





設計驗證
工程課
2026 -01- 28
發行

# 昱慶誠工藝有限公司

NO.

**YU-CHING CHEN CO . , LTD.**

# 承認書

客 戶　鈺緯科技開發股份有限公司

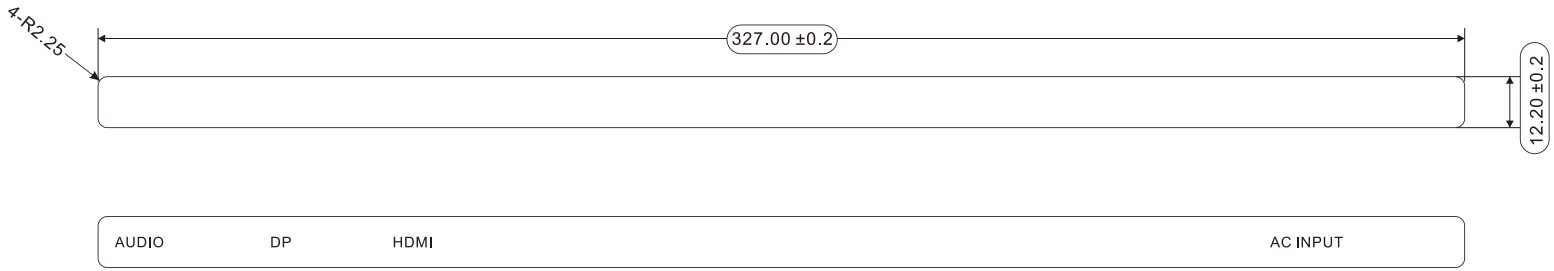
料 號　3MD676FL010(M3527)

品 名　I/O　LABEL

| 製　作 | 客 戶 確 認 |
| --- | --- |
|  |  |

新北市中和區莒光路 211 號-19
TEL:886-2-82216296~7　FAX:886-2-82216298
E-mail：nameplat@ms53.hinet.net

| REV. | DATE | DESCRIPTION | BY | APVD |
|---|---|---|---|---|
| A | 2025-12-31 | PRODUCTION RELEASE | Lyn | |




**1. MDRAD21ELXCA1SI_RGD (AC.Sirona)**
(3MD676FL010)
Text color: Black ■
Background color: GE White □
Font: Arial

設計驗證
工程課
2026 -01- 28
發行

Notes:
1.材質 : MYLAR MATERIAL : E121562, SABIC, model 8A35,t=0.25mm
2.單面背膠 : MH15896, 3M, models Y9448H or Y9448HK, t=0.15mm
3.材質+背膠總厚度t=0.4mm±0.05mm
4.須符合RoHS
5.顏色、尺寸參照承認樣品
6.檢驗規範文件編號QWI-016

| RANGE OF DIMENSION | TOLERANCE CLASS DESIGNATION | | |
|---|---|---|---|
| | | v | |
| | f | m | c |
| UP TO 30 | ±0.10 | ±0.20 | ±0.50 |
| ABOVE 30~120 | ±0.15 | ±0.30 | ±0.80 |
| ABOVE 120~315 | ±0.20 | ±0.50 | ±1.20 |
| ABOVE 315~1000 | ±0.30 | ±0.80 | ±2.00 |
| ANGLE±1° (±1.75/100) | | | |

| | | | | |
|---|---|---|---|---|
| THIRD ANGLE PROJECTION | UNITS: mm | SCALE: 1/1 | SHEET: 5/5 | MODEL NO.: COMMON |
| | MATERIAL: SEE NOTES | | TREATMENT: SEE NOTES | |
| DSGD by Lyn | 2025/12/31 | PART NAME: I/O LABEL(L327*H12.2mm) | | |
| APVD by | 2025/12/31 | PART NO.: 3MD676FL010 | | VER. 0 |
| APVD NO.: (M3527) | FILE NAME: 3MD676FL010.cdr | DIVA Laboratories ,Ltd. | | |

# 昱慶誠工藝有限公司

## 產品檢驗報告

| 客戶：鈺緯科技開發股份有限公司 | 料號：3MD676010 | 號碼：78-1096 | 日期：115.01.26 |
|---|---|---|---|

| | 重點尺寸 | | | 全尺寸 | | | | |
|---|---|---|---|---|---|---|---|---|
| 編號 | 長度：327±0.2mm | 寬度：12.2 ±0.2mm | 厚度：0.4±0.05mm | 長度：327±0.2mm | 寬度：12.2 ±0.2mm | 厚度：0.4±0.05mm | 外觀 | 污損 |
| NO：1 | 327.00 | 12.20 | 0.40 | 327.05 | 12.20 | 0.40 | OK | OK |
| NO：2 | 327.05 | 12.20 | 0.40 | 327.00 | 12.21 | 0.40 | OK | OK |
| NO：3 | 327.00 | 12.20 | 0.40 | 327.00 | 12.20 | 0.40 | OK | OK |
| NO：4 | 327.00 | 12.20 | 0.40 | | | | OK | OK |
| NO：5 | 327.00 | 12.22 | 0.40 | | | | OK | OK |
| NO：6 | | | | | | | | |
| NO：7 | | | | | | | | |
| NO：8 | | | | | | | | |
| NO：9 | | | | | | | | |
| NO：10 | | | | | | | | |
| | | | | | | | | |
| 備註 | 量測儀器：游標卡尺 | | | | | | | |

# Test Report

No.: ETR25803432 Date: 01-Sep-2025 

Films & Sheets Hong Kong Company Limited Taiwan Branch
7F, No. 390, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 244020, Taiwan (R.O.C.).

**The following sample(s) was/were submitted and identified by the applicant as:**

| | | |
|---|---|---|
| Sample Submitted By | : | POLYVANTIS (F&S CHINA CO., LTD.) |
| Sample Name | : | PC FILM/SHEET |
| Style/Item No. | : | LEXAN 8B35 / 8B35F / 8B35E / 8B36 / 8B38 / 8B35A |
| Sample may cover | : | LEXAN 8B35, 8B35D, 8B35F, 8B35FT, 8B35FD, 8B35FH, 8B35FDB, 8B35T, 8B35L, 8B35E, 8B36, 8B36D, 8B38, 8B38SG, 8B35A, 8Bxx (x MAY COVER 0 ~ 99, ANY LETTERS [EXCLUDING V] OR COMBINATION WITH DIGITS AND LETTERS) |
| Main Substance | : | POLYCARBONATE |

==========

| | | |
|---|---|---|
| Sample Receiving Date | : | 19-Aug-2025 |
| Testing Period | : | 19-Aug-2025 to 26-Aug-2025 |

**Test Requested** :

(1) 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) As specified by client, to test PAHs and other item(s).

**Test Results** : Please refer to following pages.

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

PIN CODE: 855B2495

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Films & Sheets Hong Kong Company Limited Taiwan Branch
7F, No. 390, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 244020, Taiwan (R.O.C.).

**Test Part Description**

No.1 : TRANSLUCENT SHEET

**Test Result(s)**

| Test Item(s) | Method | Unit | MDL | Result |
|---|---|---|---|---|
| | | | | No.1 |
| Cadmium (Cd) | With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES. | mg/kg | 2 | n.d. |
| Lead (Pb) | With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES. | mg/kg | 2 | n.d. |
| Mercury (Hg) | With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES. | mg/kg | 2 | n.d. |
| Hexavalent Chromium Cr(VI) | With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS. | mg/kg | 8 | n.d. |
| Monobromobiphenyl | With reference to IEC 62321-6: 2015, analysis was performed by GC/MS. | mg/kg | 5 | n.d. |
| Dibromobiphenyl | | mg/kg | 5 | n.d. |
| Tribromobiphenyl | | mg/kg | 5 | n.d. |
| Tetrabromobiphenyl | | mg/kg | 5 | n.d. |
| Pentabromobiphenyl | | mg/kg | 5 | n.d. |
| Hexabromobiphenyl | | mg/kg | 5 | n.d. |
| Heptabromobiphenyl | | mg/kg | 5 | n.d. |
| Octabromobiphenyl | | mg/kg | 5 | n.d. |
| Nonabromobiphenyl | | mg/kg | 5 | n.d. |
| Decabromobiphenyl | | mg/kg | 5 | n.d. |
| **Sum of PBBs** | | mg/kg | - | n.d. |
| Monobromodiphenyl ether | | mg/kg | 5 | n.d. |
| Dibromodiphenyl ether | | mg/kg | 5 | n.d. |
| Tribromodiphenyl ether | | mg/kg | 5 | n.d. |
| Tetrabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Pentabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Hexabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Heptabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Octabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Nonabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Decabromodiphenyl ether | | mg/kg | 5 | n.d. |
| **Sum of PBDEs** | | mg/kg | - | n.d. |

