

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

頁數(Page): 1 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, 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/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

樣品名稱(Sample Name) : PLATING GOLD

=====
收件日(Sample Receiving Date) : 29-Dec-2021

測試期間(Testing Period) : 29-Dec-2021 to 12-Jan-2022

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.)


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



PIN CODE: 64FA89C3

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

頁數(Page): 2 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

測試部位敘述 (Test Part Description)

No.1 : 金色金屬鍍層 (PLATING LAYER OF GOLDEN COLORED METAL)

No.2 : 金色金屬 (含鍍層) (GOLDEN 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) | |
|---|--|--------------------|-----|----------------|------|
| | | | | No.1 | No.2 |
| 鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9) | 酸洗脫鍍層 · 參考IEC 62321-5: 2013 · 以感應耦合電漿發射光譜儀分析。(IEC 62321-5: 2013 application of modified digestion by surface etching, analysis was performed by ICP-OES.) | mg/kg | 2 | n.d. | --- |
| 鉛 (Pb) (Lead (Pb)) (CAS No.: 7439-92-1) | 酸洗脫鍍層 · 參考IEC 62321-5: 2013 · 以感應耦合電漿發射光譜儀分析。(IEC 62321-5: 2013 application of modified digestion by surface etching, analysis was performed by ICP-OES.) | mg/kg | 2 | 35.5 | --- |
| 汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6) | 酸洗脫鍍層 · 參考IEC 62321-4: 2013+ AMD1: 2017 · 以感應耦合電漿發射光譜儀分析。(IEC 62321-4: 2013+AMD1: 2017 application of modified digestion by surface etching, analysis was performed by ICP-OES.) | mg/kg | 2 | n.d. | --- |
| 六價鉻 (Hexavalent Chromium) Cr(VI) (CAS No.: 18540-29-9) (#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/cm ² | 0.1 | n.d. | --- |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

頁數(Page): 3 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

| 測試項目 (Test Items) | 測試方法 (Method) | 單位 (Unit) | MDL | 結果 (Result) | |
|--|--|--------------|-----|----------------|------|
| | | | | No.1 | No.2 |
| 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. |
| 一溴聯苯醚 (Monobromodiphenyl ether) | | mg/kg | 5 | --- | n.d. |
| 二溴聯苯醚 (Dibromodiphenyl ether) | | mg/kg | 5 | --- | n.d. |
| 三溴聯苯醚 (Tribromodiphenyl ether) | | mg/kg | 5 | --- | n.d. |
| 四溴聯苯醚 (Tetrabromodiphenyl ether) | | mg/kg | 5 | --- | n.d. |
| 五溴聯苯醚 (Pentabromodiphenyl ether) | | mg/kg | 5 | --- | n.d. |
| 六溴聯苯醚 (Hexabromodiphenyl ether) | | mg/kg | 5 | --- | n.d. |
| 七溴聯苯醚 (Heptabromodiphenyl ether) | | mg/kg | 5 | --- | n.d. |
| 八溴聯苯醚 (Octabromodiphenyl ether) | | mg/kg | 5 | --- | n.d. |
| 九溴聯苯醚 (Nonabromodiphenyl ether) | | mg/kg | 5 | --- | n.d. |
| 十溴聯苯醚 (Decabromodiphenyl ether) | mg/kg | 5 | --- | n.d. | |
| 多溴聯苯醚總和 (Sum of PBDEs) | mg/kg | - | --- | n.d. | |
| 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: 2008 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321: 2008, analysis was performed by GC/MS.) | mg/kg | 5 | --- | n.d. |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

頁數(Page): 4 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

| 測試項目 (Test Items) | 測試方法 (Method) | 單位 (Unit) | MDL | 結果 (Result) | |
|---|--|--------------|-----|----------------|------|
| | | | | No.1 | No.2 |
| 鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85-68-7) | 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)) (CAS No.: 84-74-2) | | mg/kg | 50 | --- | n.d. |
| 鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP)) (CAS No.: 117-81-7) | | mg/kg | 50 | --- | n.d. |
| 鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5) | | mg/kg | 50 | --- | n.d. |
| 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. |
| 鄰苯二甲酸二正己酯 (DNHP) (Di-n-hexyl phthalate (DNHP)) (CAS No.: 84-75-3) | | mg/kg | 50 | --- | n.d. |
| 鄰苯二甲酸雙(2-甲氧基乙基)酯 (DMEP) (Bis(2-methoxyethyl) phthalate (DMEP)) (CAS No.: 117-82-8) | | mg/kg | 50 | --- | n.d. |
| 鄰苯二甲酸二(C7-11支鏈與直鏈)烷基酯 (DHNUP) (1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)) (CAS No.: 68515-42-4) | | mg/kg | 50 | --- | n.d. |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

