

喬聯化工有限公司
臺南市仁德區太子四街73巷2號

以下測試樣品係由客戶送樣，且由客戶聲稱並經客戶確認如下：

樣品名稱	:	特白油墨
樣品型號	:	WS-2105W、WS-2105WH、WS-2106W、WS-2106WH、WS-21062W、 WS-2107W、WS-2107WH、CL-106W、PO-105W
樣品顏色	:	白色
收件日期	:	2014/11/12.
測試期間	:	2014/11/12 TO 2014/11/17
送樣廠商	:	喬聯化工有限公司

=====
測試結果 : 請見下一頁.



Ray Chang / Asst. Manager
Signed for and on behalf of
SGS Taiwan Limited
Chemical Laboratory-Kaohsiung

喬聯化工有限公司
臺南市仁德區太子四街73巷2號

測試項目	單位	測試方法	方法偵測 極限值	結果
				NO.1
全氟辛烷磺酸 (PFOS) PFOS - Acid PFOS - Metal Salt PFOS - Amide	mg/kg	參考US EPA 3550C: 2007方法, 以液相層析/質譜儀檢測.	10	n.d.
全氟辛酸(銨) / PFOA (CAS No.: 335-67-1)	mg/kg	參考US EPA 3550C: 2007方法, 以液相層析/質譜儀檢測.	10	n.d.
鹵素				
鹵素 (氟) (CAS No.: 014762-94-8)	mg/kg	參考BS EN 14582:2007, 以離子層析儀分析.	50	n.d.
鹵素 (氯) (CAS No.: 022537-15-1)	mg/kg	參考BS EN 14582:2007, 以離子層析儀分析.	50	116
鹵素 (溴) (CAS No.: 010097-32-2)	mg/kg	參考BS EN 14582:2007, 以離子層析儀分析.	50	n.d.
鹵素 (碘) (CAS No.: 014362-44-8)	mg/kg	參考BS EN 14582:2007, 以離子層析儀分析.	50	n.d.

