



中国认可  
国际互认  
检测  
TESTING  
CNAS L4136

## 检测报告(Test Report)

检测报告编号(Report No.): SZC18101380182-6

日期(Date): 2018/10/17

页数(Page): 1 of 6

委托单位: 佛山市顺德区均安镇永基实业有限公司  
Applicant: Foshan City Shunde District Jun'an Town Yongji Industrial Co., Ltd.  
单位地址: 佛山市顺德区均安镇四埠工业区  
Address: Sibü Industrial Zone, Jun'an Town, Shunde District, Foshan City

### 样品信息(Sample information)

样品名称(Sample Name): 粉末涂料  
样品描述(Sample Description): 黑色粉末(Black powder)  
样品型号(Sample Model): EP-7619  
物料编码(Material Code): 10503003000025  
买家(Buyer): 美的微波炉  
样品编号(Sample No.): QT1810138018206  
委托日期(Sample Received Date): 2018/10/13  
检测日期(Testing Period): 2018/10/13 - 2018/10/17

**检测要求(Test Requested):** 根据客户要求, 检测其送检样品中的铅、镉、汞、六价铬、多溴联苯、多溴二苯醚、DBP、BBP、DEHP、DIBP 的含量(As specified by client, to determine the Pb, Cd, Hg, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP content in the submitted sample.)。

**检测方法(Test Method):** 请参见后续页(Please refer to following page(s).)。

**检测结果(Test Result):** 请参见后续页(Please refer to following page(s).)。

**结论(Conclusion):** 基于所送样品进行的检测, 铅、镉、汞、六价铬、多溴联苯、多溴二苯醚、DBP、BBP、DEHP、DIBP 的检测结果显示符合欧盟 RoHS 指令 2011/65/EU 及其修订指令 EU 2015/863 的限值要求(Based on the performed tests on submitted samples, the results of Pb, Cd, Hg, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by EU RoHS Directive 2011/65/EU and its amendment Directive EU 2015/863.)。

授权签字人

Signed for and on behalf of HCT

Michael





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检测结果(Test Result(s)):

单位(Unit): mg/kg

| 检测项目<br>(Test Items)                           | 检测方法/仪器<br>(Test Method/<br>Equipment)                            | 方法检出限<br>(MDL) | 含量<br>(Content) | EU RoHS<br>Directive<br>2011/65/EU and<br>its amendment<br>Directive EU<br>2015/863 |      |
|--|---|----------------|-----------------|---|------|
| 铅 Lead(Pb)                                     | IEC 62321-5:2013.<br>ICP-OES/AAS                                  | 2              | N.D.            | 1000  |      |
| 镉 Cadmium(Cd)                                  |   | 2              | N.D.            | 100   |      |
| 汞 Mercury(Hg)                                  | IEC 62321-4:2013<br>+AMD1:2017.<br>ICP-OES                        | 2              | N.D.            | 1000  |      |
| 六价铬 Hexavalent Chromium(Cr(VI))                | IEC 62321-5:2013/<br>IEC 62321-7-2:2017.<br>ICP-OES/AAS<br>UV-VIS | 8              | N.D.            | 1000  |      |
| 一溴联苯 Mono-bromobiphenyl                        | IEC 62321-6:2015.<br>GC-MS  | 5              | N.D.            | —   |      |
| 二溴联苯 Di-bromobiphenyl                          |   | 5              | N.D.            |   |      |
| 三溴联苯 Tri-bromobiphenyl                         |   | 5              | N.D.            |   |      |
| 四溴联苯 Tetra-bromobiphenyl                       |   | 5              | N.D.            |   |      |
| 五溴联苯 Penta-bromobiphenyl                       |   | 5              | N.D.            |   |      |
| 六溴联苯 Hexa-bromobiphenyl                        |   | 5              | N.D.            |   |      |
| 七溴联苯 Hepta-bromobiphenyl                       |   | 5              | N.D.            |   |      |
| 八溴联苯 Octa-bromobiphenyl                        |   | 5              | N.D.            |   |      |
| 九溴联苯 Nona-bromobiphenyl                        |   | 5              | N.D.            |   |      |
| 十溴联苯 Deca-bromobiphenyl                        |   | 5              | N.D.            |   |      |
| 多溴联苯 Polybrominated Biphenyls(PBBs)            |   | —              | N.D.            |   | 1000 |
| 一溴二苯醚 Mono-bromodiphenyl ether                 |   | 5              | N.D.            |   | —    |
| 二溴二苯醚 Di-bromodiphenyl ether                   |   | 5              | N.D.            |   |      |
| 三溴二苯醚 Tri-bromodiphenyl ether                  |   | 5              | N.D.            |   |      |
| 四溴二苯醚 Tetra-bromodiphenyl ether                | 5   | N.D.           |                 |   |      |
| 五溴二苯醚 Penta-bromodiphenyl ether                | 5   | N.D.           |                 |   |      |
| 六溴二苯醚 Hexa-bromodiphenyl ether                 | 5   | N.D.           |                 |   |      |
| 七溴二苯醚 Hepta-bromodiphenyl ether                | 5   | N.D.           |                 |   |      |
| 八溴二苯醚 Octa-bromodiphenyl ether                 | 5   | N.D.           |                 |   |      |
| 九溴二苯醚 Nona-bromodiphenyl ether                 | 5   | N.D.           |                 |   |      |
| 十溴二苯醚 Deca-bromodiphenyl ether                 | 5   | N.D.           |                 |   |      |
| 多溴二苯醚<br>Polybrominated Diphenyl Ethers(PBDEs) | —   | N.D.           | 1000            |   |      |