頁數(Page): 5 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

| 測試項目 (Test Items) | 測試方法 (Method) | 單位 (Unit) | MDL | 結果 (Result) | |
|---|--|--------------|-----|----------------|------|
| | | | | No.1 | No.2 |
| 鄰苯二甲酸二 (C6-8支鏈)烷基酯 · 富C7 (DIHP) (1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)) (CAS No.: 71888-89-6) | 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. |
| 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. |
| 多氯聯苯 (PCBs) (Polychlorinated biphenyls (PCBs)) | 參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.) | mg/kg | 0.5 | --- | n.d. |
| 多氯萘 (PCNs) (Polychlorinated naphthalene (PCNs)) | 參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.) | mg/kg | 5 | --- | n.d. |
| 多氯三聯苯 (PCTs) (Polychlorinated terphenyls (PCTs)) | 參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.) | mg/kg | 0.5 | --- | n.d. |
| 短鏈氯化石蠟(C10-C13) (SCCP) (Short Chain Chlorinated Paraffins(C10-C13) (SCCP)) (CAS No.: 85535-84-8) | 參考ISO 18219: 2015 · 以氣相層析儀/質譜儀分析。(With reference to ISO 18219: 2015, analysis was performed by GC/MS.) | mg/kg | 50 | --- | n.d. |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

頁數(Page): 6 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

| 測試項目 (Test Items) | 測試方法 (Method) | 單位 (Unit) | MDL | 結果 (Result) | |
|--|---|-------------------|-------|----------------|----------|
| | | | | No.1 | No.2 |
| 三丁基錫 (TBT) (Tributyl tin (TBT)) | 參考ISO 17353: 2004 · 以氣相層析儀/火焰光度偵測器分析。(With reference to ISO 17353: 2004, analysis was performed by GC/FPD.) | mg/kg | 0.03 | --- | n.d. |
| 三苯基錫 (TPT) (Triphenyl tin (TPT)) | | mg/kg | 0.03 | --- | n.d. |
| 二丁基錫 (DBT) (Dibutyl tin (DBT)) | | mg/kg | 0.03 | --- | n.d. |
| 二辛基錫 (DOT) (Diocetyl tin (DOT)) | | mg/kg | 0.03 | --- | n.d. |
| 氧化雙三丁基錫 (TBTO) (Bis(tributyltin) oxide (TBTO)) (CAS No.: 56-35-9) | 由三丁基錫測試結果計算得之。 (Calculated from the result of Tributyl Tin (TBT).) | mg/kg | 0.03▲ | --- | n.d. |
| 聚氯乙烯 (Polyvinyl chloride) (PVC) | 參考ASTM E1252: 2013 · 以傅立葉轉換紅外線光譜儀及焰色法分析。(With reference to ASTM E1252: 2013, analysis was performed by FT-IR and Flame Test.) | ** | - | --- | Negative |
| 銻 (Sb) (Antimony (Sb)) (CAS No.: 7440-36-0) | 參考US EPA 3052: 1996 · 以感應耦合電漿發射光譜儀分析。(With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.) | mg/kg | 2 | --- | n.d. |
| 鈹 (Be) (Beryllium (Be)) (CAS No.: 7440-41-7) | 參考US EPA 3052: 1996 · 以感應耦合電漿發射光譜儀分析。(With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.) | mg/kg | 2 | --- | n.d. |
| 全氟辛烷磺酸及其鹽類 (PFOS and its salts) (CAS No.: 1763-23-1 and its salts) | 參考CEN/TS 15968: 2010 · 以液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.) | µg/m ² | 1 | n.d. | --- |
| 全氟辛酸及其鹽類 (PFOA and its salts) (CAS No.: 335-67-1 and its salts) | | µg/m ² | 1 | n.d. | --- |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