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Films & Sheets Hong Kong Company Limited Taiwan Branch
7F, No. 390, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 244020, Taiwan (R.O.C.).

| Test Item(s) | Method | Unit | MDL | Result |
|---|---|---|---|---|
| | | | | No.1 |
| Butyl benzyl phthalate (BBP) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. |
| Dibutyl phthalate (DBP) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. |
| Di-(2-ethylhexyl) phthalate (DEHP) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. |
| Diisobutyl phthalate (DIBP) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. |
| Diisodecyl phthalate (DIDP) (CAS No.: 26761-40-0, 68515-49-1) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. |
| Diisononyl phthalate (DINP) (CAS No.: 28553-12-0, 68515-48-0) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. |
| Di-n-octyl phthalate (DNOP) (CAS No.: 117-84-0) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. |
| Di-n-pentyl phthalate (DNPP) (CAS No.: 131-18-0) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. |
| Di-n-hexyl phthalate (DNHP) (CAS No.: 84-75-3) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. |
| Chlorine (Cl) (CAS No.: 22537-15-1) | With reference to BS EN 14582: 2016, analysis was performed by IC. | mg/kg | 50 | n.d. |
| Bromine (Br) (CAS No.: 10097-32-2) | With reference to BS EN 14582: 2016, analysis was performed by IC. | mg/kg | 50 | n.d. |
| Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α- HBCDD, β- HBCDD, γ- HBCDD) (CAS No.: 25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)) | With reference to IEC 62321-9: 2021, analysis was performed by GC/MS. | mg/kg | 20 | n.d. |
| Perfluorooctane sulfonates and its salts (PFOS and its salts) (CAS No.: 1763-23-1 and its salts) | Modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS. | mg/kg | 0.01 | n.d. |
| Tetrabromobisphenol A (TBBP-A) (CAS No.: 79-94-7) | With reference to RSTS-E&E-121, analysis was performed by LC/MS. | mg/kg | 10 | n.d. |

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| Test Item(s) | Method | Unit | MDL | Result No.1 |
|---|---|---|---|---|
| **Polycyclic Aromatic Hydrocarbons (PAHs)** | | | | |
| Benzo[a]pyrene (CAS No.: 50-32-8) | With reference to AfPS GS 2019:01 PAK, analysis was performed by GC/MS. | mg/kg | 0.2 | n.d. |
| Benzo[e]pyrene (CAS No.: 192-97-2) | | mg/kg | 0.2 | n.d. |
| Benzo[a]anthracene (CAS No.: 56-55-3) | | mg/kg | 0.2 | n.d. |
| Benzo[b]fluoranthene (CAS No.: 205-99-2) | | mg/kg | 0.2 | n.d. |
| Benzo[j]fluoranthene (CAS No.: 205-82-3) | | mg/kg | 0.2 | n.d. |
| Benzo[k]fluoranthene (CAS No.: 207-08-9) | | mg/kg | 0.2 | n.d. |
| Chrysene (CAS No.: 218-01-9) | | mg/kg | 0.2 | n.d. |
| Dibenzo[a,h]anthracene (CAS No.: 53-70-3) | | mg/kg | 0.2 | n.d. |
| Benzo[g,h,i]perylene (CAS No.: 191-24-2) | | mg/kg | 0.2 | n.d. |
| Indeno[1,2,3-c,d]pyrene (CAS No.: 193-39-5) | | mg/kg | 0.2 | n.d. |
| Anthracene (CAS No.: 120-12-7) | | mg/kg | 0.2 | n.d. |
| Fluoranthene (CAS No.: 206-44-0) | | mg/kg | 0.2 | n.d. |
| Phenanthrene (CAS No.: 85-01-8) | | mg/kg | 0.2 | n.d. |
| Pyrene (CAS No.: 129-00-0) | | mg/kg | 0.2 | n.d. |
| Naphthalene (CAS No.: 91-20-3) | | mg/kg | 0.2 | n.d. |
| **Sum of 15 PAHs** | | mg/kg | - | n.d. |

**Note：**

1. mg/kg = ppm；0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected ( Less than MDL)
4. "-" = Not Regulated

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Films & Sheets Hong Kong Company Limited Taiwan Branch
7F, No. 390, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 244020, Taiwan (R.O.C.).

**PAHs Remark：**

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

| Parameter | Category 1 | Category 2 | | Category 3 | |
|---|---|---|---|---|---|
| | Materials intended to be placed in the mouth, or materials in toys (Directive 2009/48/EC) or articles for children up to 3 years of age with intended long-term skin contact (> 30 seconds). | Materials that are not in Category 1, with intended or foreseeable long-term skin contact (> 30 seconds) or short-term repetitive contact with the skin. | | Materials not covered by Category 1 or 2, with intended or foreseeable short-term skin contact (≦30 seconds). | |
| | | a. Use by children under 14 | b. Other consumer products | a. Use by children under 14 | b. Other consumer products |
| Naphthalene | < 1 | < 2 | | < 10 | |
| Phenanthrene | < 1 Sum | < 5 Sum | < 10 Sum | < 20 Sum | < 50 Sum |
| Anthracene | | | | | |
| Fluoranthene | | | | | |
| 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 |
| Sum of 15 PAH | < 1 | < 5 | < 10 | < 20 | < 50 |

Unit：mg/kg

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Films & Sheets Hong Kong Company Limited Taiwan Branch
7F, No. 390, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 244020, Taiwan (R.O.C.).

**PFAS Remark：**

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.)

| Group Name | Substance Name | CAS No. |
|---|---|---|
| PFOS, its salts & derivatives | Perfluorooctane sulfonates (PFOS) | 1763-23-1 |
| | Potassium perfluorooctanesulfonate (PFOS-K) | 2795-39-3 |
| | Perfluorooctanesulfonic acid, lithium salt (PFOS-Li) | 29457-72-5 |
| | Perfluorooctanesulfonic acid, ammonium salt (PFOS-$NH_4$) | 29081-56-9 |
| | Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(C2H4OH)2) | 70225-14-8 |
| | Perfluorooctanesulfonic acid,tetraethylammonium salt (PFOS-$N(C_2H_5)_4$) | 56773-42-3 |
| | 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 |
| | TetrabutylAmmonium perfluorooctanesulfonate (PFOS-$N(C_4H_9)_4$) | 111873-33-7 |
| | Perfluorooctane sulfonyl fluoride (POSF) | 307-35-7 |
| | Perfluorooctanesulfonic acid, magnesium salt (PFOS-Mg) | 91036-71-4 |
| | Perfluorooctanesulfonic acid, sodium salt (PFOS-Na) | 4021-47-0 |
| | Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate | 71463-74-6 |
| | Perfluorooctanesulfonate (anion) | 45298-90-6 |
| | 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 |
| | 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-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-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 |

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Films & Sheets Hong Kong Company Limited Taiwan Branch
7F, No. 390, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 244020, Taiwan (R.O.C.).

| Group Name | Substance Name | CAS No. |
|---|---|---|
| PFOS, its salts & derivatives | 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 |
| | 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 |
| | 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-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 |
| | Tetrabutylphosphonium perfluorooctane sulfonate (PFOS-$P(C_4H_9)_4$)) | 2185049-59-4 |
| | Perfluorooctanesulfonic acid diethylamine salt (PFOS-$C_4H_{11}N$) | 2205029-08-7 |
| | Heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium perfluorooctanesulfonate (PFOS-$C_{15}H_{30}NO_2$) | 1203998-97-3 |
| | 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 |
| | Perfluoro-1-octanesulfonyl chloride (PFOS-Cl) | 423-60-9 |

