

## 測試報告

## Test Report

號碼(No.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 1 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

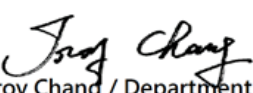
以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by the applicant as) :

送樣廠商(Sample Submitted By) : 瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)  
樣品名稱(Sample Name) : AC POWER CORD  
樣品型號(Style/Item No.) : 請參考第2~3頁 (PLEASE REFER TO PAGE 2~3)

=====  
收件日(Sample Receiving Date) : 07-Jan-2023  
測試期間(Testing Period) : 07-Jan-2023 to 13-Jan-2023

測試需求(Test Requested) : 依據客戶指定，測試 PAHs 及其他測項。(As specified by client, to test PAHs and other item(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



PIN CODE: 93E2C3B4

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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 2 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

樣品型號(Style/Item No.) :

( CABLE )

SPECIFICATION OF CABLE-IRE : SPT-1 18AWG 2C 、 SPT-2 18AWG 2C 、 NISPT-1 18AWG 2C 、 NISPT-2 18AWG 2C 、 SPT-1 18AWG 3C 、 SPT-2 18AWG 3C 、 SPT-2 16AWG 2C 、 SVT 18AWG 2C 、 SVT 18AWG 3C 、 SVT 17AWG 2C 、 SVT 16AWG 2C 、 SJT 16AWG 2C 、 SJT 18AWG 2C 、 SJT 18AWG 3C 、 SJT 16AWG 3C 、 SJT 14AWG 3C 、 SJT 14AWG 2C 、 SJT 12AWG 3C 、 SJTW 18AWG 3C 、 SJTW 16AGW 3C 、 SJTW 14AGW 3C 、 SJTW 18AWG 2C 、 SJTW 16AWG 2C 、 SJTW 14AWG 2C 、 SJTOW 18AWG 3C 、 SJTOW 16AWG 3C 、 SJTOW 14AWG 3C 、 SJTOW 18AWG 2C 、 SJTOW 16AWG 2C 、 SJTOW 14AWG 2C 、 HPN 18AWG 2C 、 H05VV-F 3G 0.75mm 、 H05VV-F 3G 1.00mm 、 H05VV-F 3G 1.50mm 、 H03VV-F 3G 0.75mm 、 H03VVH2-F 2X 0.75mm 、 H03VV-F 2X 0.75mm 、 H05VV-F 2X 0.75mm 、 H05VV-F 2X 1.0mm 、 H05VVH2-F 2X 0.75mm 、 RVV 3G 0.75mm 、 RVV 3G 1.00mm 、 RVV 2X 0.75mm 、 RVV 2X 1.0mm 、 RVV 2X 0.5mm 、 RVV 3G 0.5mm 、 RVV 3G 1.5mm 、 RVV 3G 2.5mm 、 60227 IEC53 3C 0.75mm 、 60227 IEC52 2C 0.75mm 、 60245 IEC57 3C 0.75mm 、 60245 IEC57 3C 1.0mm 、 UL1007 、 UL1015 、 UL1185 、 UL2464 、 UL2468 、 UL2725 、 UL20276 、 UL3122 、 VSF RVB 2G 0.75mm 、 RVB 2G 1.0mm 、 (H) VFF 2C 0.75mm 、 (H) VFF 2C 1.25mm 、 (H) VFF 2C 2.00mm 、 (H) VCTFK 2C 0.75mm 、 (H) VCTFK 2C 1.25mm 、 (H) VCTFK 2C 2.00mm 、 (H) VCTF 2C 0.75mm 、 (H) VCTF 2C 1.25mm 、 (H) VCTF 2C 2.00mm 、 (H) VCTF 3C 0.75mm 、 (H) VCTF 3C 1.25mm 、 (H) VCTF 3C 2.00mm 、 HHFF 2C 0.75mm 、 HHFF 2C 1.25mm 、 HHFF 2C 2.00mm 、 PNCTF 3C 0.75mm 、 3C 1.25mm 、 3C 1.0mm 、 PNCTFK 2C 0.75mm 、 2C 1.0mm 、 YY扁線 2G 0.75mm 、 YY圓線 3G 0.75mm 、 YY圓線 3G 1.0mm 、 低煙無鹵EN50306-4 、 低煙無鹵EN50264-3-2 、 低煙無鹵WDZB-RYY

