

# 檢測報告 Test Report

報告編號 ECL01J013320001E  
Report No. ECL01J013320001E

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申請單位 士筌實業股份有限公司  
Applicant PEACCO ENTERPRISE CORPORATION  
地址 24261 新北市新莊區雙鳳路 123 號 5 樓  
Address 5F, NO. 123, SHUANGFONG RD., XINZHUANG DIST, NEW TAIPEI CITY 24261,  
TAIWAN (R.O.C)

以下測試之樣品及樣品信息由申請者提供並確認

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

樣品名稱 比可無鉻耐蝕金屬表面處理液  
Sample Name PEACCO NON-CHROMATE METAL SURFACE TREATMENT SOLUTIONS

樣品型號 Part No. N7111-1

樣品接收日期 2017.03.15

Sample Received Date Mar. 15, 2017

樣品檢測日期 2017.03.15-2017.03.17

Testing Period Mar. 15, 2017 to Mar. 17, 2017

檢測要求 根據客戶要求，對所提交樣品中的鉛(Pb)，鎘(Cd)，汞(Hg)，六價鉻(Cr(VI))，多溴聯苯(PBBs)，多溴二苯醚(PBDEs)，鄰苯二甲酸酯(DBP, BBP, DEHP, DIBP)，氟(F)，氯(Cl)，溴(Br)，碘(I)進行測試。

Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Phthalates(DBP, BBP, DEHP, DIBP), Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I) in the submitted sample(s).

檢測依據和檢測結果：請參見下頁

Test Method & Test Result : Please refer to following pages.

主 檢 張孝瑜 審 核 陶英  
Tested by Reviewed by

批 准 蘇紅偉 日 期  
Approved by Date 2017.03.17

蘇紅偉

實驗室高級經理 Senior Laboratory Manager

No. T172793198

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檢驗檢測專用章  
Inspection & Testing Services

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### 檢測依據 Test Method

測試項目 Tested Item	測試方法 Test Method	測試儀器 Measured Equipment
鉛(Pb) Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
鎘(Cd) Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
汞(Hg) Mercury (Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
六價鉻(Cr(VI)) Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis
多溴聯苯(PBBs) Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
多溴二苯醚(PBDEs) Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
鄰苯二甲酸酯(DBP, BBP, DEHP, DIBP) Phthalates(DBP, BBP, DEHP, DIBP)	參考 IEC 62321-8 CDV Refer to IEC 62321-8 CDV	GC-MS
氟(F) Fluorine(F)	參考 BS EN 14582:2007 Refer to BS EN 14582:2007	IC
氯(Cl) Chlorine Cl)	參考 BS EN 14582:2007 Refer to BS EN 14582:2007	IC
溴(Br) Bromine(Br)	參考 BS EN 14582:2007 Refer to BS EN 14582:2007	IC
碘(I) Iodine(I)	參考 BS EN 14582:2007 Refer to BS EN 14582:2007	IC

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### 檢測結果 Test Result

測試項目 Tested Item(s)	結果 Result	方法檢出限 MDL
鉛 Lead (Pb)	N.D.	2mg/kg
鎘 Cadmium (Cd)	N.D.	2mg/kg
汞 Mercury (Hg)	N.D.	2mg/kg
六價鉻 Hexavalent Chromium (Cr(VI))	N.D.	2mg/kg

測試項目 Tested Item(s)	結果 Result	方法檢出限 MDL
<b>多溴聯苯 Polybrominated Biphenyls(PBBs)</b>		
一溴聯苯 Monobromodiphenyl	N.D.	5mg/kg
二溴聯苯 Dibromobiphenyl	N.D.	5mg/kg
三溴聯苯 Tribromobiphenyl	N.D.	5mg/kg
四溴聯苯 Tetrabromobiphenyl	N.D.	5mg/kg
五溴聯苯 Pentabromobiphenyl	N.D.	5mg/kg
六溴聯苯 Hexabromobiphenyl	N.D.	5mg/kg
七溴聯苯 Heptabromobiphenyl	N.D.	5mg/kg
八溴聯苯 Octabromobiphenyl	N.D.	5mg/kg
九溴聯苯 Nonabromobiphenyl	N.D.	5mg/kg
十溴聯苯 Decabromobiphenyl	N.D.	5mg/kg
<b>多溴二苯醚 Polybrominated Diphenyl Ethers(PBDEs)</b>		
一溴二苯醚 Monobromodiphenyl ether	N.D.	5mg/kg
二溴二苯醚 Dibromobiphenyl ether	N.D.	5mg/kg
三溴二苯醚 Tribromobiphenyl ether	N.D.	5mg/kg
四溴二苯醚 Tetrabromobiphenyl ether	N.D.	5mg/kg
五溴二苯醚 Pentabromobiphenyl ether	N.D.	5mg/kg
六溴二苯醚 Hexabromobiphenyl ether	N.D.	5mg/kg
七溴二苯醚 Heptabromobiphenyl ether	N.D.	5mg/kg
八溴二苯醚 Octabromobiphenyl ether	N.D.	5mg/kg
九溴二苯醚 Nonabromobiphenyl ether	N.D.	5mg/kg
十溴二苯醚 Decabromobiphenyl ether	N.D.	5mg/kg