頁數(Page): 7 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出) ; 小於MDL / Less than MDL
4. "-" = Not Regulated (無規格值)
5. "---" = Not Conducted (未測試項目)
6. **= Qualitative analysis (No Unit) 定性分析(無單位)
7. Negative = Undetectable 陰性(未偵測到); Positive = Detectable 陽性(已偵測到)
8. 全氟辛烷磺酸及其鹽類包含 (PFOS and its salts including) :
CAS No.: 29081-56-9, 2795-39-3, 29457-72-5, 70225-14-8, 56773-42-3, 251099-16-8, 307-35-7.
9. 全氟辛酸及其鹽類包含 (PFOA and its salts including) :
CAS No.: 3825-26-1, 335-95-5, 2395-00-8, 335-93-3, 335-66-0.
10. (#2) =
 - a. 當六價鉻結果大於0.13 $\mu\text{g}/\text{cm}^2$ · 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 $\mu\text{g}/\text{cm}^2$. 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 $\mu\text{g}/\text{cm}^2$) · 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 $\mu\text{g}/\text{cm}^2$). The coating is considered a non-Cr(VI) based coating)
 - c. 當六價鉻結果介於 0.10 及 0.13 $\mu\text{g}/\text{cm}^2$ 時 · 無法確定塗層是否含有六價鉻。(The result between 0.10 $\mu\text{g}/\text{cm}^2$ and 0.13 $\mu\text{g}/\text{cm}^2$ is considered to be inconclusive - unavoidable coating variations may influence the determination.)
11. ▲ : MDL是針對元素/測試化合物之評估。(The MDL was evaluated for element / tested substance.)

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

| AX | A | F |
|---|---------------------------|-------|
| 氧化雙三丁基錫 (Bis(tributyltin)oxide) (TBTO) | 三丁基錫 (Tributyl Tin) (TBT) | 1.024 |

參數換算表 (Parameter Conversion Table) :

https://eecloud.sgs.com/Region_TW/DocDownload.aspx#otherDoc

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

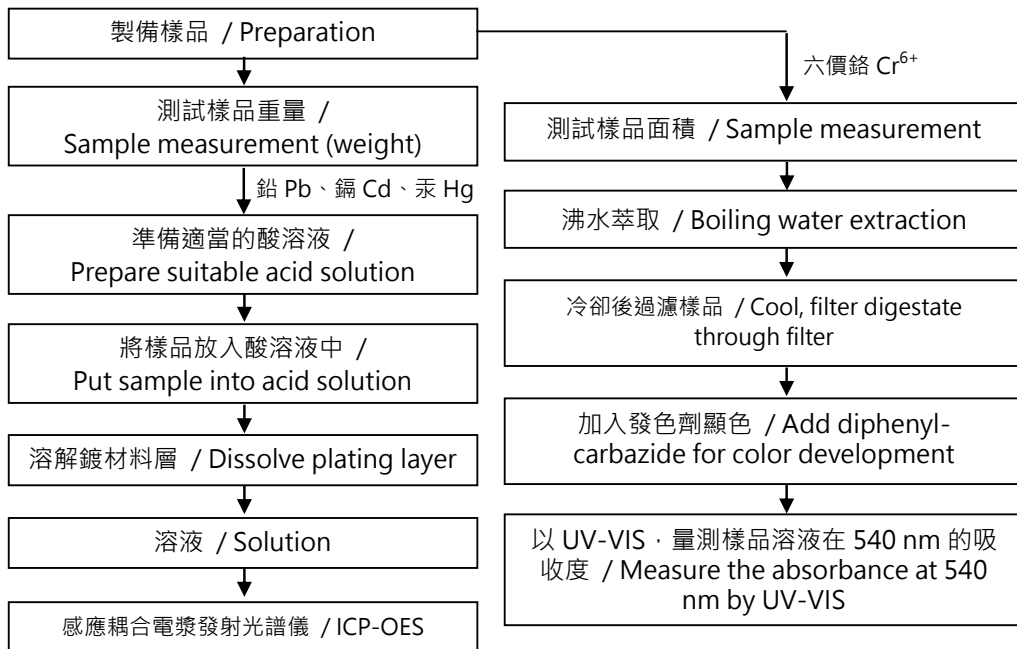
頁數(Page): 8 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