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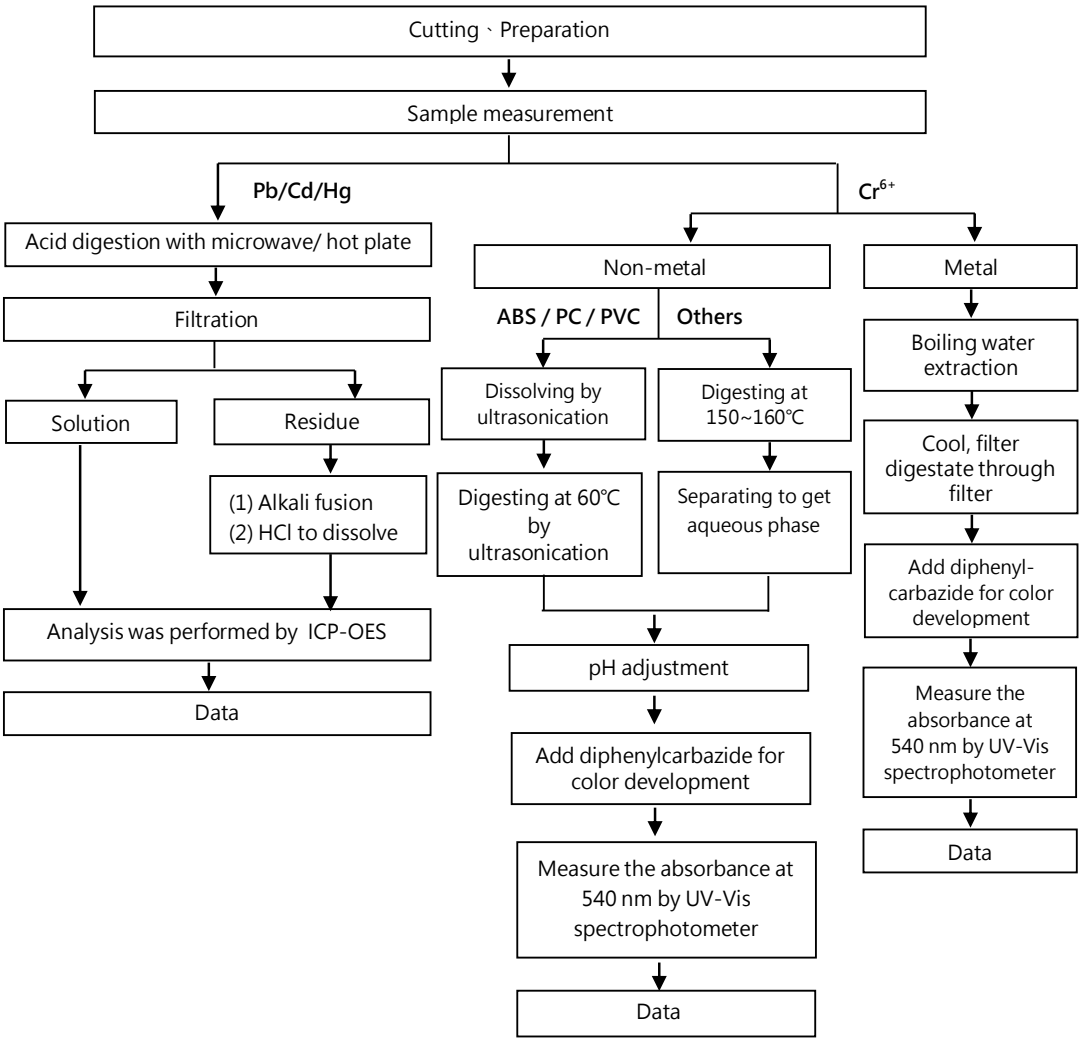
Films & Sheets Hong Kong Company Limited Taiwan Branch
7F, No. 390, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 244020, Taiwan (R.O.C.).

**Analytical flow chart of heavy metal**

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

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

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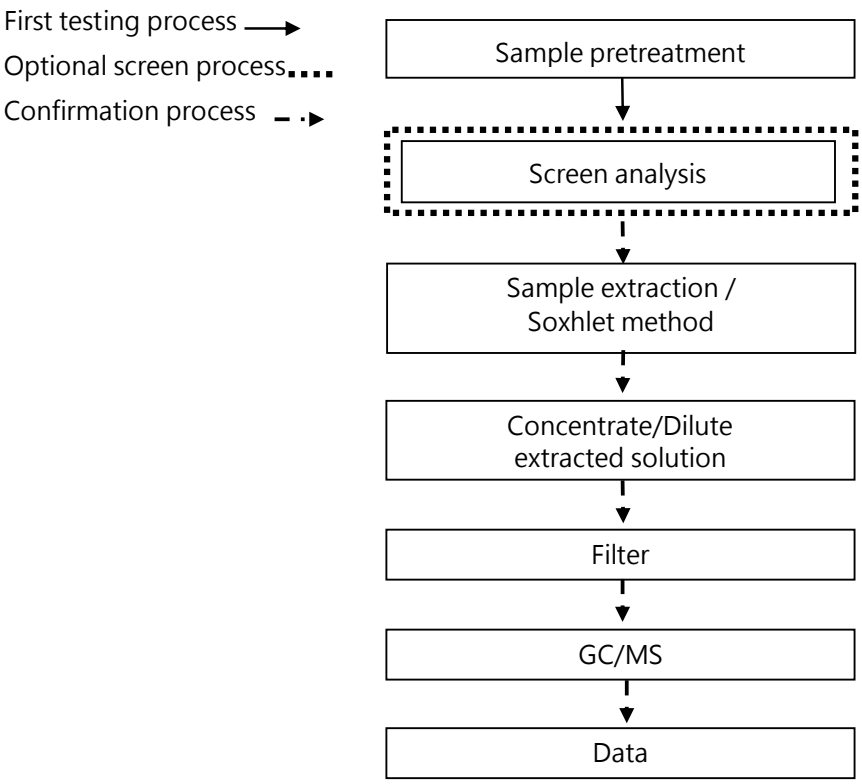
**Analytical flow chart – PBBs / PBDEs**

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Films & Sheets Hong Kong Company Limited Taiwan Branch
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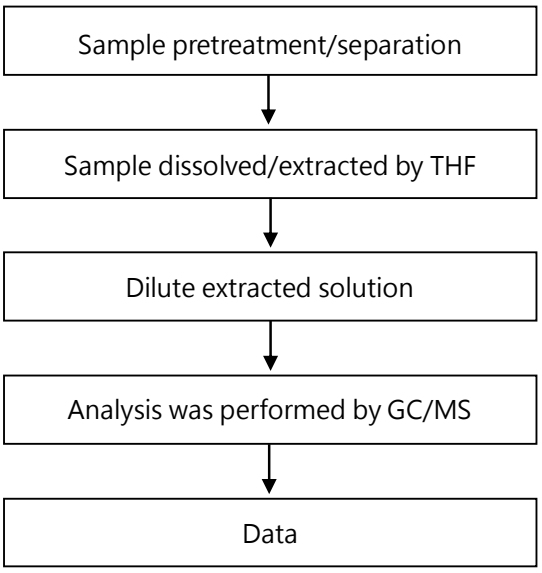
**Analytical flow chart - Phthalate**

**【Test method: IEC 62321-8】**

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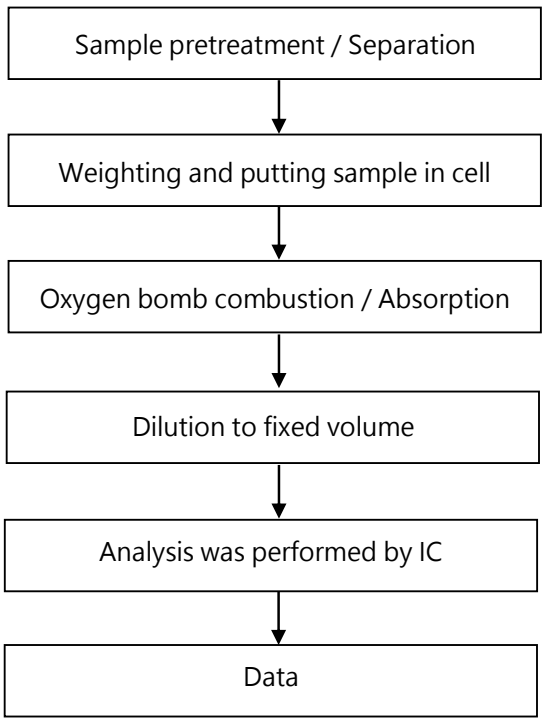
**Analytical flow chart - Halogen**