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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 3 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

### ( PLUG )

PLUG : SM-001、SM-001L、SH-001、SH-001Q、SH-001K、SM-003、SH-015、SH-015T1、SH-015T2、SH-015T3、SH-015T4、SH-015A、SH-015B、SH-015D、SH-015R、SH-015S、SH-015Q、SH-015L、SH-015E、SM-045、SH-005、SH-005K、SH-007K、SH-008、SM-008、SM-009、SH-009、SM-010、SH-018、SH-018L2、SM-018、SH-019L、SH-025、SH027、SH-030、SH-032、SH-037、SH-037A、SH-051、SH-051R、SH-052、SH-053、SH-055、SH-056、SH-062、SH-064、SH-081、SM-318、SM-318A、YP-02L、YP-04、YP-12、YP-18、YP-21、YP-21A、YP-21K、YP-22、YP-22K、YP-24、YP-32、YP-33、YP-37、YP-45、YP-46、YP-47、YP-48、YP-50、YP-51、YP-57、YP-61、YP-61A、YP-71、YP-80、YP-81、SW-168、KD-168、KD-166 ( 英式組裝頭 )、SH1512、JF1503L、JF1512、JF1535、JF1535L、JF1512L、JF0812、JF0813L、LX-C14、LX-C20

### ( OUTLET )

OUTLET : SM-006、SM-006L、SM-006L1、SM-006L2、SM-006L3、SM-006L4、SH-006、SH-006L、SH-006L1、SH-006L2、SH-006L3、SH-006L4、SH-006R、SH-006L-006、SM-035、SH-063、SM-103、SH-103、SM-103L、SH-103L、SM-104、SM104-1、SM-112、SM-112L、SH-112、SH-112L、YC-12、YC-12L、YC-13、YC-14、YC-18、YC-21、R-301、R-307、R-201A、R-201B、LX-C13、LX-C19

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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 4 of 16

互(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

### 測試部位敘述 (Test Part Description)

No.1 : 整體混測 (MIXED ALL PARTS)

### 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)) (CAS No.: 7440-43-9)	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)) (CAS No.: 7439-92-1)	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	23.7
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	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)) (CAS No.: 18540-29-9)	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.

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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 5 of 16

互(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

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)) (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)	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(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP)) (CAS No.: 117-81-7)	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.
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	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.