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| 检测项目<br>(Test Items)                                  | 检测方法/仪器<br>(Test Method/<br>Equipment) | 方法检出限<br>(MDL) | 含量<br>(Content) | EU RoHS Directive<br>2011/65/EU and its<br>amendment Directive<br>EU 2015/863 |
|---|--|----------------|-----------------|---|
| 邻苯二甲酸二正丁酯<br>Dibutyl phthalate (DBP)                  | IEC 62321-8:2017,<br>GC-MS             | 30             | N.D.            | 1000  |
| 邻苯二甲酸丁苄酯<br>Butylbenzyl phthalate (BBP)               |  | 30             | N.D.            | 1000  |
| 邻苯二甲酸二(2-乙基己基)酯<br>Di-(2-ethylhexyl) Phthalate (DEHP) |  | 30             | N.D.            | 1000  |
| 邻苯二甲酸二异丁酯<br>Di-iso-butyl phthalate (DIBP)            |  | 30             | N.D.            | 1000  |

### 备注(Note):

mg/kg = ppm=parts per million

MDL=Method Detection Limit 方法检出限

N.D.=Not Detected(less than method detection limit), 未检出 (小于方法检出限)

“—”=Not regulated 无规定

Results shown as N.D. are ignored in the sum calculation.

结果显示为 N.D. 不计入总和的计算。

The detected Chromium (Cr) content is "N.D.", therefore, the Hexavalent Chromium (Cr (VI)) content is "N.D.", No need for validation test of the Hexavalent Chromium (Cr (VI)). 检测的铬 (Cr) 含量是 “N.D.”, 则六价铬 (Cr(VI)) 含量也是 “N.D.”, 不需要进行六价铬 (Cr(VI)) 的确认性测试。

If Chromium (Cr) content exceeds Hexavalent Chromium (Cr (VI)) method detection limit, Validation test of the Hexavalent Chromium (Cr (VI)) is required.