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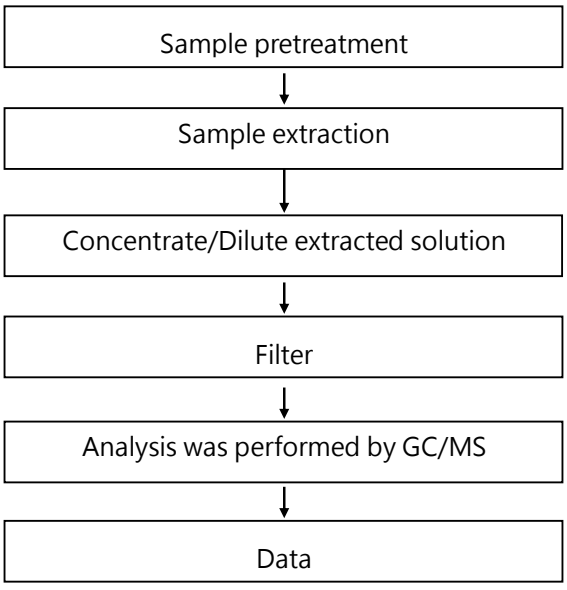
**Analytical flow chart - HBCDD**

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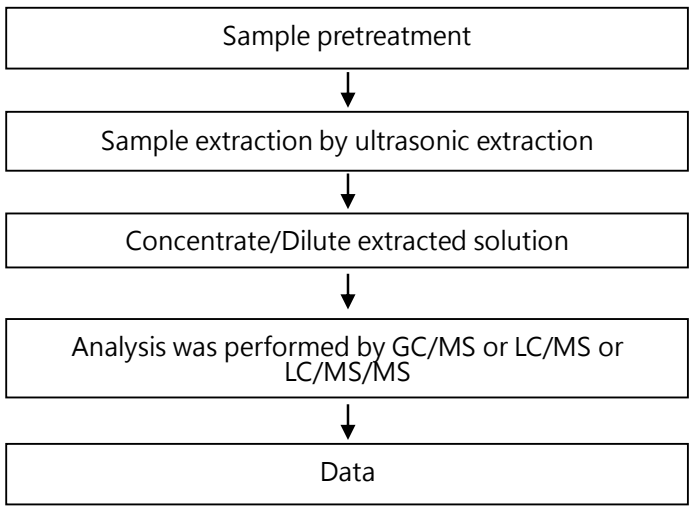
**Analytical flow chart – PFAS (including PFOA/PFOS/its related compound, etc.)**

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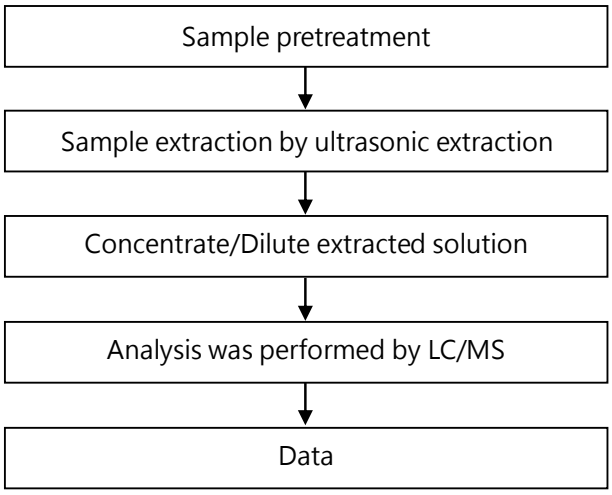
**Analytical flow chart - TBBP-A**

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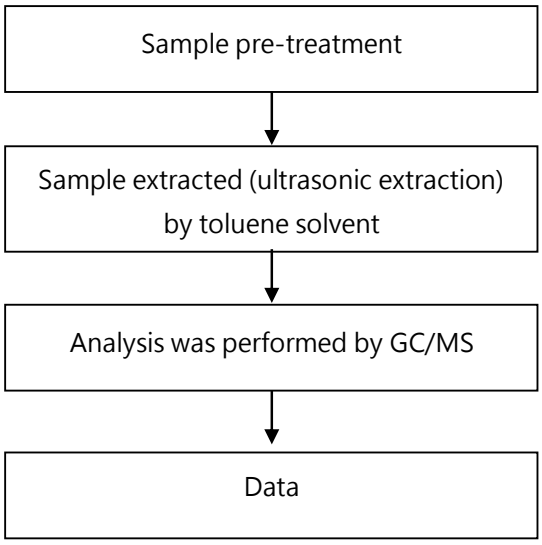
7F, No. 390, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 244020, Taiwan (R.O.C.).

**Analytical flow chart - PAHs (Polycyclic Aromatic Hydrocarbons)**

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Films & Sheets Hong Kong Company Limited Taiwan Branch
7F, No. 390, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 244020, Taiwan (R.O.C.).

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

**ETR25803432**



** End of Report **

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# 測試報告
# Test Report

號碼(No.): ETR24A05691　　日期(Date): 06-Nov-2024　　

明輝化工實業有限公司 (MIN HUEY CHEMICALS INDUSTRIES CO., LTD.)
新北市土城區大安路138巷32號 (NO. 32, LN 138, DA'AN RD., TUCHENG DIST., NEW TAIPEI CITY 23673, 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) | : | 明輝化工實業有限公司 (MIN HUEY CHEMICALS INDUSTRIES CO., LTD.) |
| 樣品名稱(Sample Name) | : | MIN HUEY SCREEN INK (明輝油墨) |
| 樣品型號(Style/Item No.) | : | 白色系列 (無鹵) (WHITE (NON-HALOGEN)) |

==========

| | | |
|---|---|---|
| 收件日(Sample Receiving Date) | : | 30-Oct-2024 |
| 測試期間(Testing Period) | : | 30-Oct-2024 to 06-Nov-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) 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

CHECK REPORT
PIN CODE: D254D0F8

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# 測試報告
# Test Report



明輝化工實業有限公司 (MIN HUEY CHEMICALS INDUSTRIES CO., LTD.)
新北市土城區大安路138巷32號 (NO. 32, LN 138, DA'AN RD., TUCHENG DIST., NEW TAIPEI CITY 23673, TAIWAN)

**測試部位敘述 (Test Part Description)**

No.1 : 白色油墨 (WHITE INK)

**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)) | 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)) | | 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 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. | 1000 |
| 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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# Test Report



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新北市土城區大安路138巷32號 (NO. 32, LN 138, DA'AN RD., TUCHENG DIST., NEW TAIPEI CITY 23673, TAIWAN)

| 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 |
| 鄰苯二甲酸二異癸酯 (DIDP) (Diisodecyl phthalate (DIDP)) (CAS No.: 26761-40-0, 68515-49-1) | | mg/kg | 50 | n.d. | - |
| 鄰苯二甲酸二異壬酯 (DINP) (Diisononyl phthalate (DINP)) (CAS No.: 28553-12-0, 68515-48-0) | | mg/kg | 50 | n.d. | - |
| 鄰苯二甲酸二正辛酯 (DNOP) (Di-n-octyl phthalate (DNOP)) (CAS No.: 117-84-0) | | mg/kg | 50 | n.d. | - |

