

©Halogen Free  
 ©ROHS compliant

**TOLERANCE:**  
 L ≤ 10 ±0.2  
 10 < L ≤ 30 ±0.3  
 30 < L ≤ 50 ±0.5  
 50 < L ≤ 100 ±0.7  
 100 < L ≤ 250 ±1.2  
 ABOVE 250 ±1.5

MATERIAL: N66 V2 or EQUIVALENT

COLOR: NATURAL

PART NAME:

M3X9MM NYLON TAPPED HEX SPACER



UNIT	SCALE
mm	

PART NO:

HP0922

# 檢測報告 Test Report

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 Sample Name	N66 94V-2 ( NATURAL )
樣品型號 Part No.	101F
供應商 Supplier	DUPONT
樣品接收日期	2015.02.06
Sample Received Date	Feb. 6, 2015
樣品檢測日期	2015.02.06-2015.02.09
Testing Period	Feb. 6, 2015 to Feb. 9, 2015

檢測要求 請參見下頁。  
Test Requested Please refer to the following page(s).

檢測依據/檢測結果 請參見下頁。  
Test Method/Test Result(s) Please refer to the following page(s).

主 檢		審 核	
Tested by		Reviewed by	
批 准		日 期	2015.02.09
Approved by		Date	

Danny Liu  
Technical Manager

CTI  
CENTRE TESTING INTERNATIONAL  
SZ03  
深圳市華測檢測技術股份有限公司  
Centre Testing International (Shenzhen) Co., Ltd.

No. R167352990  
廣東省深圳市寶安區 70 區鴻威工業園  
Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

# 檢測報告

## Test Report

報告編號 SCL01H010940002E  
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### 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)，六溴環十二烷(HBCDD)，鄰苯二甲酸酯進行測試。

### 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), Hexabromocyclododecane(HBCDD), Phthalates in the submitted sample(s).

### 檢測依據 Test Method

測試項目 Tested Item(s)	測試方法 Test Method	測試儀器 Measured Equipment(s)
鉛 Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
鎘 Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
汞 Mercury (Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
六價鉻 Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis
多溴聯苯 Polybrominated Biphenyls (PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
六溴環十二烷 Hexabromocyclododecane (HBCDD)	參考 US EPA 3540C:1996 & US EPA 8270D:2007 Refer to US EPA 3540C:1996 & US EPA 8270D:2007	GC-MS
鄰苯二甲酸酯 Phthalates	參考 EN 14372:2004(E) Refer to EN 14372:2004(E)	GC-MS

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### 檢測結果 Test Result(s)

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

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

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### 檢測結果 Test Result(s)

測試項目 Tested Item(s)	結果 Result	方法檢測限 MDL
六溴環十二烷 Hexabromocyclododecane (HBCDD)	N.D.	5 mg/kg

測試項目 Tested Item(s)	結果 Result	方法檢測限 MDL
<b>鄰苯二甲酸酯 Phthalates</b>		
鄰苯二甲酸二正丁酯 Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	50 mg/kg
鄰苯二甲酸丁基苄酯 Benzylbutyl phthalate(BBP) CAS#:85-68-7	N.D.	50 mg/kg
鄰苯二甲酸(2-乙基己基)酯 Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	N.D.	50 mg/kg

測試樣品/部位描述 半透明塑料顆粒  
Tested Sample/Part Description Semi-transparent plastic grains

注釋: 對於檢測鉛, 鎘, 汞之樣品已完全溶解。  
-N.D. = 未檢出 (小於方法檢測限)  
-mg/kg = ppm = 百萬分之幾

Note: **The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.**  
-MDL = Method Detection Limit  
-N.D. = Not Detected (<MDL)  
-mg/kg = ppm = parts per million