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測試項目 Tested Item(s)	結果 Result	方法檢出限 MDL
<b>鄰苯二甲酸酯 Phthalates</b>		
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) Bis(2-ethyl(hexyl)) phthalate (DEHP) CAS#:117-81-7	N.D.	50mg/kg
鄰苯二甲酸二正丁酯(DBP) Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50mg/kg
鄰苯二甲酸丁基苄酯(BBP) Benzylbutyl phthalate (BBP) CAS#:85-68-7	N.D.	50mg/kg
鄰苯二甲酸二異丁酯(DIBP) Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50mg/kg

測試項目 Tested Item(s)	結果 Result	方法檢出限 MDL
<b>鹵素 Halogen</b>		
氟 Fluorine (F)	N.D.	10mg/kg
氯 Chlorine (Cl)	N.D.	10mg/kg
溴 Bromine (Br)	N.D.	10mg/kg
碘 Iodine (I)	N.D.	10mg/kg

測試樣品/部位描述 無色透明液體

**Tested Sample/Part Description** Colorless transparent liquid

備註: 對於檢測鉛, 鎘, 汞之樣品已完全溶解。

-N.D. = 未檢出 (小於方法檢出限)

-mg/kg = ppm = 百萬分之一

**Remark: The sample had been dissolved totally tested for Lead, Cadmium, Mercury.**

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

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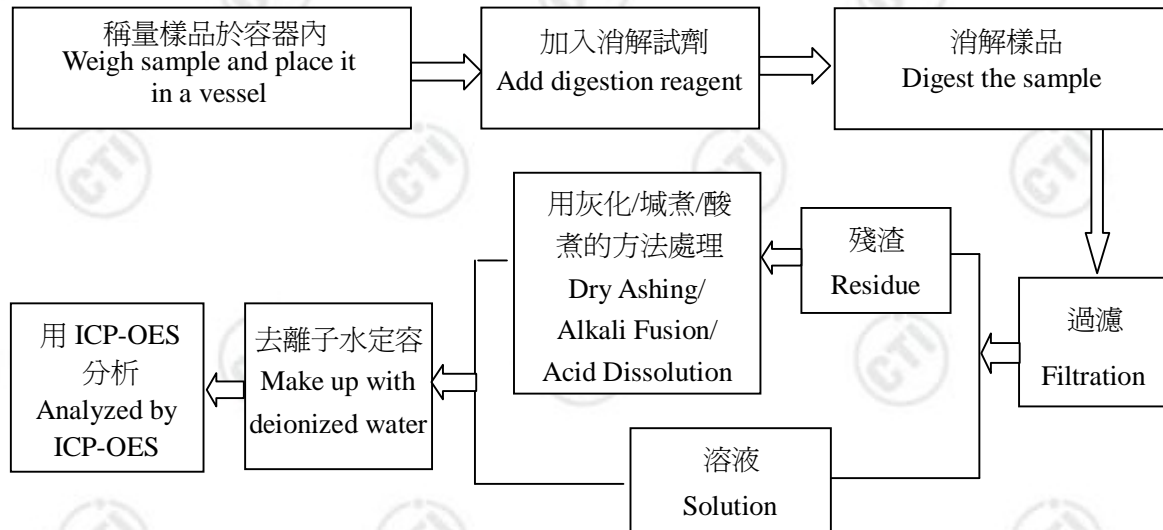
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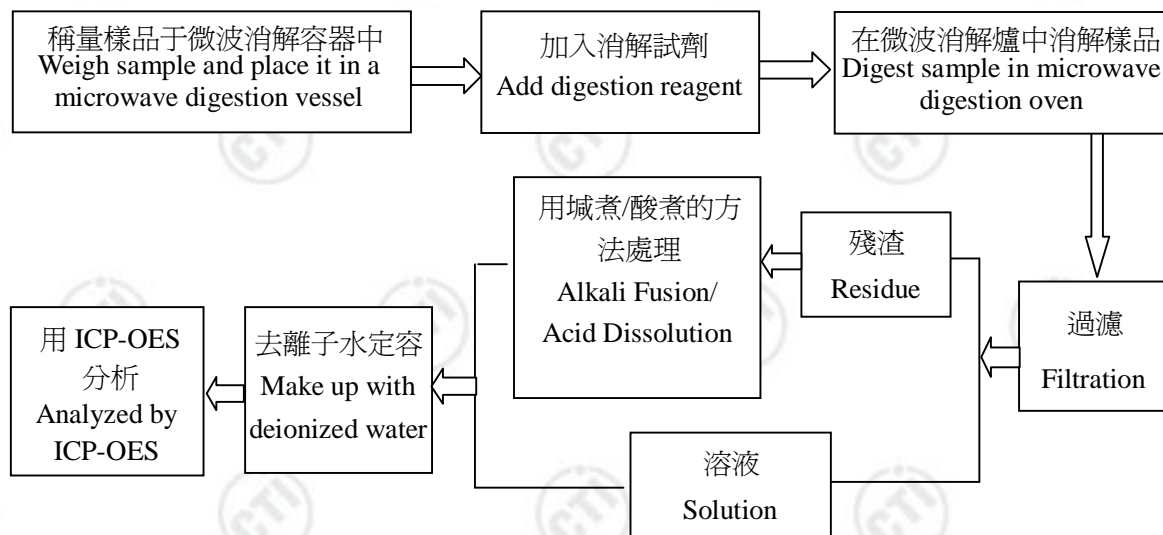
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### 檢測流程 Test Process