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# 測試報告
# Test Report



明輝化工實業有限公司 (MIN HUEY CHEMICALS INDUSTRIES CO., LTD.)
新北市土城區大安路138巷32號 (NO. 32, LN 138, DA'AN RD., TUCHENG DIST., NEW TAIPEI CITY 23673, TAIWAN)

| 測試項目 (Test Items) | 測試方法 (Method) | 單位 (Unit) | MDL | 結果 (Result) No.1 | 限值 (Limit) |
|---|---|---|---|---|---|
| 六溴環十二烷及所有主要被辨別出的異構物 (HBCDD) (α- HBCDD, β- HBCDD, γ- HBCDD) (Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α- HBCDD, β- HBCDD, γ- HBCDD)) (CAS No.: 25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)) | 參考IEC 62321-9: 2021，以氣相層析儀/質譜儀分析。(With reference to IEC 62321-9: 2021, analysis was performed by GC/MS.) | mg/kg | 20 | 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. 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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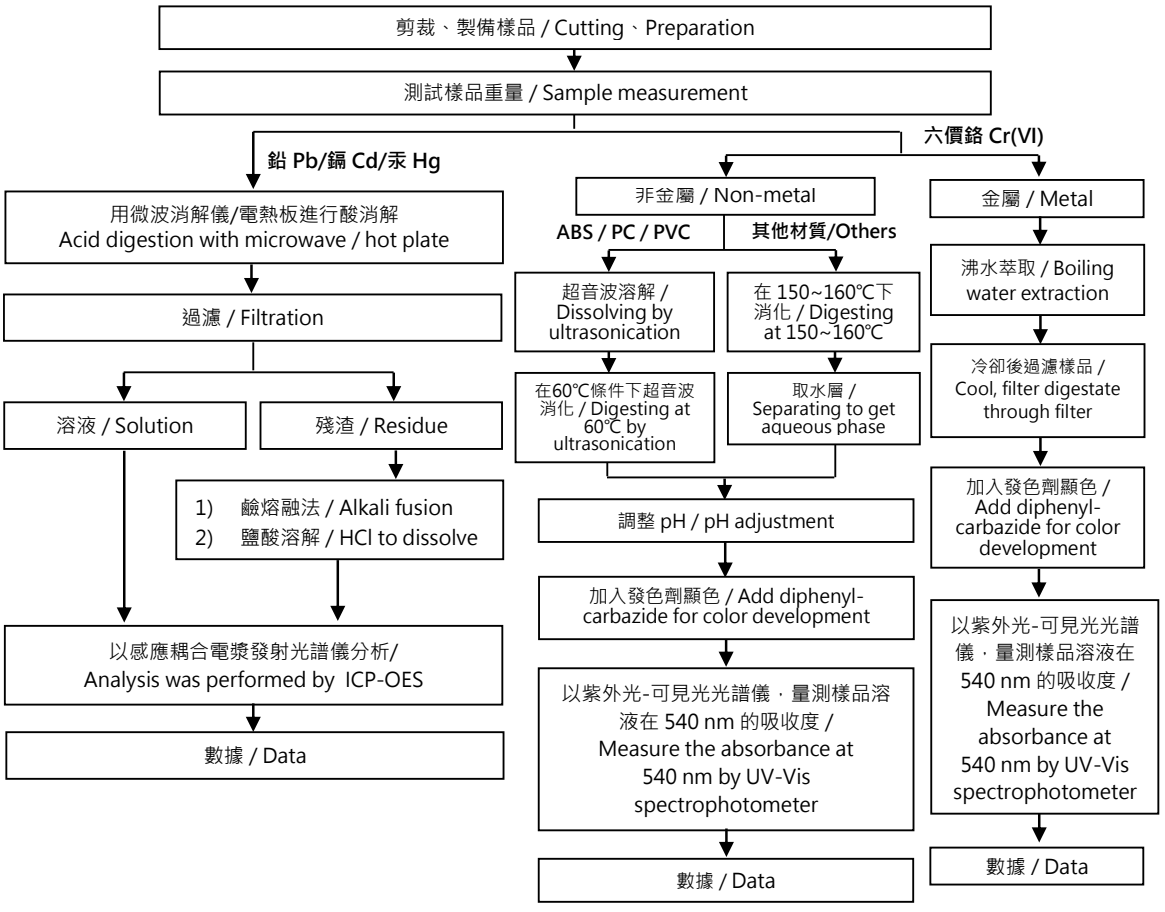
## 重金屬流程圖 / Analytical flow chart of heavy metal

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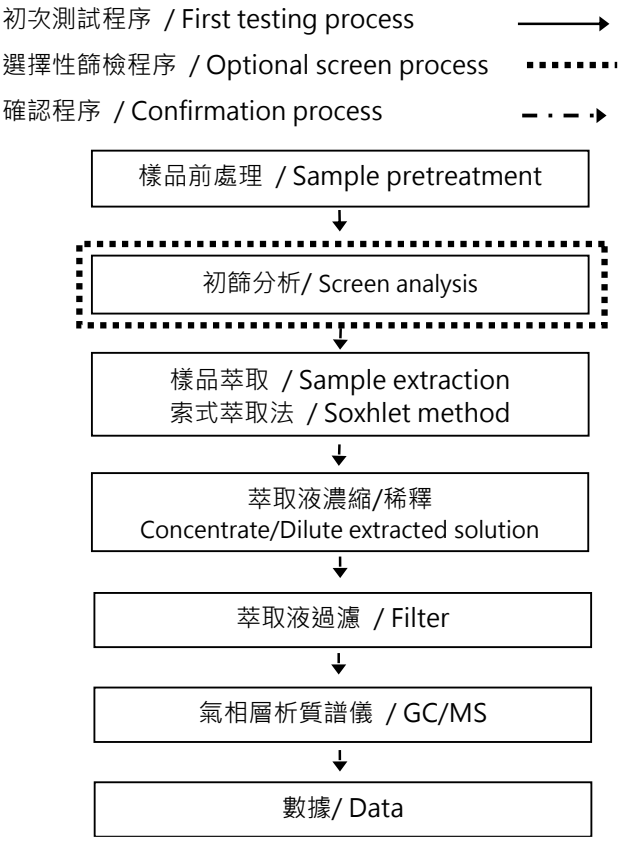
**多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs**

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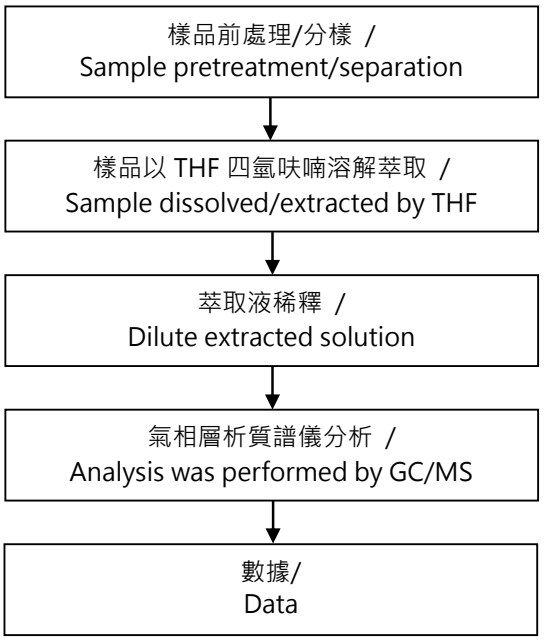
**可塑劑分析流程圖 / Analytical flow chart - Phthalate**

**【測試方法/Test method: IEC 62321-8】**

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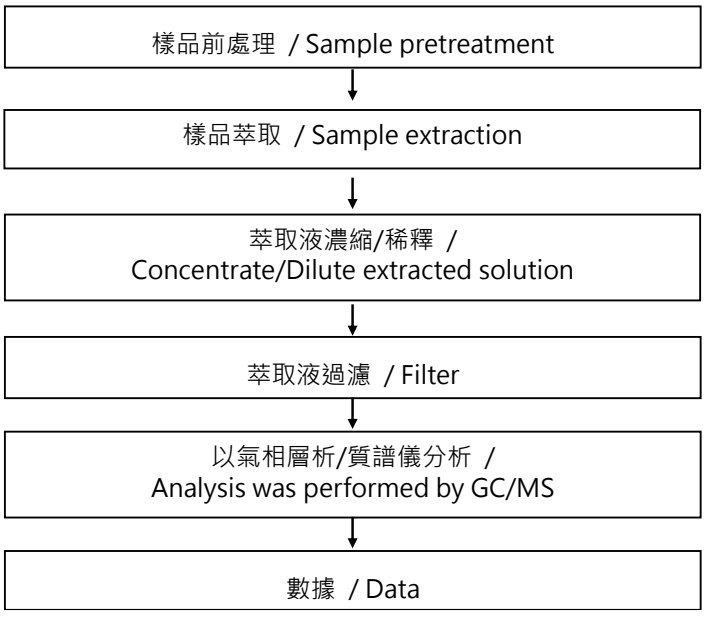
**六溴環十二烷分析流程圖 / Analytical flow chart - HBCDD**

