GB-707 GB-808 GB-909 GE-101 GE-202 GE-303 GE-505 GE-606 GE-707 GE-808 GE-909 5940 **5940AS / 5940BHK** E-759-1/H-7 EP-399FR EP119 EP383FR EP141FR EP641FR(A)/EP641FR(B) EP383FR EP641FRG(A)/EP641FR(B) X1087 X1087GY X1087NC X1087NM X1087RD X1087WE X1087BK KET-132A/B 5299 SFY-131 SFY-161 SFY-171 SJB-2062 160 170 DC -160 DC-170 KDW-3582 KDW-819R KDW-1608 KDW-1807 KDW-1536 KG-451R KG-454R KDW-606 KDW-608 KDW-759-1 E532-1A/H532-1B E532/H532 E536/H536 E537-A/H537-B E759/H759 E-5322/H-5322 5339 5350 KDW-740 KDW-750 108 424 102 H5 GP-250 303 GB-7400 303 GB-303 GB-200 GP-200 A-101 A-102 A-103 A-105 A-106 A-107 A-108 A-109 A-111 A-112 A-113 A-115 A-116 A-117 A-118 A-120 SB-3000 D-3 606 A-222 A-333 A-555 A-666 A-777 A-888 A-999 A-777-1 A-202 A-303 A-505 A-606 A-707 A-808 A-909 W-7 GB-W7 P-7 GB-P7 S-7 GB-S7 PR-200 H-500 6118-UL FR6800 FR6900 508 D-108 HB-268 **SC608Z2 SC608** HB-1680 575 MSC-2577 D-1603HFR-HS FR-2210 SC121 1-2577 1-2577 LOW VOC DC 1-2577LV LDC-2577D CE-1170 CE-1171 EGC-1700 SJ6000P SJ7000P SJ4000 SCC3 ISOPAR E GM-520 GB-8120 GB-8110 CDA8 CHA8 SM-120 SM-110 GE-109 GE-110 GE-111 GE-112 GE-113 GE-115 GE-116 GE-117 GE-118 GE-120 GE-150 GE-250 GE-350 GE-450 GE-550 GE-650 GE-750 GE-850 384 7387 460 263 3542 604 618 2000 1A27 1A33 1B31 1B73 521 UV40 3-1953 3-1965 F205-A/H042 F400-A/F400-B F400AB F500-A/F500-B F500AB CE-1155 CV-1152 R-1001 C5011 471-5LL UV3342LV UV3358LV SJ6000P SJ7000P KDW-3582 KDW-819R AS-688 AS-698 KDW-1608 KDW-1807 KDW-1536 KG-451R KG-454R KDW-606 KDW-608 KDW-730 KDW-740 KDW-750 ELANZ5262 ELANZ5282 EIP4260 MC4260/W4260 EIP4682 MC4682/W4682 471-5LL 471-5LL-HV E-88A/C-89A MC24/WL24 MC24/WH24 MC62/W363 MC633/W633 MC3/W103 720R12 MICARES730FR X1080R14 X1087GY X1087NC X1087NM X1087RD X1087WE X1087BK X1311 E-759-1/H-759-1 E532-1A/H532-1B E532/H532 E536/H536 E537-A/H537-B E759/H759 E-5322/H-5322 SFR-8200 SFR-8100 SFY-161 SFY-171 SFY-131 STG-710 STG-711 STG-712 JDB760 JDB780 JDB890-PU JDB910 JDB920 JDB930 JDB805 JDB807 JDB811 JDB832 JDB890 WK-901AR-2 WK-901B WK-969 WK-5055 8626 5291 5295 5295C 5296 5299 5297 9311 9331 9661 9661 9761 9765 9661E 9665E 4120 4120M 5113 5290 5280 5296N 5282 906 2 EP119 EP141FR EP641FR(A)/EP641FR(B) EP641FRG(A)/EP641FR(B) EP383FR FB300 FB300Z FB320W FB500 FB500H FB500Z UV1799 AR2054 PU1030

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測試報告
Test Report

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測試部位敘述 (Test Part Description)

No.1 : 黑色膏狀 (客戶自行調配之樣品) (BLACK PASTE (SAMPLE IS BLENDED BY CLIENT))

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
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.
鉛 (Pb) (Lead (Pb))		mg/kg	2	n.d.
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.
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI))	參考IEC 62321-7-2: 2017，以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	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.

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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
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.
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.
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP))		mg/kg	50	n.d.
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP))		mg/kg	50	n.d.
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP))		mg/kg	50	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. 本測試報告取代ETR23804682，原測試報告作廢。(This test report supersedes the previous document bearing the report number ETR23804682, the report ETR23804682 was voided.)