鍍層重金屬測試流程圖 / Flow Chart of Stripping method for metal analysis

根據以下的流程圖之條件，樣品之外部鍍層已完全溶解。(六價鉻測試方法除外) / The plating layer of samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

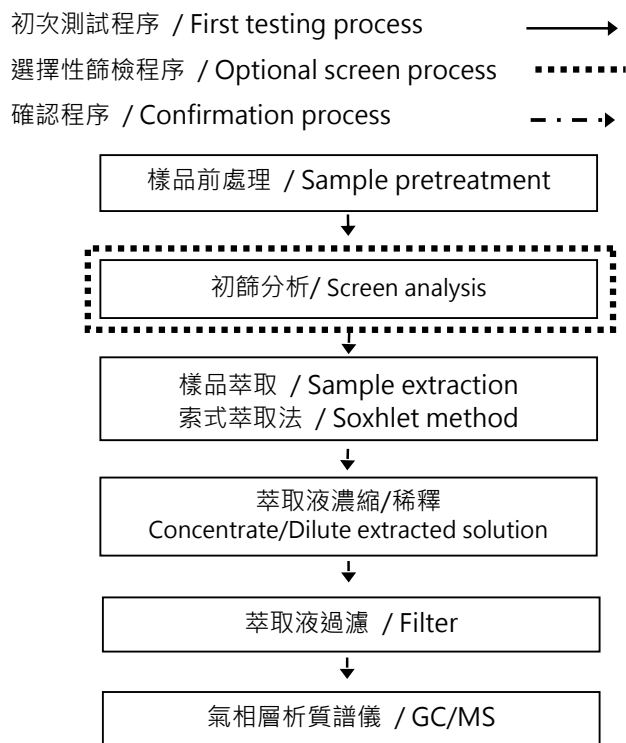
日期(Date): 12-Jan-2022

頁數(Page): 9 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

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



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

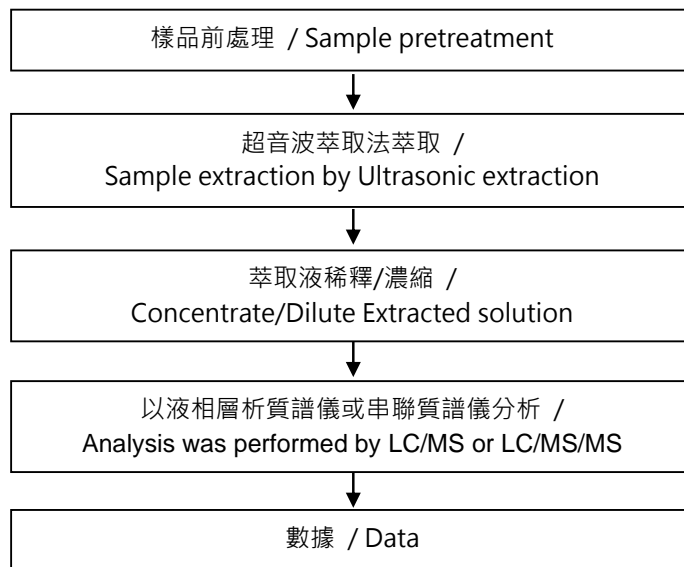
日期(Date): 12-Jan-2022

頁數(Page): 10 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

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



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

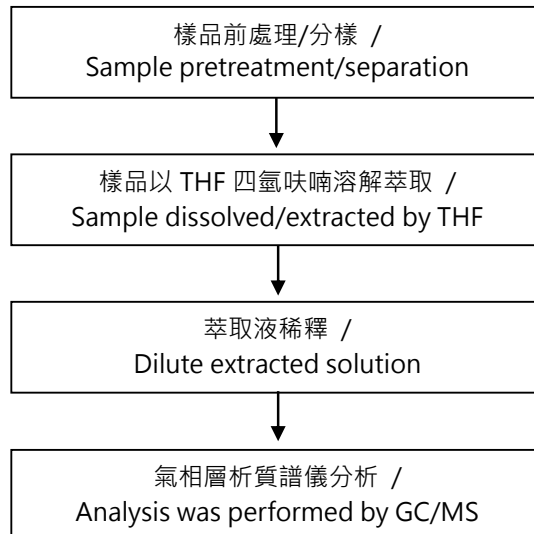
頁數(Page): 11 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