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# 測試報告
# Test Report



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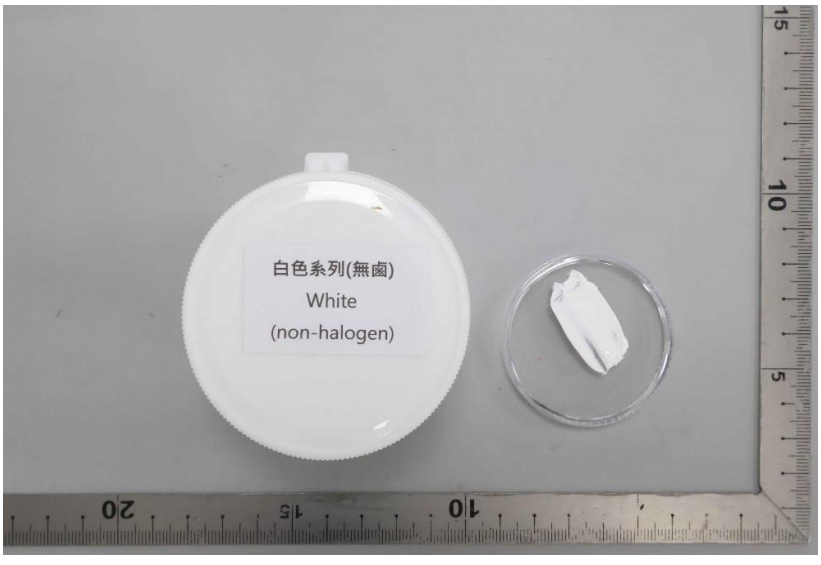
*** 照片中如有箭頭標示，則表示為實際檢測之樣品/部位. ***
**(The tested sample / part is marked by an arrow if it's shown on the photo.)**

**ETR24A05691**




** 報告結尾 (End of Report) **

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# 測試報告
# Test Report

號碼(No.): ETR24A05715　　日期(Date): 06-Nov-2024　　

明輝化工實業有限公司 (MIN HUEY CHEMICALS INDUSTRIES CO., LTD.)
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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) | : | 明輝化工實業有限公司 (MIN HUEY CHEMICALS INDUSTRIES CO., LTD.) |
| 樣品名稱(Sample Name) | : | MIN HUEY SCREEN INK (明輝油墨) |
| 樣品型號(Style/Item No.) | : | 黑色系列 (無鹵) (BLACK (NON-HALOGEN)) |

==========

| | | |
|---|---|---|
| 收件日(Sample Receiving Date) | : | 30-Oct-2024 |
| 測試期間(Testing Period) | : | 30-Oct-2024 to 06-Nov-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) 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: 2D34A208

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**測試部位敘述 (Test Part Description)**

No.1 : 黑色油墨 (BLACK INK)

**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)) | 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)) | | 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 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. | 1000 |
| 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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|---|---|---|---|---|---|
| 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 |
| 鄰苯二甲酸二異癸酯 (DIDP) (Diisodecyl phthalate (DIDP)) (CAS No.: 26761-40-0, 68515-49-1) | | mg/kg | 50 | n.d. | - |
| 鄰苯二甲酸二異壬酯 (DINP) (Diisononyl phthalate (DINP)) (CAS No.: 28553-12-0, 68515-48-0) | | mg/kg | 50 | n.d. | - |
| 鄰苯二甲酸二正辛酯 (DNOP) (Di-n-octyl phthalate (DNOP)) (CAS No.: 117-84-0) | | mg/kg | 50 | n.d. | - |

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|---|---|---|---|---|---|
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1. mg/kg = ppm；0.1wt% = 0.1% = 1000ppm
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3. n.d. = Not Detected (未檢出)；小於MDL / Less than MDL
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5. 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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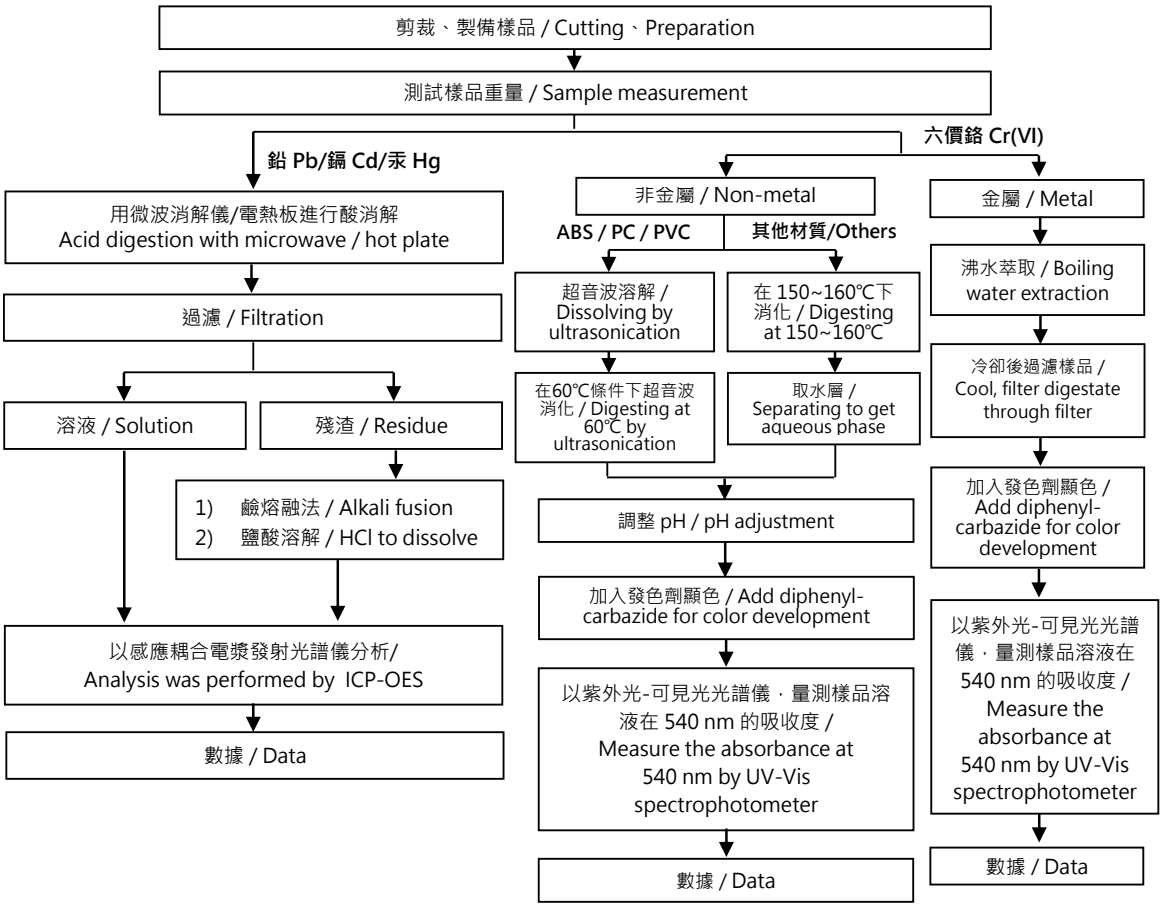
新北市土城區大安路138巷32號 (NO. 32, LN 138, DA'AN RD., TUCHENG DIST., NEW TAIPEI CITY 23673, TAIWAN)

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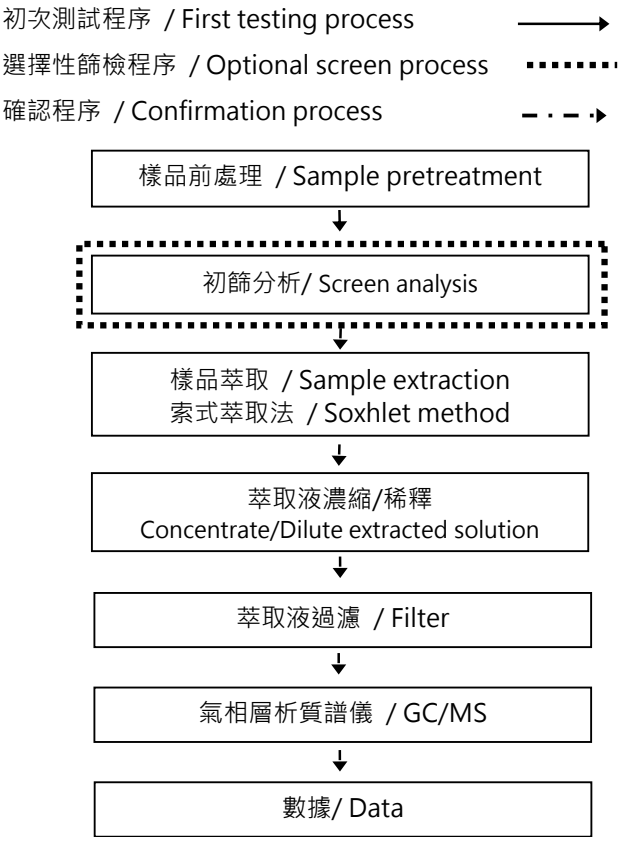
**多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs**