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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 6 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
<b>多環芳香烴 (Polycyclic Aromatic Hydrocarbons) (PAHs)</b>				
苯駢(a)芘 (Benzo[a]pyrene) (CAS No.: 50-32-8)	參考AfPS GS 2019:01 PAK · 以氣相層析儀/質譜儀分析。(With reference to AfPS GS 2019:01 PAK, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.
苯駢(e)芘 (Benzo[e]pyrene) (CAS No.: 192-97-2)		mg/kg	0.2	n.d.
苯駢蔥 (Benzo[a]anthracene) (CAS No.: 56-55-3)		mg/kg	0.2	n.d.
苯(b)苯駢芴 (Benzo[b]fluoranthene) (CAS No.: 205-99-2)		mg/kg	0.2	n.d.
苯(j)苯駢芴 (Benzo[j]fluoranthene) (CAS No.: 205-82-3)		mg/kg	0.2	n.d.
苯(k)苯駢芴 (Benzo[k]fluoranthene) (CAS No.: 207-08-9)		mg/kg	0.2	n.d.
蒽 (Chrysene) (CAS No.: 218-01-9)		mg/kg	0.2	n.d.
二苯駢蔥 (Dibenzo[a,h]anthracene) (CAS No.: 53-70-3)		mg/kg	0.2	n.d.
苯駢芘 (Benzo[g,h,i]perylene) (CAS No.: 191-24-2)		mg/kg	0.2	n.d.
茚酮芘 (Indeno[1,2,3-c,d]pyrene) (CAS No.: 193-39-5)		mg/kg	0.2	n.d.
蔥 (Anthracene) (CAS No.: 120-12-7)		mg/kg	0.2	n.d.
苯駢芴 (Fluoranthene) (CAS No.: 206-44-0)		mg/kg	0.2	n.d.
菲 (Phenanthrene) (CAS No.: 85-01-8)		mg/kg	0.2	n.d.
芘 (Pyrene) (CAS No.: 129-00-0)		mg/kg	0.2	n.d.
萘 (Naphthalene) (CAS No.: 91-20-3)		mg/kg	0.2	n.d.
多環芳香烴15項總和 (Sum of 15 PAHs)	mg/kg	-	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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 7 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
全氟辛烷磺酸 (PFOS) (Perfluorooctane sulfonates (PFOS)) (CAS No.: 1763-23-1)	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.)	mg/kg	0.01	n.d.
全氟辛基磺酸鉀 (PFOS-K) (Potassium Perfluorooctanesulfonate (PFOS-K)) (CAS No.: 2795-39-3)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸鋰 (PFOS-Li) (Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)) (CAS No.: 29457-72-5)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸銨 (PFOS-NH4) (Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH4)) (CAS No.: 29081-56-9)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸二乙醇銨 (PFOS-NH(OH)2) (Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(OH)2)) (CAS No.: 70225-14-8)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸四乙基銨 (PFOS-N(C2H5)4) (Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C2H5)4)) (CAS No.: 56773-42-3)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸二癸二甲基銨 (PFOS-DDA) (N-decyl-N,N-dimethyldecyl-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctane-1-sulfonate (PFOS-DDA)) (CAS No.: 251099-16-8)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酰氟 (POSF) (Perfluorooctane sulfonyl fluoride (POSF)) (CAS No.: 307-35-7)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 8 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
全氟辛基磺酸鎂 (PFOS-Mg) (Perfluorooctanesulfonic acid, magnesium salt (PFOS-Mg)) (CAS No.: 91036-71-4)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸鈉 (PFOS-Na) (Perfluorooctanesulfonic acid, sodium salt (PFOS-Na)) (CAS No.: 4021-47-0)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
N-乙基全氟正辛磺醯胺 (EtFOSA) (N- ethylperfluoro-1-octanesulfonamide (EtFOSA)) (CAS No.: 4151-50-2)	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.)	mg/kg	0.01	n.d.
N-甲基全氟正辛磺醯胺 (N-Me-FOSA) (N-Methyl-Perfluorooctanesulfonamide (N-Me-FOSA)) (CAS No.: 31506-32-8)	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.)	mg/kg	0.01	n.d.
N-乙基全氟辛基磺醯胺乙醇 (N-Et-FOSE alcohol) (N-Ethyl- Perfluorooctanesulfonamidoethanol (N- Et-FOSE alcohol)) (CAS No.: 1691-99-2)	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.)	mg/kg	0.01	n.d.
N-甲基全氟辛基磺醯胺乙醇 (N-Me-FOSE alcohol) (N-Methyl- Perfluorooctanesulfonamidoethanol (N- Me-FOSE alcohol)) (CAS No.: 24448- 09-7)	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.)	mg/kg	0.01	n.d.
全氟辛基磺醯胺 (PFOSA) (Perfluorooctanesulfonamide (PFOSA)) (CAS No.: 754-91-6)	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.)	mg/kg	0.01	n.d.
全氟辛酸(PFOA) (Perfluorooctanoic Acid (PFOA)) (CAS No.: 335-67-1)	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.)	mg/kg	0.01	n.d.
全氟辛酸鈉 (PFOA-Na) (Sodium perfluorooctanoate (PFOA-Na )) (CAS No.: 335-95-5)	由全氟辛酸測試結果計算得之。(Calculated from the result of PFOA.)	mg/kg	0.01▲	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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 9 of 16