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

【測試方法/Test method: IEC 62321-8】



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

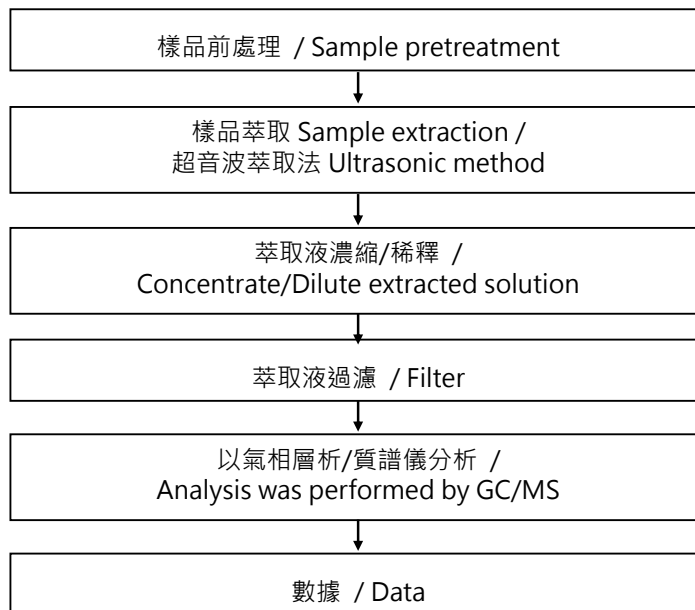
日期(Date): 12-Jan-2022

頁數(Page): 12 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

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



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

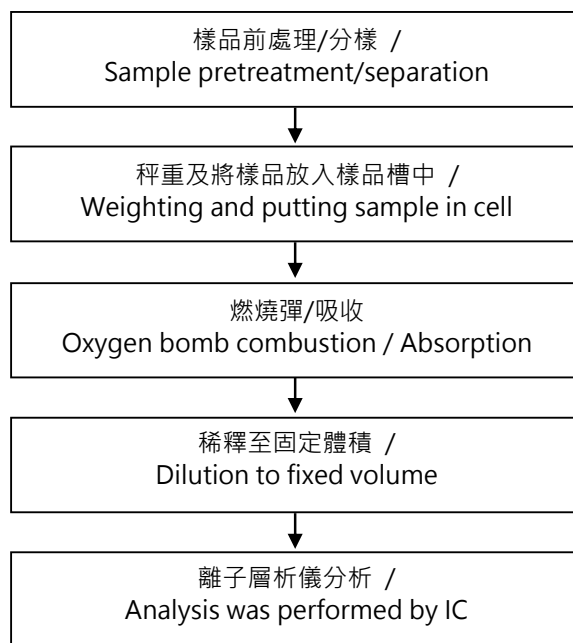
日期(Date): 12-Jan-2022

頁數(Page): 13 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

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



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

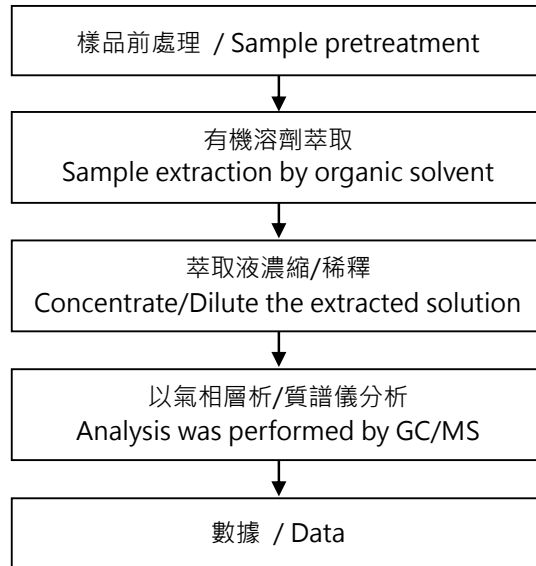
景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