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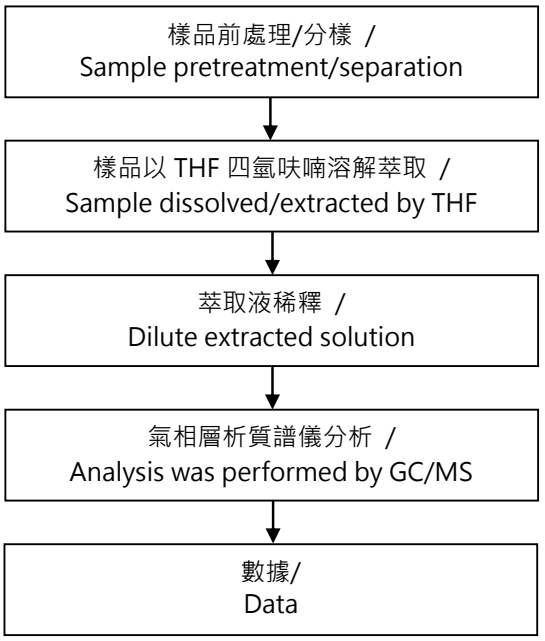
**可塑劑分析流程圖 / Analytical flow chart - Phthalate**

**【測試方法/Test method: IEC 62321-8】**

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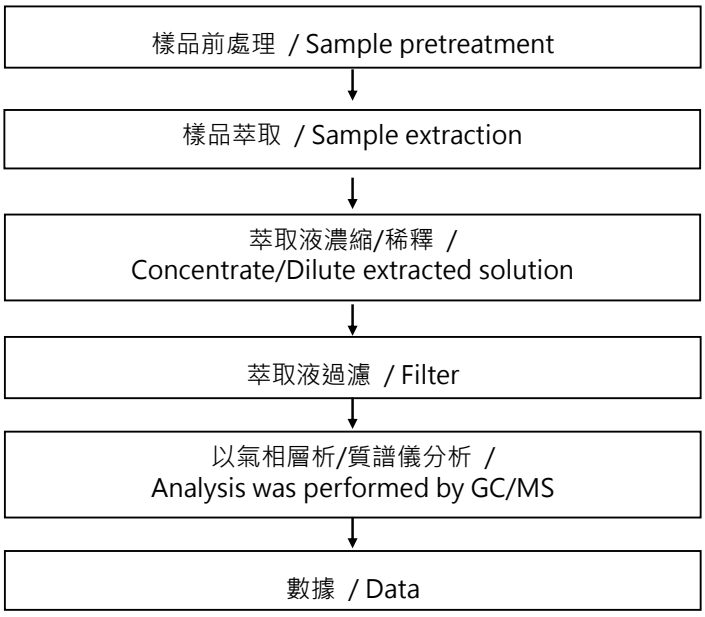
**六溴環十二烷分析流程圖 / Analytical flow chart - HBCDD**

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# 測試報告
# Test Report



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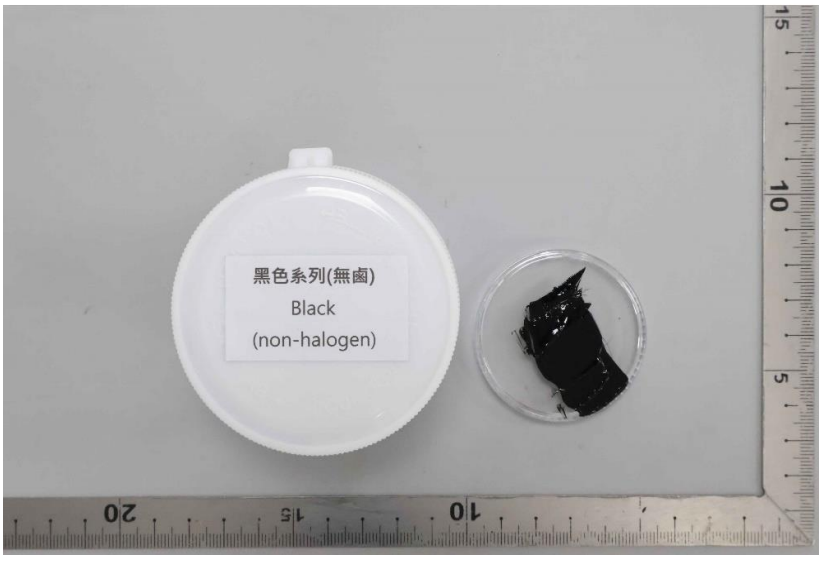
*** 照片中如有箭頭標示，則表示為實際檢測之樣品/部位. ***
**(The tested sample / part is marked by an arrow if it's shown on the photo.)**

**ETR24A05715**

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# Test Report

**No.:** SHAEC25006767201 **Date:** Apr 03, 2025 

Client Name: 3M CHINA LIMITED

Client Address: 222 TIANLIN ROAD, SHANGHAI

Sample Name: 3M 9448HKB

Model No.: 3M 9448HKB

Client Ref. Information: Y9448HKB

The above sample(s) and information were provided by the client.

---

SGS Job No.: SHP25-008077

Sample Receiving Date: Mar 28, 2025

Testing Period: Mar 28, 2025 ~ Apr 03, 2025

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

| Test Requirement | Conclusion |
|---|---|
| EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) | Pass |

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Helen Liu

Helen Liu
Approved Signatory

Scan to see the report

6F1204ED

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**Test Result(s):**

Test Part Description：

| SN ID | Sample No. | SGS Sample ID | Description |
|---|---|---|---|
| SN1 | A1 | SHA25-0067672-0001.C001 | Black adhesive film |

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

**EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)**

**Test Method:** With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

| Test Item(s) | Limit | Unit(s) | MDL | A1 |
|---|---|---|---|---|
| Lead (Pb) | 1000 | mg/kg | 2 | ND |
| Mercury (Hg) | 1000 | mg/kg | 2 | ND |
| Cadmium (Cd) | 100 | mg/kg | 2 | ND |
| Hexavalent Chromium (Cr(VI)) | 1000 | mg/kg | 8 | 12 |
| Polybromobiphenyl (PBB) | 1000 | mg/kg | - | ND |
| Monobrominated biphenyl (MonoBB) | - | mg/kg | 5 | ND |
| Dibrominated biphenyl (DiBB) | - | mg/kg | 5 | ND |
| Tribrominated biphenyl (TriBB) | - | mg/kg | 5 | ND |
| Tetrabrominated biphenyl (TetraBB) | - | mg/kg | 5 | ND |
| Pentabrominated biphenyl (PentaBB) | - | mg/kg | 5 | ND |
| Hexabrominated biphenyl (HexaBB) | - | mg/kg | 5 | ND |
| Heptabrominated biphenyl (HeptaBB) | - | mg/kg | 5 | ND |
| Octabrominated biphenyl (OctaBB) | - | mg/kg | 5 | ND |
| Nonabrominated biphenyl (NonaBB) | - | mg/kg | 5 | ND |
| Decabrominated biphenyl (DecaBB) | - | mg/kg | 5 | ND |
| Polybromodiphenyl ether(PBDE) | 1000 | mg/kg | - | ND |
| Monobrominated diphenyl ether (MonoBDE) | - | mg/kg | 5 | ND |
| Dibrominated diphenyl ether (DiBDE) | - | mg/kg | 5 | ND |
| Tribrominated diphenyl ether (TriBDE) | - | mg/kg | 5 | ND |
| Tetrabrominated diphenyl ether (TetraBDE) | - | mg/kg | 5 | ND |
| Pentabrominated diphenyl ether (PentaBDE) | - | mg/kg | 5 | ND |
| Hexabrominated diphenyl ether (HexaBDE) | - | mg/kg | 5 | ND |
| Heptabrominated diphenyl ether (HeptaBDE) | - | mg/kg | 5 | ND |

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| Test Item(s) | Limit | Unit(s) | MDL | A1 |
|---|---|---|---|---|
| Octabrominated diphenyl ether (OctaBDE) | - | mg/kg | 5 | ND |
| Nonabrominated diphenyl ether (NonaBDE) | - | mg/kg | 5 | ND |
| Decabrominated diphenyl ether (DecaBDE) | - | mg/kg | 5 | ND |
| Bis(2-ethylhexyl) phthalate (DEHP) | 1000 | mg/kg | 50 | ND |
| Butyl benzyl phthalate (BBP) | 1000 | mg/kg | 50 | ND |
| Dibutyl phthalate (DBP) | 1000 | mg/kg | 50 | ND |
| Diisobutyl phthalate (DIBP) | 1000 | mg/kg | 50 | ND |

**Notes:**

(1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.