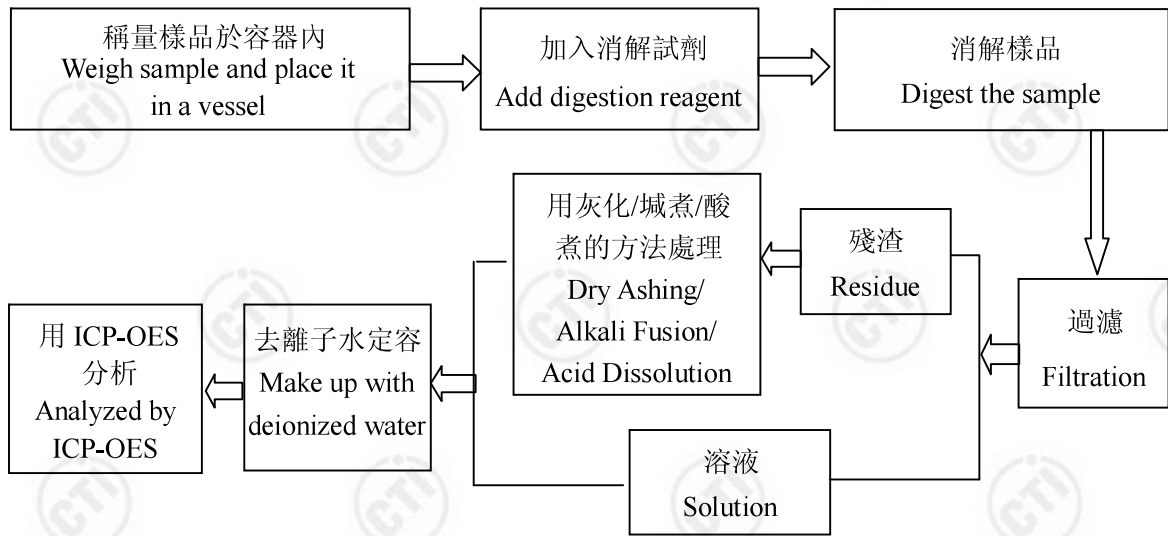
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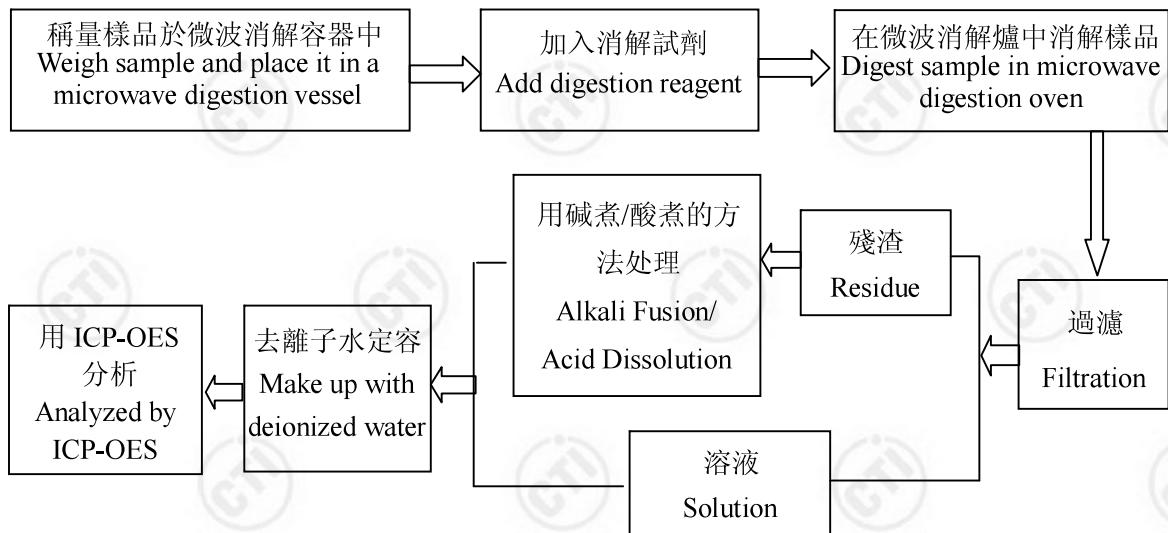
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## 檢測流程 Test Process