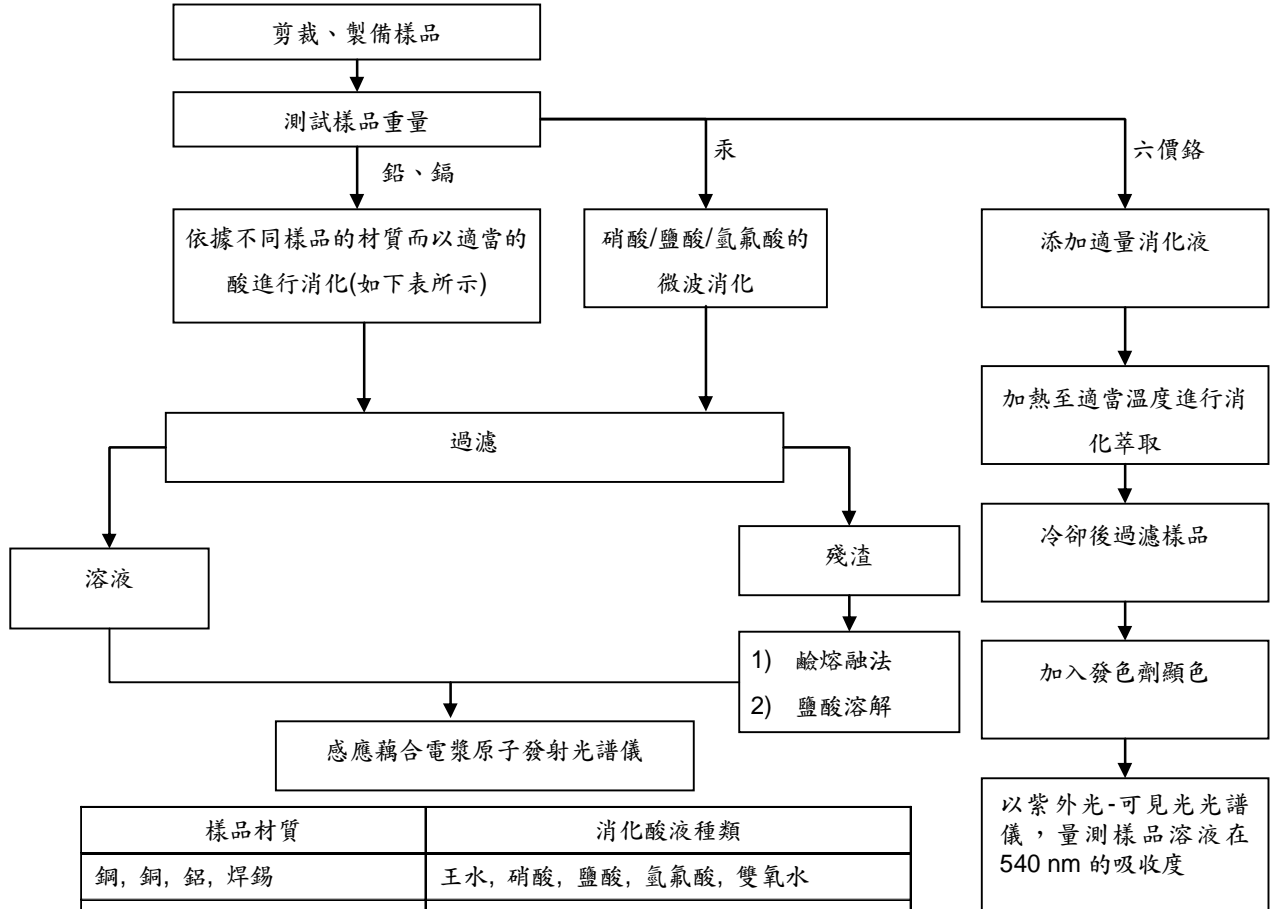
- 備註： 1. mg/kg = ppm ; 0.1wt% = 1000ppm
 2. n.d. = Not Detected / 未檢出
 3. MDL = Method Detection Limit / 方法偵測極限值
 4. "-" = Not Regulated / 無規格值

PFOS參考資訊：持久性有機污染物 POPs - (EU) 757/2010

PFOS濃度在物質或製備中不得超過0.001%(10ppm)，在半成品、成品或零部件中不得超過0.1%(1000ppm)，在紡織品或塗層材料中不得超過1µg/m²。

喬聯化工有限公司
臺南市仁德區太子四街73巷2號

- 1) 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)
- 2) 測試人員：劉俊宏
- 3) 測試負責人：張伯睿



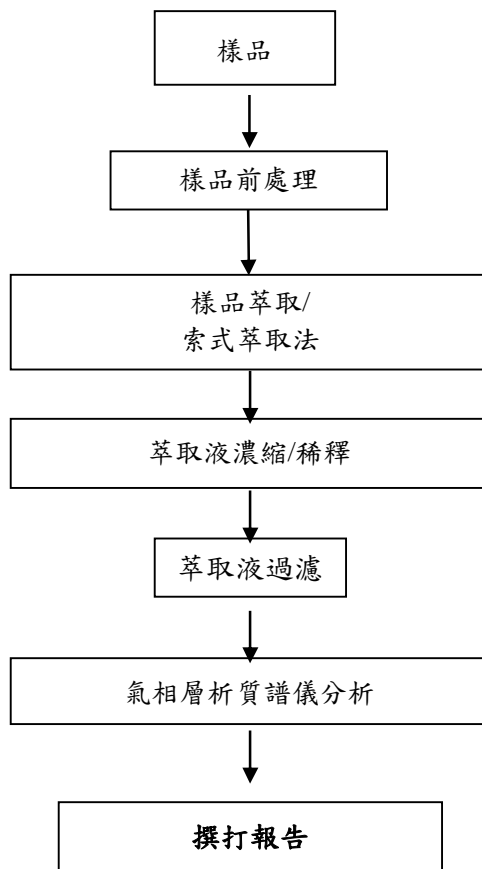
樣品材質	消化酸液種類
鋼，銅，鋁，焊錫	王水，硝酸，鹽酸，氫氟酸，雙氧水
玻璃	硝酸，氫氟酸
金，鉑，鈀，陶瓷	王水
銀	硝酸
塑膠	硫酸，雙氧水，硝酸，鹽酸
其他	加入任何酸至完全溶解