(2) IEC 62321 series is equivalent to EN 62321 series.

(3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

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.

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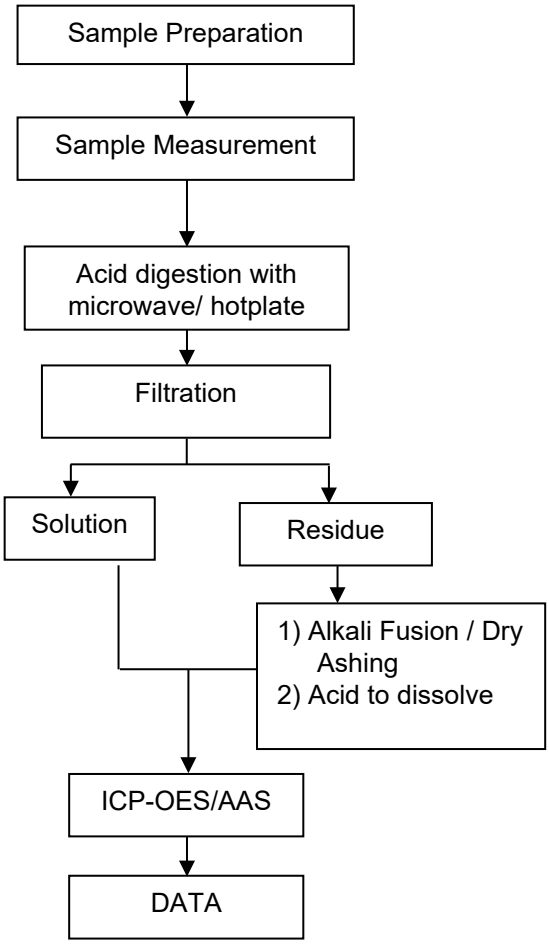
## Elements Testing Flow Chart

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

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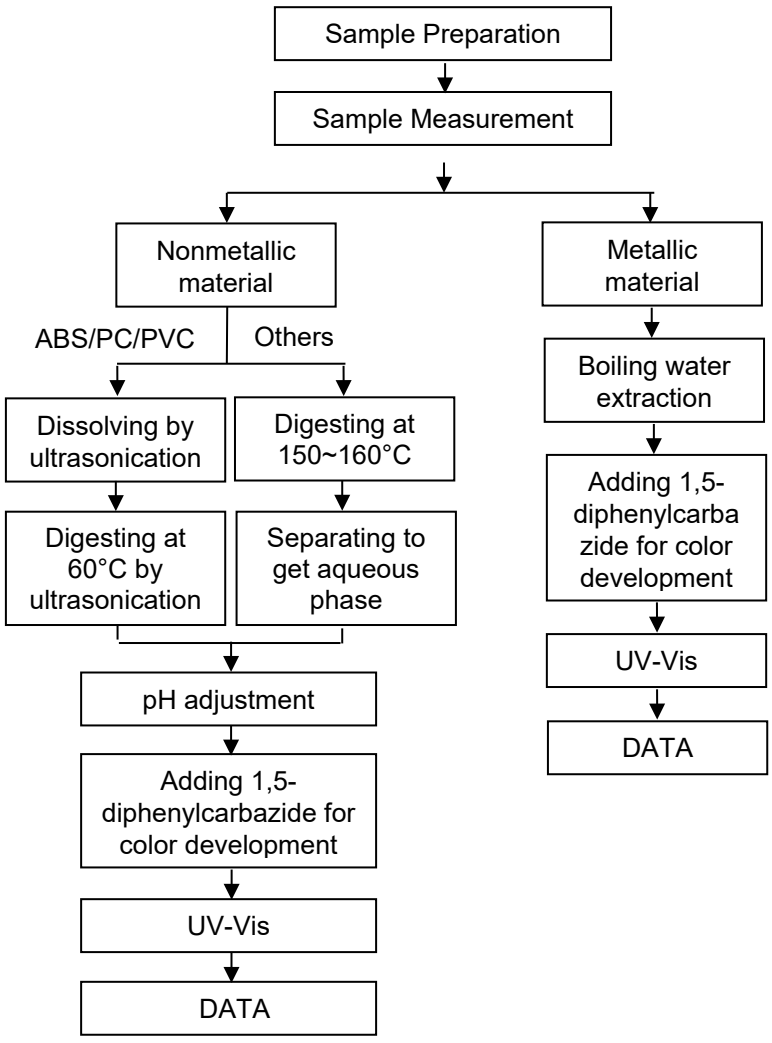
**Hexavalent Chromium (Cr(VI)) Testing Flow Chart**

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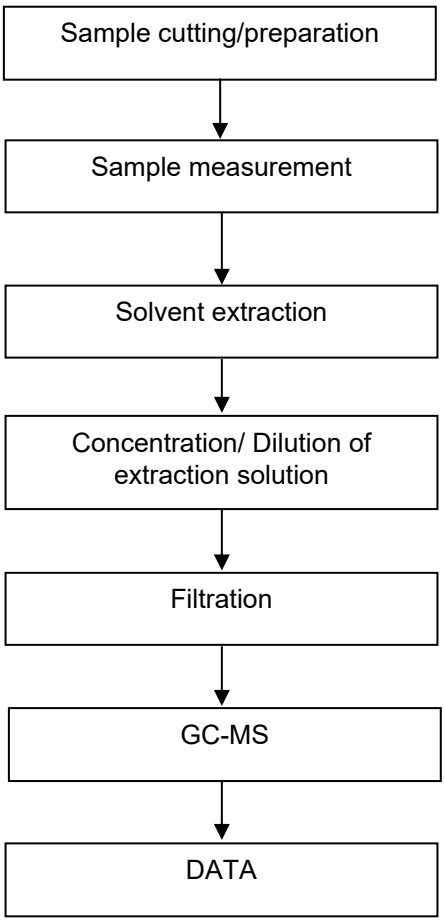
**PBB/PBDE Testing Flow Chart**

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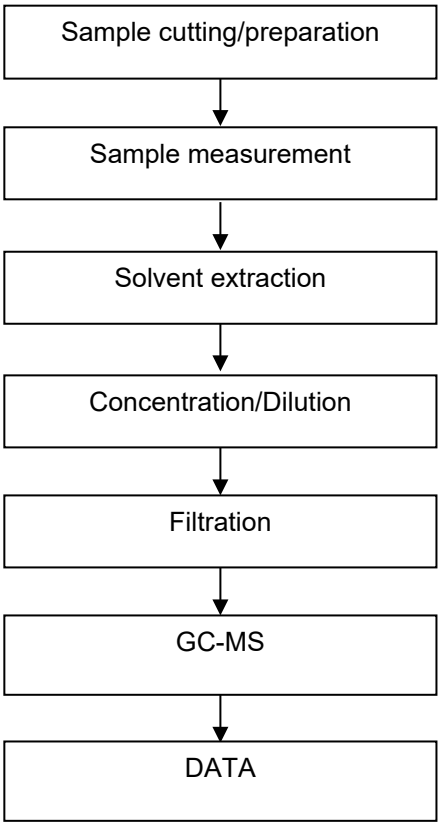
**Phthalates Testing Flow Chart**

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