### 1. 鉛 Lead(Pb), 鎘 Cadmium(Cd)



### 2. 汞 Mercury(Hg)

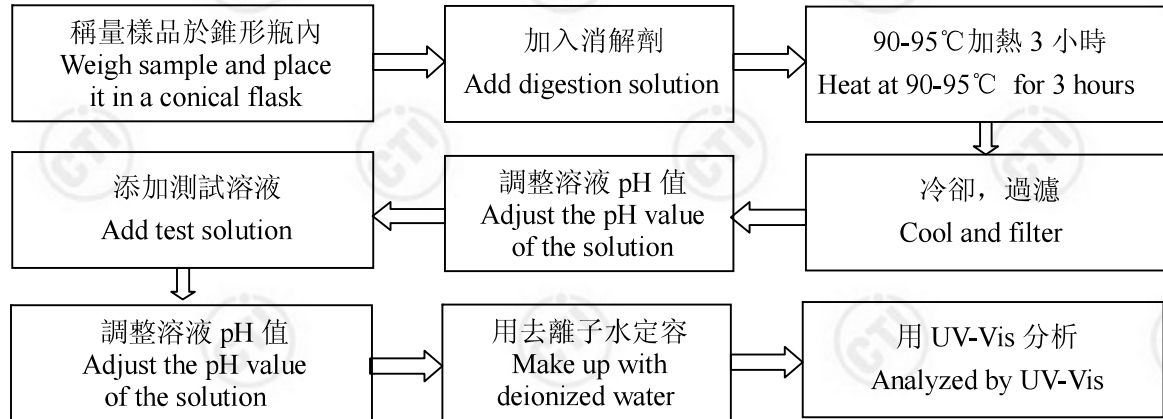


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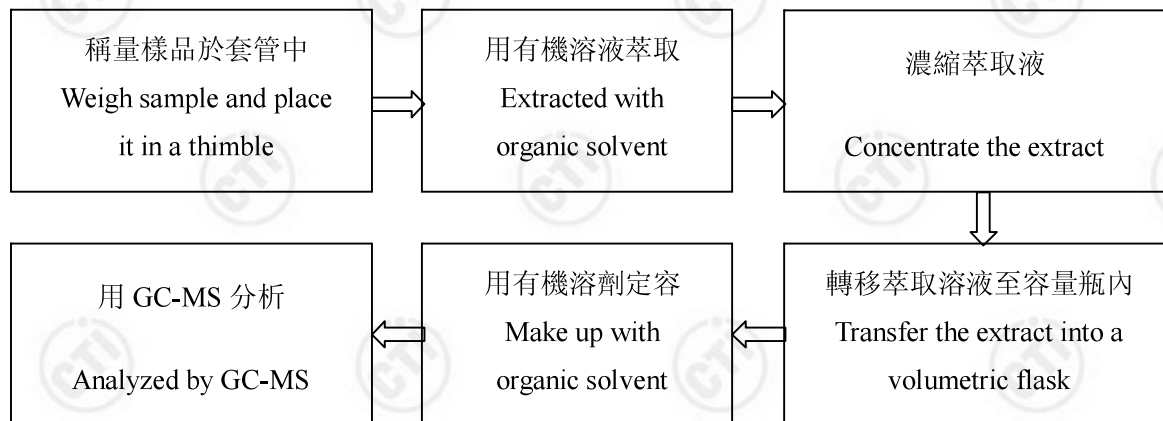
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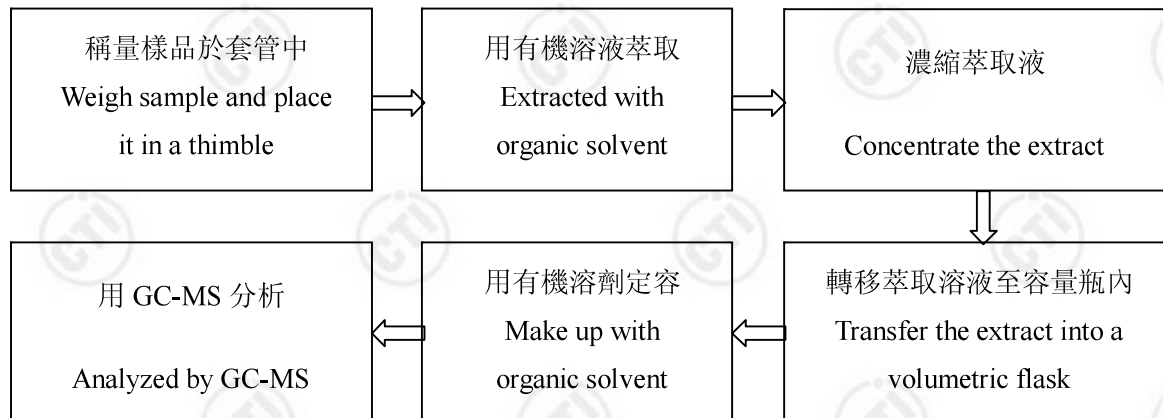
### 3. 六價鉻 Hexavalent Chromium (Cr(VI))



### 4. 多溴聯苯 Polybrominated Biphenyls(PBBs), 多溴二苯醚 Polybrominated Diphenyl Ethers(PBDEs)



### 5. 六溴環十二烷 Hexabromocyclododecane (HBCDD)

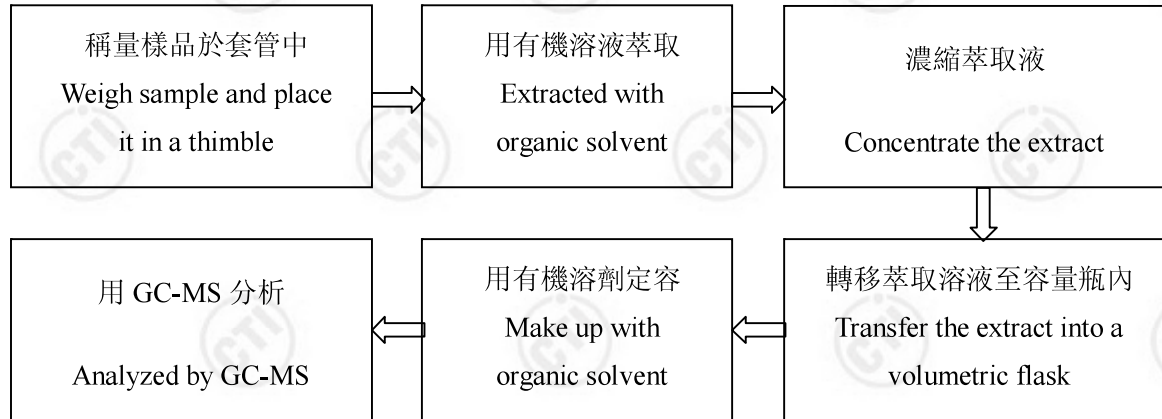


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## 6. 鄰苯二甲酸酯 Phthalates





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## 樣品圖片

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



\*\*\* 報告結束 \*\*\*

\*\*\* End of Report \*\*\*

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