若铬 (Cr) 含量超过六价铬 (Cr(VI)) 方法检出限, 需要进行六价铬 (Cr(VI)) 的确认性测试。



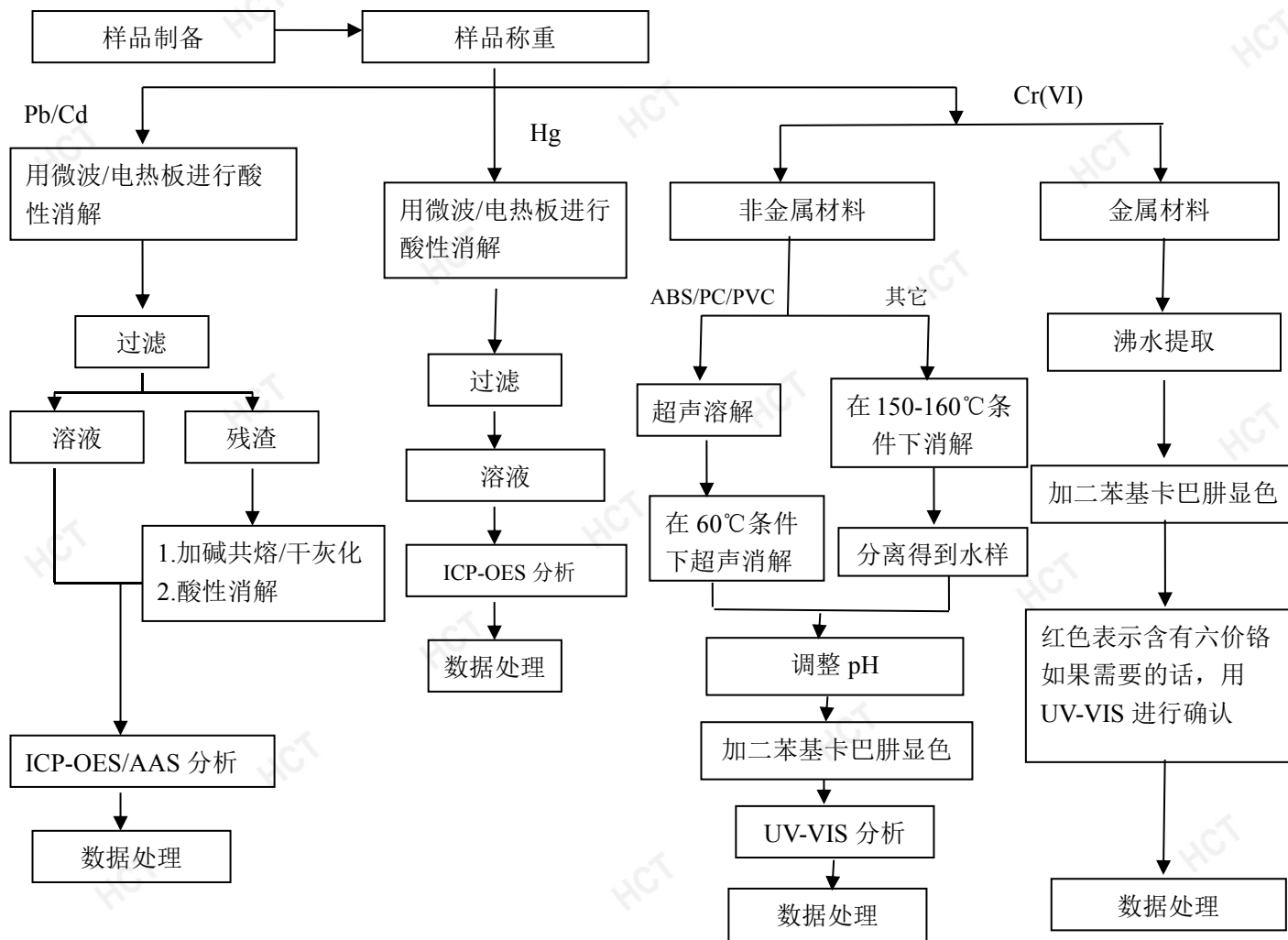
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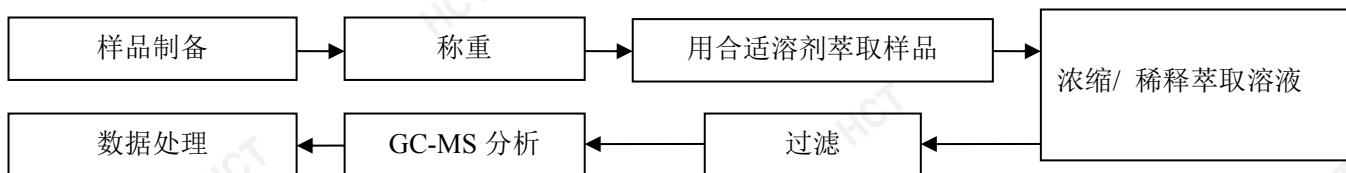
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铅、镉、汞、六价铬、多溴联苯、多溴二苯醚的检测流程图



