

# 检测报告 Test Report

报告编号 ECL01K001888017E  
Report No. ECL01K001888017E

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申请单位 苏州华鹏热缩材料有限公司  
Applicant SUZHOU HUAPENG HEAT-SHRINKABLE MATERIALS CO.,LTD  
地 址 苏州吴中区旺山工业园溪水路6号  
Address 6 XISHUI RD., WANGSHAN INDUSTRIAL PARK, WUZHONG DISTRICT,  
SUZHOU CITY

以下测试之样品及样品信息由申请者提供并确认

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

样品名称 Sample Name	PE热缩套管（阻燃型/超薄型） Hest-shrinkable PE Tubes(Flame-retardant/Thin Wall)
样品接收日期 Sample Received Date	2018. 01. 09 Jan. 9, 2018
样品检测日期 Testing Period	2018. 01. 09—2018. 01. 12 Jan. 9, 2018 to Jan. 12, 2018
检测要求 Test Requested	请参见下页。 Please refer to the following page(s).
检测依据/检测结果 Test Method/Test Result(s)	请参见下页。 Please refer to the following page(s).

主 检  
Tested by  
批 准  
Approved by

张孝瑜

苏红伟

苏红伟

实验室高级经理 Senior Laboratory Manager

华测检测技术有限公司  
Centre Testing International Pimiao(Shanghai) Co., Ltd.

审 核  
Reviewed by  
日 期  
Date

陶英

2018.01.12

No. R295823767

上海市浦东新区新金桥路 1996 号  
No.1996, Xinjinqiao Road, Pudong New District, Shanghai, China

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### 检测要求

根据客户要求, 对所提交样品中的铅 (Pb), 镉 (Cd), 汞 (Hg), 六价铬 (Cr (VI)), 多溴联苯 (PBBs), 多溴二苯醚 (PBDEs), 邻苯二甲酸酯 (DBP, BBP, DEHP, DIBP) 进行测试。

### 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) in the submitted sample(s).

### 检测依据 Test Method

测试项目 Test Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
铅 (Pb) Lead (Pb)	IEC 62321-5:2013	ICP-OES
镉 (Cd) Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
汞 (Hg) Mercury (Hg)	IEC 62321-4:2013	ICP-OES
六价铬 (Cr (VI)) Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017和/或IEC 62321-5:2013测试总铬含量 IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
多溴联苯 (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
邻苯二甲酸酯 (DBP, BBP, DEHP, DIBP) Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS

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### 检测结果 Test Result(s)

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
铅(Pb) Lead (Pb)	N.D.	2 mg/kg
镉(Cd) Cadmium (Cd)	N.D.	2 mg/kg
汞(Hg) Mercury (Hg)	N.D.	2 mg/kg
六价铬(Cr(VI)) Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
<b>多溴联苯(PBBs) Polybrominated Biphenyls(PBBs)</b>		
一溴联苯 Monobromobiphenyl	N.D.	5 mg/kg
二溴联苯 Dibromobiphenyl	N.D.	5 mg/kg
三溴联苯 Tribromobiphenyl	N.D.	5 mg/kg
四溴联苯 Tetrabromobiphenyl	N.D.	5 mg/kg
五溴联苯 Pentabromobiphenyl	N.D.	5 mg/kg
六溴联苯 Hexabromobiphenyl	N.D.	5 mg/kg
七溴联苯 Heptabromobiphenyl	N.D.	5 mg/kg
八溴联苯 Octabromobiphenyl	N.D.	5 mg/kg
九溴联苯 Nonabromobiphenyl	N.D.	5 mg/kg
十溴联苯 Decabromobiphenyl	N.D.	5 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
<b>多溴二苯醚(PBDEs) 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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测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
<b>邻苯二甲酸酯 Phthalates</b>		
邻苯二甲酸二正丁酯 (DBP) Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg
邻苯二甲酸丁基苄酯 (BBP) Butylbenzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg
邻苯二甲酸二(2-乙基己基)酯 (DEHP) Di-2-ethylhexyl phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg
邻苯二甲酸二异丁酯 (DIBP) Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg

测试样品/部位描述 混测, 无色透明, 黄色, 黑色塑料套管  
Tested Sample/Part Description Mixed test, colorless transparent, yellow, black plastic sleeving

备注: 对于检测铅, 镉, 汞之样品已完全溶解。  
根据客户要求, 对样品进行混合测试, 测试结果不代表混合测试样品中任何一种单一材质的含量。

-N.D. = 未检出 (小于方法检出限)

-mg/kg = ppm = 百万分之一

Remark: **The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury. As specified by client, the test was conducted by mixing several samples together. The result(s) shown on this report may be different from the content of any homogeneous material.**