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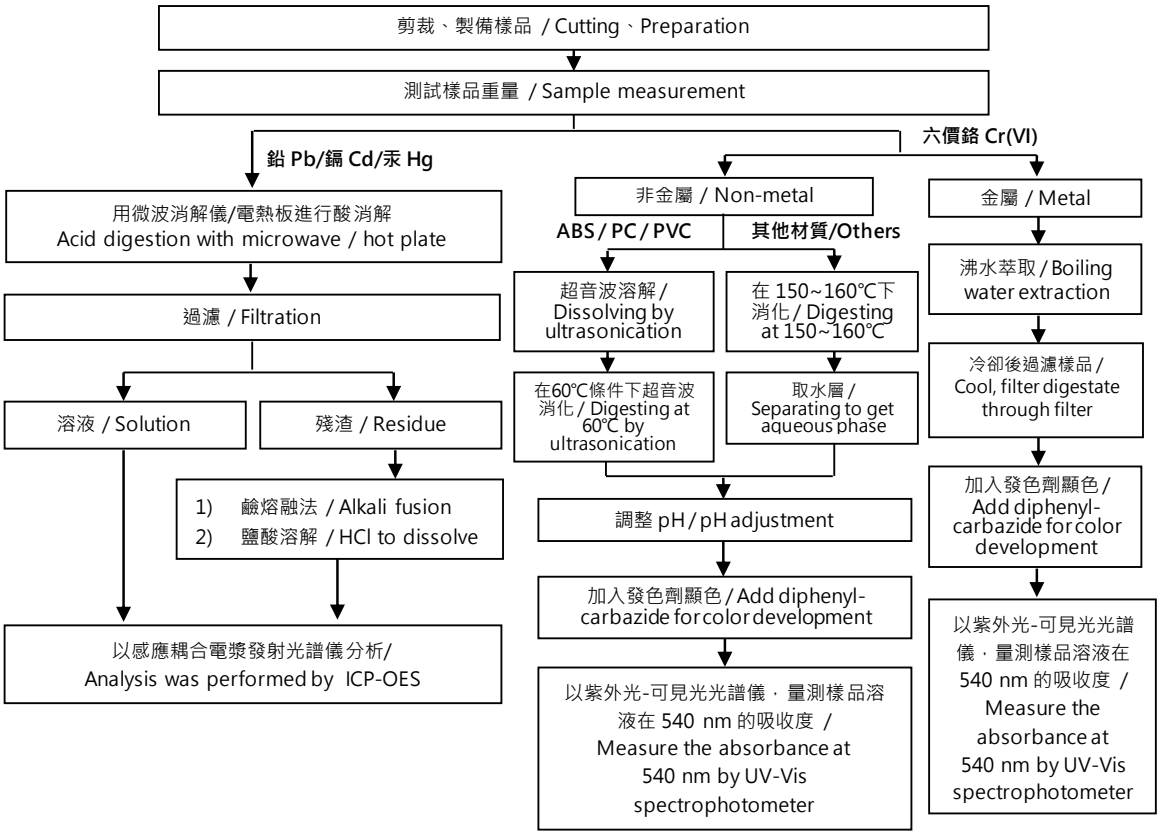
重金屬流程圖 / Analytical flow chart of heavy metal

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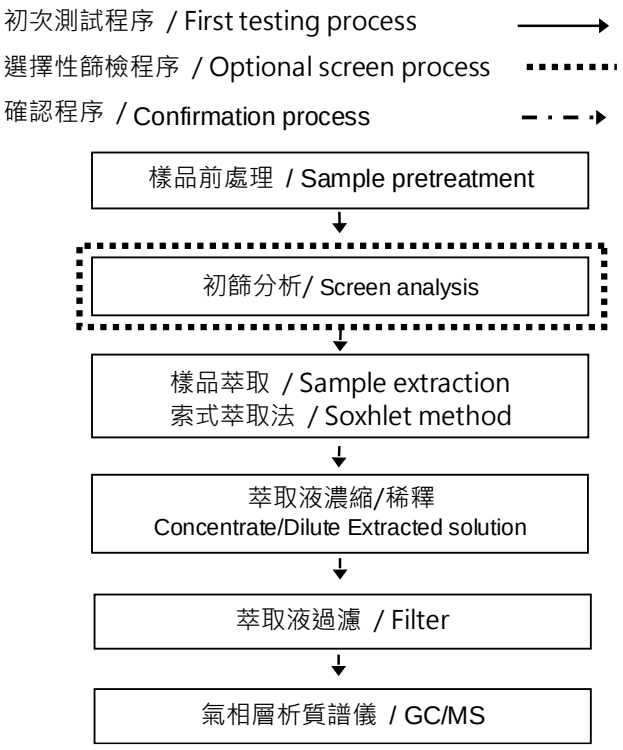
多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs



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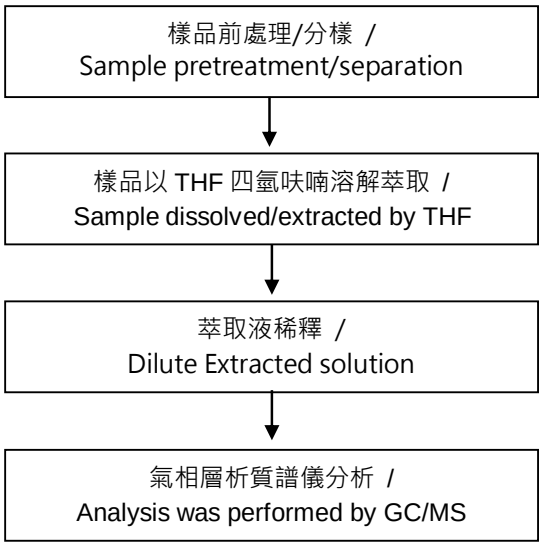
可塑劑分析流程圖 / Analytical flow chart - Phthalate

【測試方法/Test method: IEC 62321-8】



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*** 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.)

ETR23804682



** 報告結尾 (End of Report) **

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