根据以上的流程图之条件, 样品已经完全溶解(六价铬检测方法除外)。

## PBBs/PBDEs



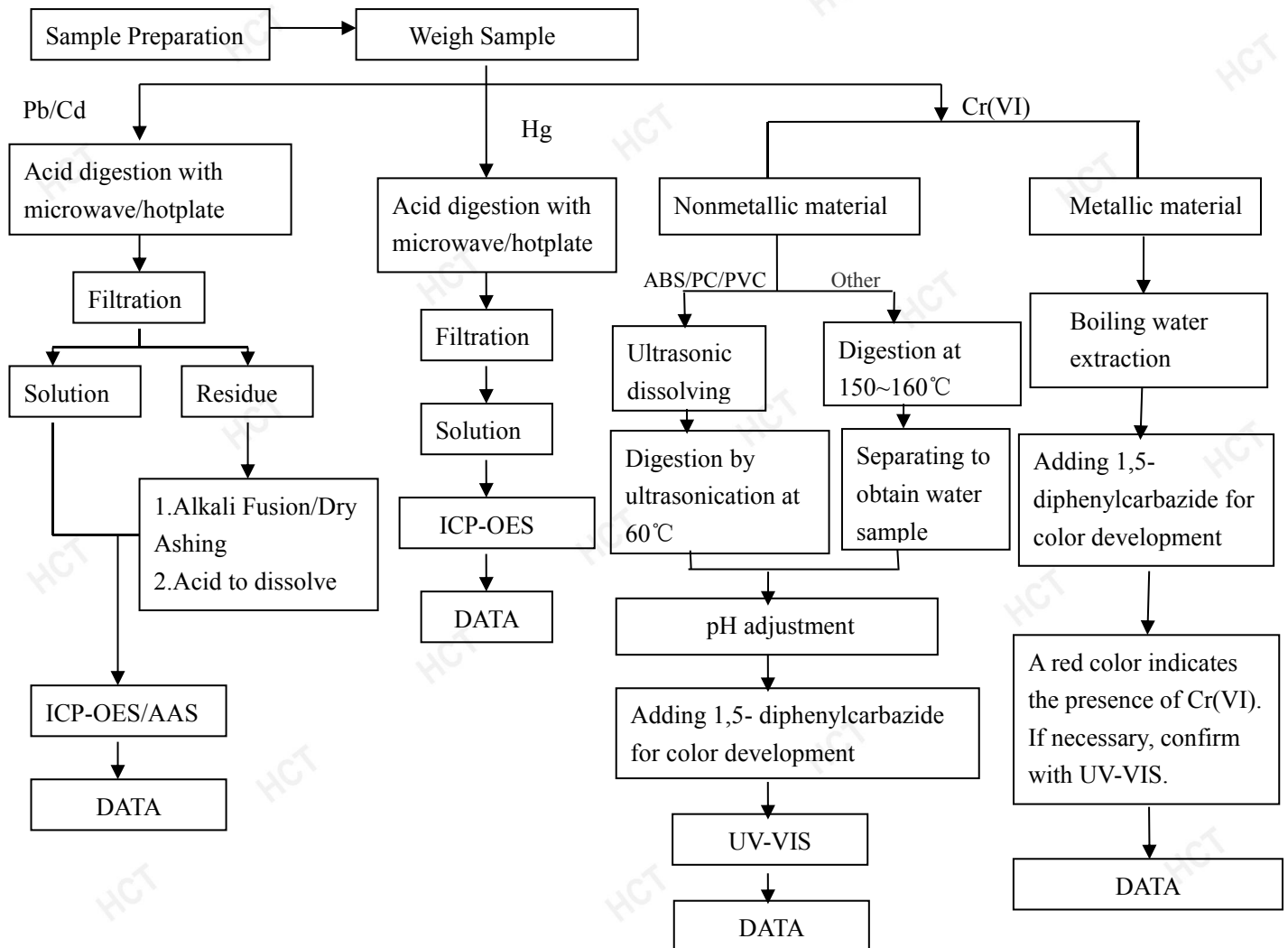
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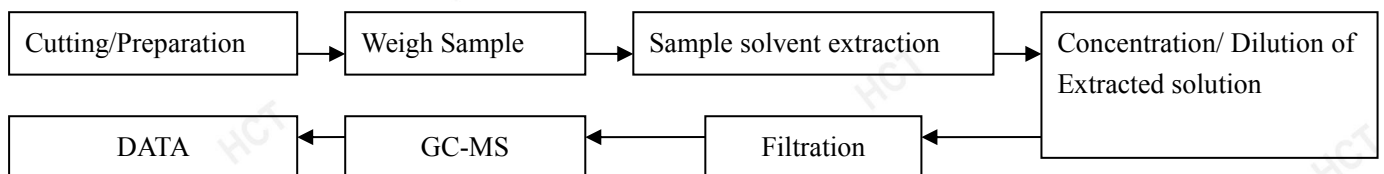
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Test Flow Chart for Pb, Cd, Hg, Cr(VI), PBBs, PBDEs



These sample were dissolved totally by pre-conditioning method according to above flow chart(Cr(VI) test method excluded)

## PBBs/PBDEs



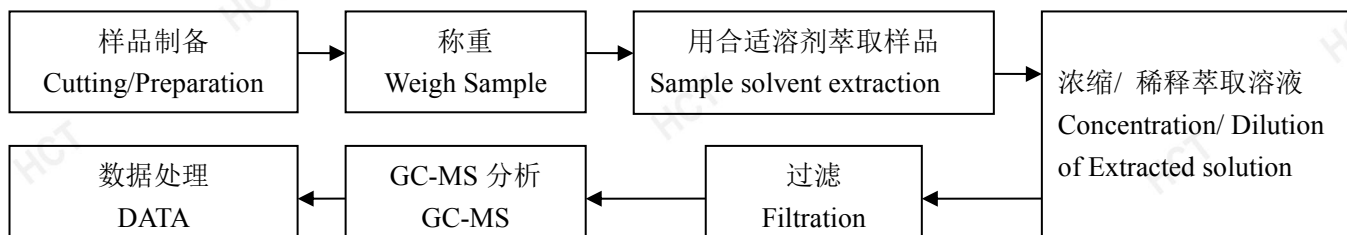
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### DBP, BBP, DEHP, DIBP 的检测流程图 (Test Flow Chart for DBP, BBP, DEHP, DIBP)



### 样品附图(The photo of the sample)



\*\*\*报告结束(End)\*\*\*

本报告 HCT 盖章才生效, 本报告不可以删改。本报告只对送检样品的检测结果负责。

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