分析流程圖 / Analytical flow chart

【適用於：多氯聯苯、多氯萘、多氯三聯苯、滅蟻靈、氯化石蠟、DBBT】

*Apply to: PCBs, PCNs, PCTs, Mirex, Chlorinated Paraffins, DBBT



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

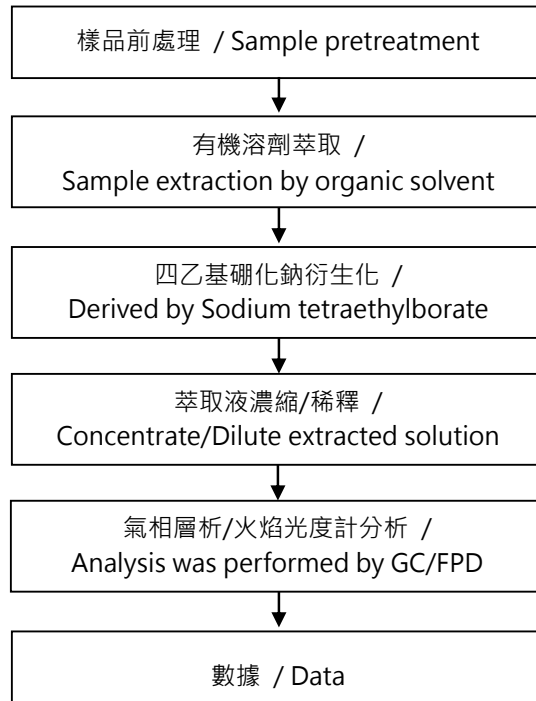
日期(Date): 12-Jan-2022

頁數(Page): 15 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

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

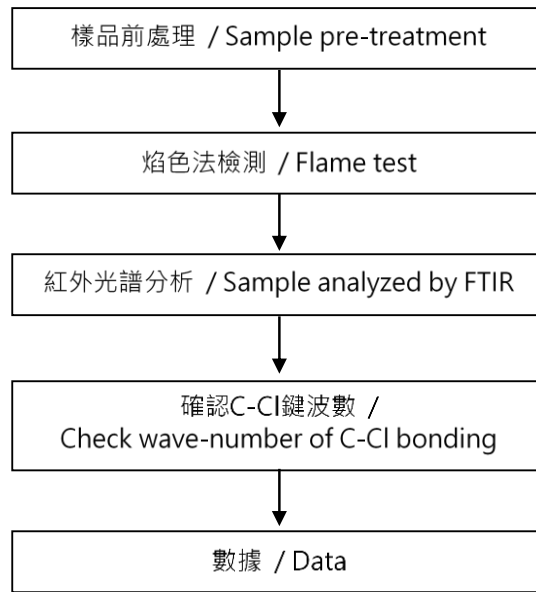


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

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



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

頁數(Page): 17 of 18

景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

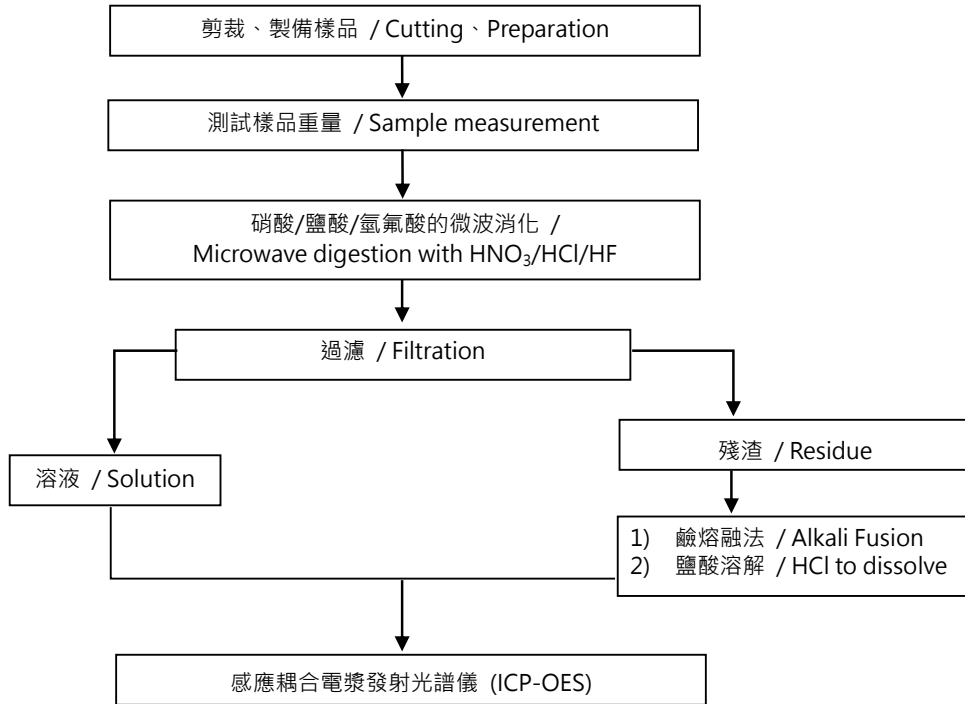
桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