#### 1. 鉛(Pb), 鎘(Cd) Lead(Pb), Cadmium(Cd)



#### 2. 汞(Hg) Mercury (Hg)



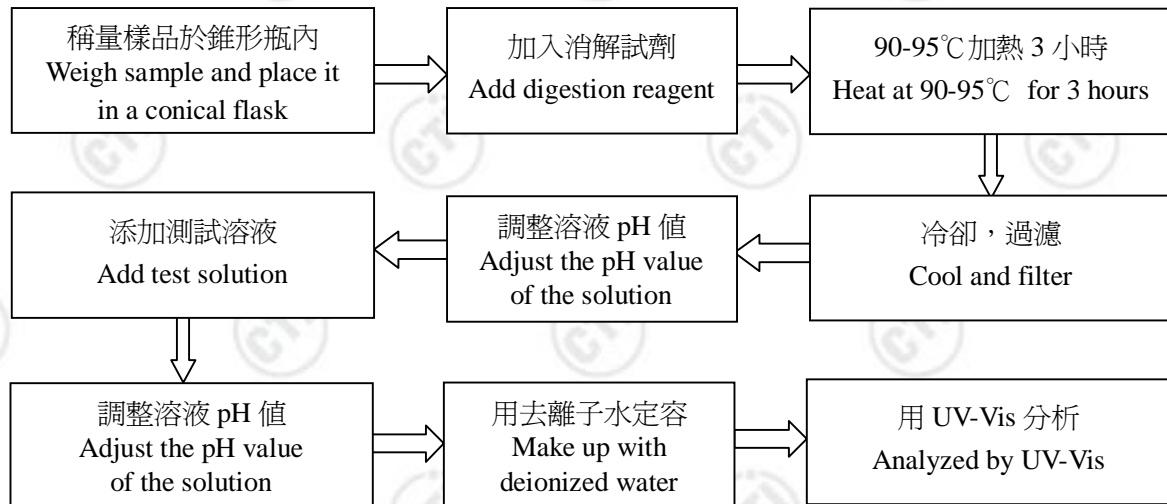


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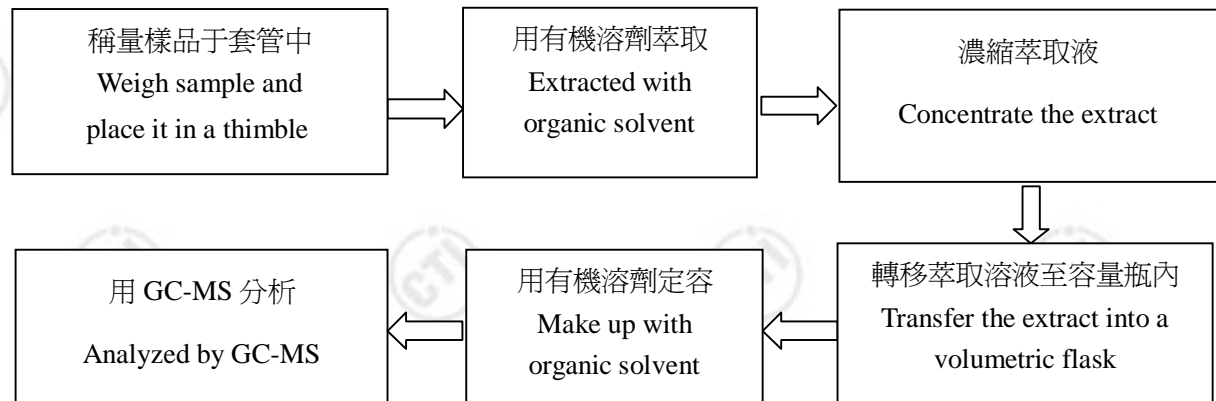
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## 3. 六價鉻(Cr(VI)) Hexavalent Chromium (Cr(VI))



## 4. 多溴聯苯(PBBs)，多溴二苯醚(PBDEs)

### Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)

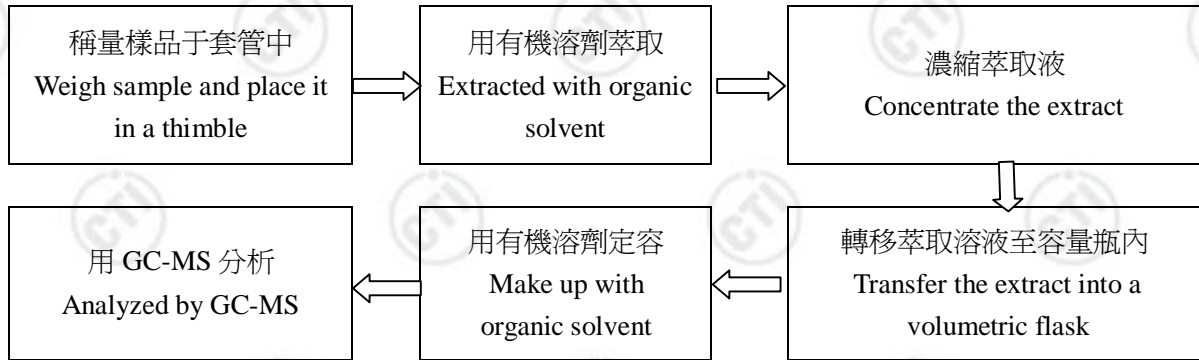