互(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
全氟辛酸鉀 (PFOA-K) (Potassium perfluorooctanoate (PFOA-K)) (CAS No.: 2395-00-8)	由全氟辛酸測試結果計算得之。(Calculated from the result of PFOA.)	mg/kg	0.01▲	n.d.
全氟辛酸銀 (PFOA-Ag) (Silver perfluorooctanoate (PFOA-Ag)) (CAS No.: 335-93-3)	由全氟辛酸測試結果計算得之。(Calculated from the result of PFOA.)	mg/kg	0.01▲	n.d.
全氟辛氟 (PFOA-F) (Perfluorooctanoyl fluoride (PFOA-F)) (CAS No.: 335-66-0)	由全氟辛酸測試結果計算得之。(Calculated from the result of PFOA.)	mg/kg	0.01▲	n.d.
全氟辛酸銨 (APFO) (Ammonium pentadecafluorooctanoate (APFO)) (CAS No.: 3825-26-1)	由全氟辛酸測試結果計算得之。(Calculated from the result of PFOA.)	mg/kg	0.01▲	n.d.
1H,1H,2H,2H-全氟癸磺酸 (8:2 FTS) (1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)) (CAS No.: 39108-34-4)	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.)	mg/kg	0.01	n.d.
全氟辛酸甲酯 (Me-PFOA) (Methyl perfluorooctanoate (Me-PFOA)) (CAS No.: 376-27-2)	參考CEN/TS 15968: 2010。以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.
全氟辛酸乙酯 (Et-PFOA) (Ethyl perfluorooctanoate (Et-PFOA)) (CAS No.: 3108-24-5)	參考CEN/TS 15968: 2010。以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.
1H,1H,2H,2H-全氟-1-癸醇 (8:2 FTOH) (1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)) (CAS No.: 678-39-7)	參考CEN/TS 15968: 2010。以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.
1H,1H,2H,2H-全氟癸基丙烯酸酯 (8:2 FTA) (1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)) (CAS No.: 27905-45-9)	參考CEN/TS 15968: 2010。以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.
1H,1H,2H,2H-全氟癸基甲基丙烯酸鹽 (8:2 FTMA) (1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)) (CAS No.: 1996-88-9)	參考CEN/TS 15968: 2010。以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 10 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
全氟辛基碘烷 (PFOI) (Perfluoro-1-iodooctane (PFOI)) (CAS No.: 507-63-1)	參考CEN/TS 15968: 2010 · 以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	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. ▲ : MDL是針對元素/測試化合物之評估。(The MDL was evaluated for element / tested substance.)

參數換算表 (Parameter Conversion Table) :

[https://eecloud.sgs.com/Region\\_TW/DocDownload.aspx?name=Others](https://eecloud.sgs.com/Region_TW/DocDownload.aspx?name=Others)

6. 樣品的測試是基於申請人要求混合測試 · 報告中的混合測試結果不代表其中個別單一材質的含量。  
The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.

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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 11 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