-MDL = Method Detection Limit

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

-mg/kg = ppm = parts per million

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## Test Report

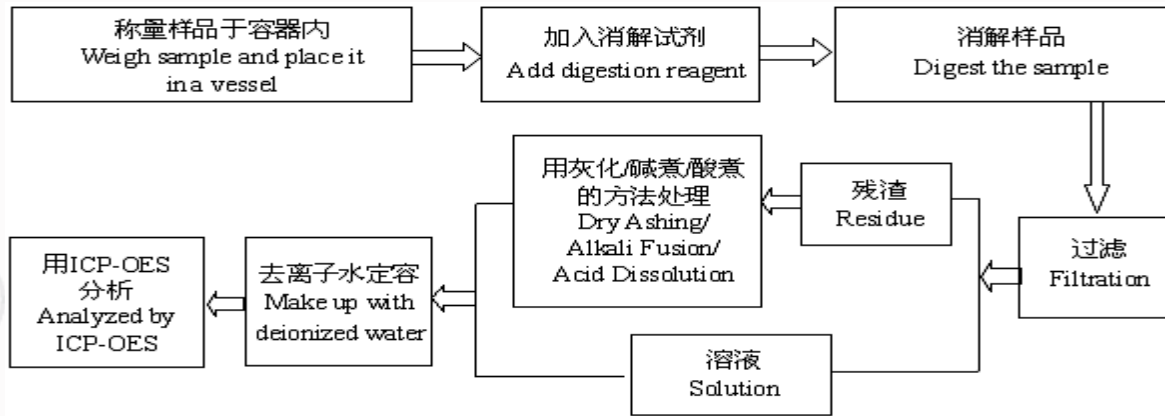
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### 检测流程 Test Process

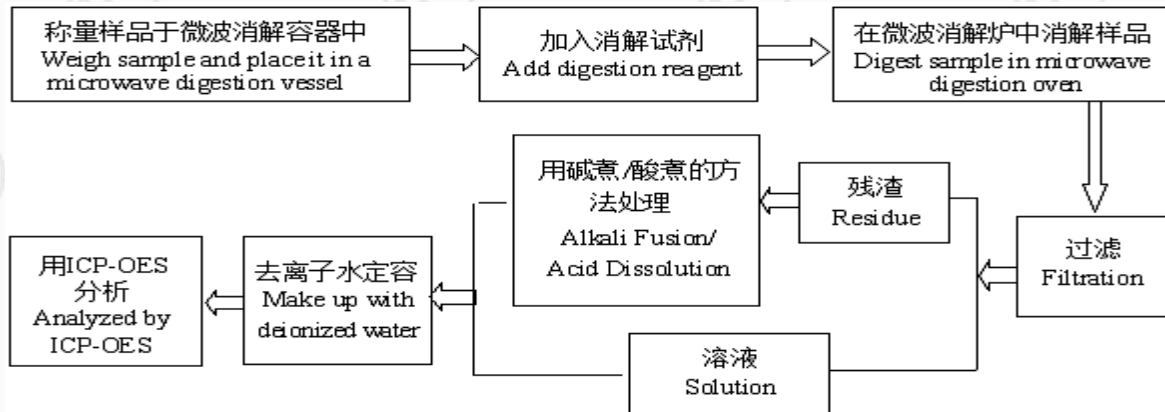
#### 1. 铅(Pb), 镉(Cd), 铬(Cr)

Lead (Pb), Cadmium (Cd), Chromium (Cr)



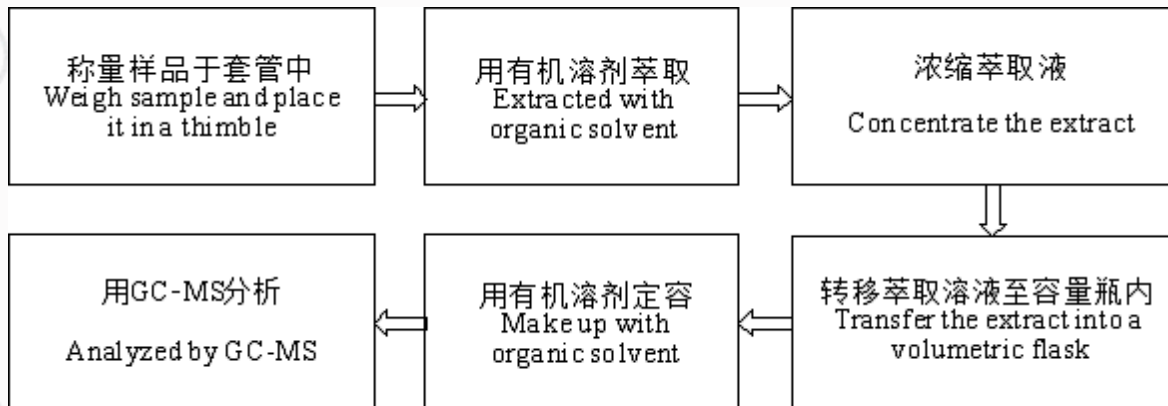
#### 2. 汞(Hg)