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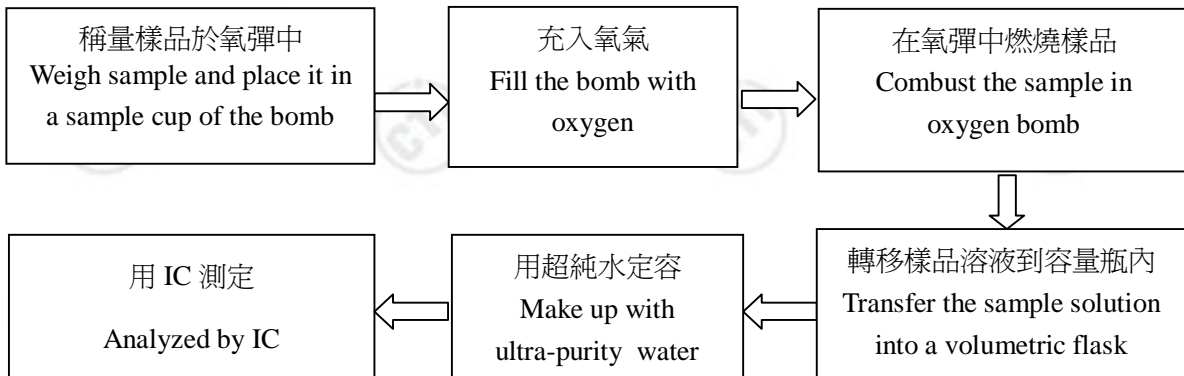
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## 5. 鄰苯二甲酸酯 Phthalates



## 6. 氟(F), 氯(Cl), 溴(Br), 碘(I) Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I)



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### 樣品圖片

#### Photo(s) of the sample(s)



\*\*\* 報告結束 \*\*\*

\*\*\*End of report \*\*\*

檢測報告無批准人簽字及加蓋公司報告章無效，本報告檢測結果僅對受測樣品負責。未經 CTI 書面同意，不得部分複製本報告。

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