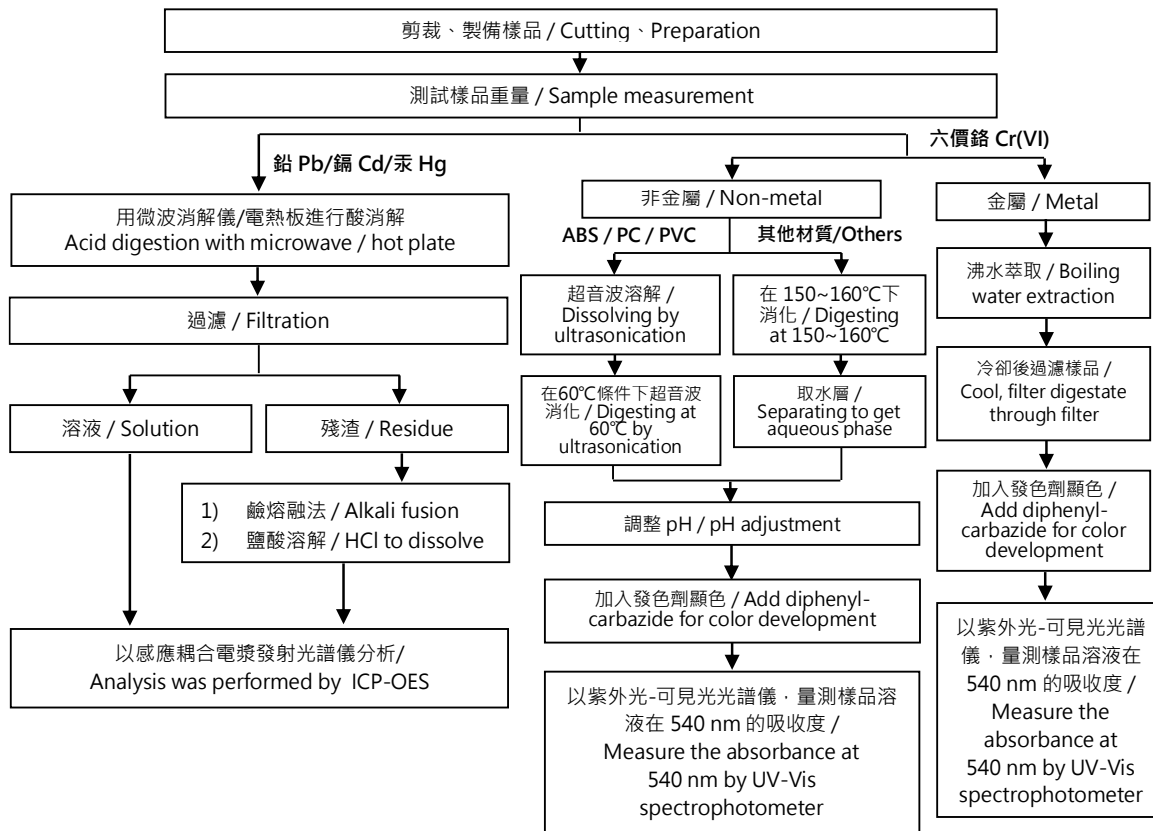
基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

### 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<sup>6+</sup> 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.): ETR23102518

日期(Date): 13-Jan-2023

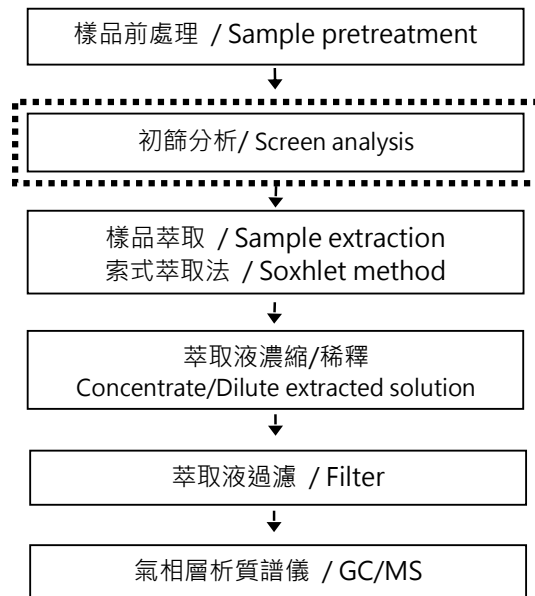
頁數(Page): 12 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

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

- 初次測試程序 / First testing process      —————→
- 選擇性篩檢程序 / Optional screen process      ······→
- 確認程序 / Confirmation process      - - - - -→