Note :** (1) 針對非金屬材料加入鹼性消化液，加熱至 90~95°C 萃取。
(2) 針對金屬材料加入純水，加熱至沸騰萃取。

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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 instructions, 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.

多溴聯苯/多溴聯苯醚分析流程圖

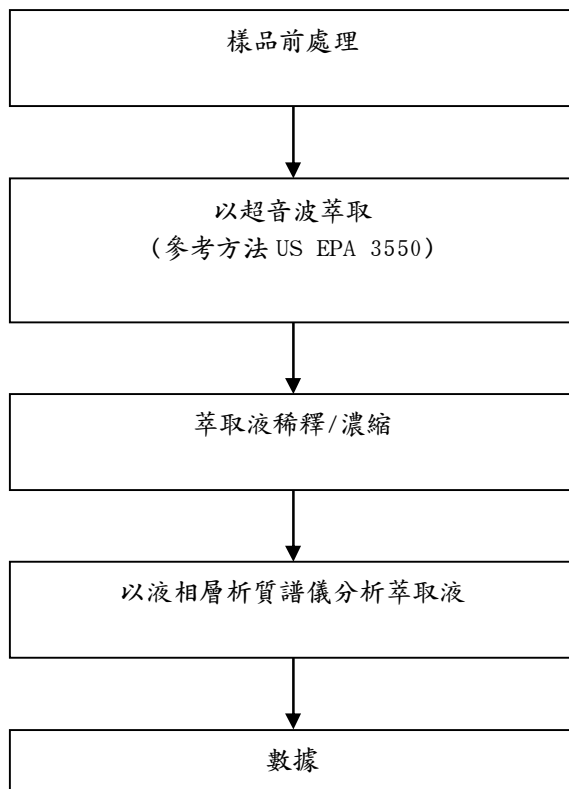
- 1) 測試人員：陳威錚
- 2) 測試負責人：張伯睿



全氟辛酸(銨)/ 全氟辛烷磺酸分析流程圖

1) 測試人員：黃璟瓊

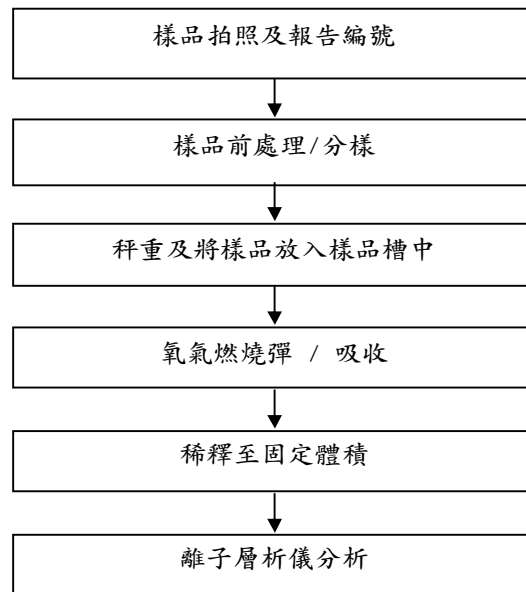
2) 測試負責人：張伯睿



喬聯化工有限公司
臺南市仁德區太子四街73巷2號

鹵素分析流程圖

- 1) 測試人員：洪秀真
- 2) 測試負責人：張伯睿



喬聯化工有限公司
臺南市仁德區太子四街73巷2號

* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*

KE/2014/B1102



** 報告結尾 **

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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 instructions, 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.