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

根據以下的流程圖之條件，樣品已完全溶解。

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

【參考方法/Reference method : US EPA 3051A、US EPA 3052】



* US EPA 3051A 方法未添加氫氟酸 / US EPA 3051A method does not add HF.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.): ETR21C06076

日期(Date): 12-Jan-2022

頁數(Page): 18 of 18

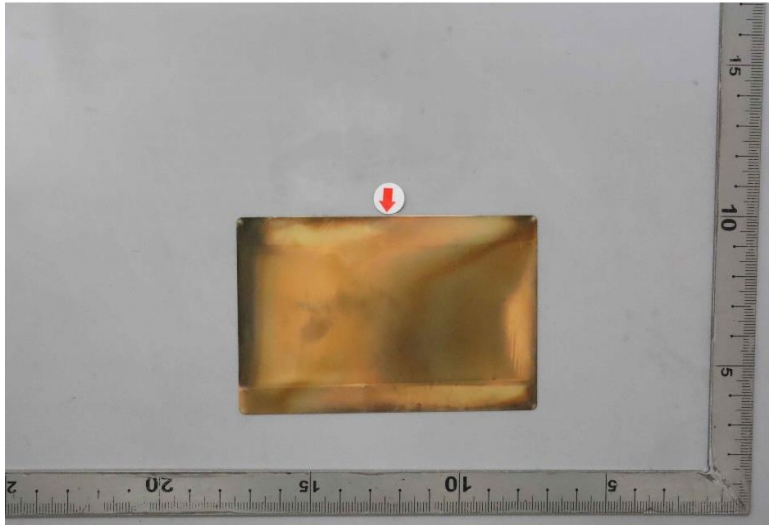
景碩科技股份有限公司 (KINSUS INTERCONNECT TECHNOLOGY CORP.)

桃園市新屋區中華路1245號 (NO. 1245, JUNGHUA RD., SHIN-WU DISTRICT, TAOYUAN 327, TAIWAN)

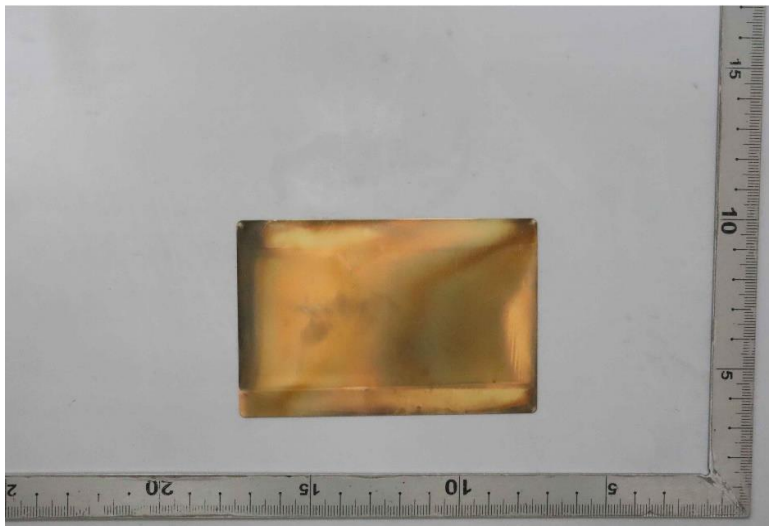
* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*

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

ETR21C06076 NO.1



ETR21C06076 NO.2



** 報告結尾 (End of Report) **

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com.tw/terms-of-service> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com.tw/terms-of-service>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.