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.): ETR23102518

日期(Date): 13-Jan-2023

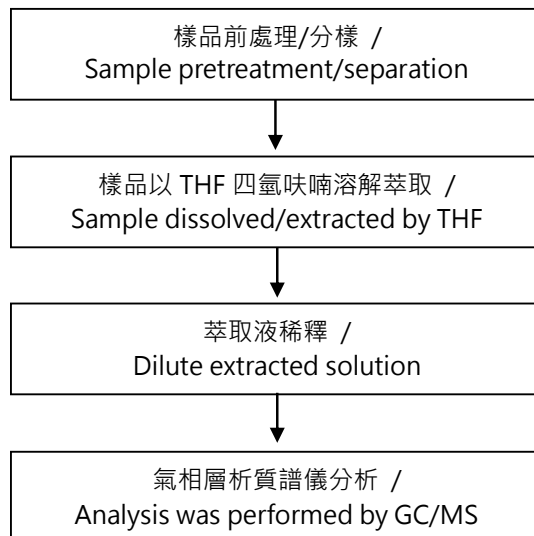
頁數(Page): 13 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, 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.): ETR23102518

日期(Date): 13-Jan-2023

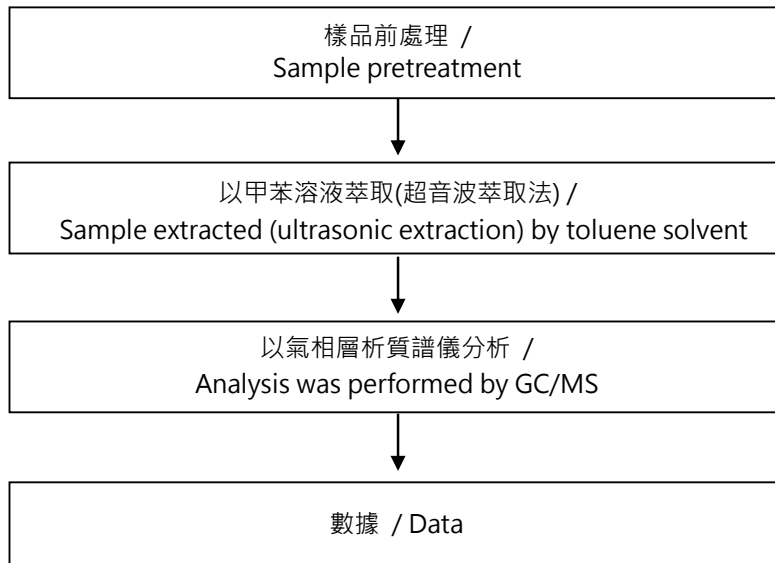
頁數(Page): 14 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

### 多環芳香烴分析流程圖 /

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



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.): ETR23102518

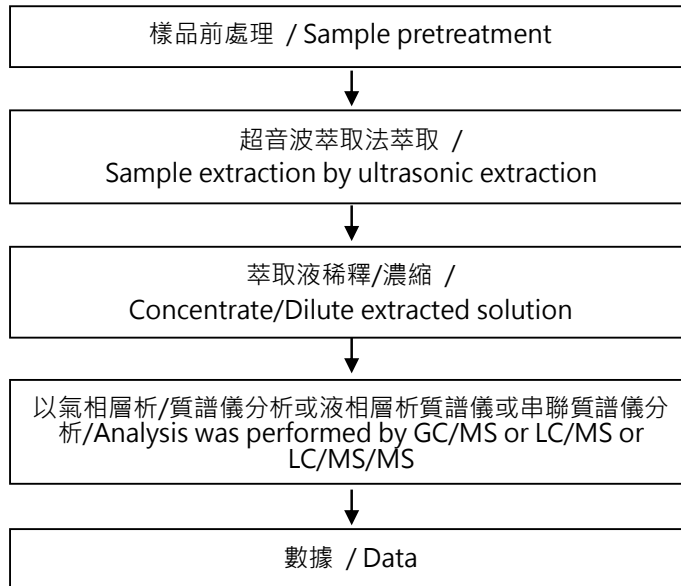
日期(Date): 13-Jan-2023

頁數(Page): 15 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

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



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.): ETR23102518

日期(Date): 13-Jan-2023

頁數(Page): 16 of 16

瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, 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.)

### ETR23102518



\*\* 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.