Mercury (Hg)



#### 3. 多溴联苯(PBBs), 多溴二苯醚(PBDEs)

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



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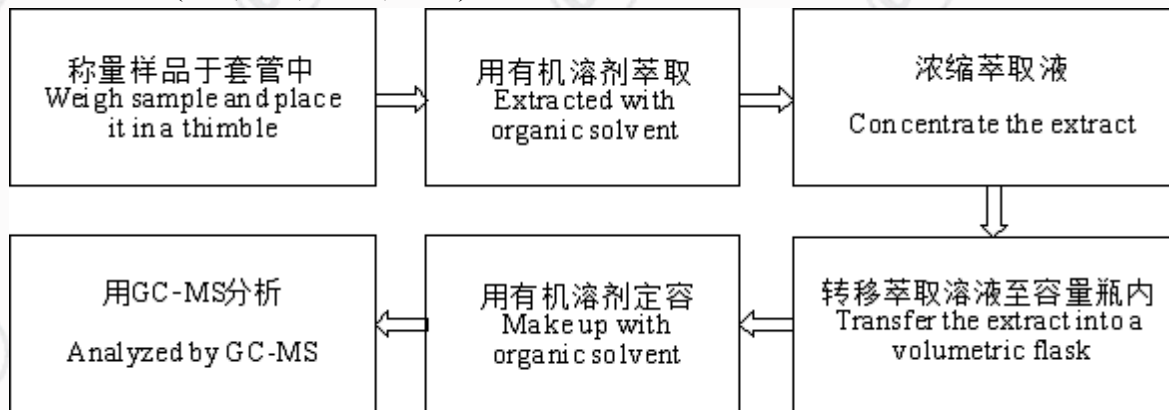
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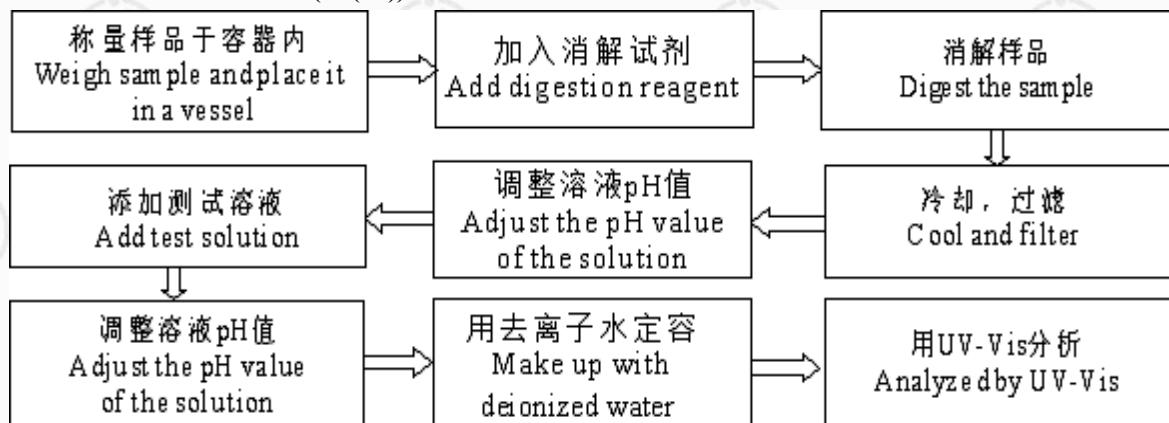
### 4. 邻苯二甲酸酯 (DBP, BBP, DEHP, DIBP)

Phthalates (DBP, BBP, DEHP, DIBP)



### 5. 六价铬 (Cr(VI))

Hexavalent Chromium (Cr(VI))



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## 样品图片 Photo(s) of the sample(s)



\*\*\*报告结束\*\*\*

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

### 声明Statement:

1. 检测报告无批准人签字、“专用章”及报告骑缝章无效;  
This report is considered invalidated without approval signature, special seal and the seal on the perforation;
2. 样品及样品信息由申请者提供, 申请者应对其真实性负责, CTI未核实其真实性;  
The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
3. 本报告检测结果仅对送测样品负责;  
The result(s) shown in this report refer(s) only to the sample(s) tested;
4. 未经CTI书面同意, 不得部分复制本报告;  
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