

## Test Report 测试报告

No. C210515016004-1  
编号: C210515016004-1

Date: May 19, 2021  
日期: 2021年05月19日

Page 1 of 9  
第1页,共9页

Applicant: JIAXING WIN MAGNET CO.,LTD.

申请公司: 嘉兴文宇磁性材料有限公司

Applicant Address: ROOM 1704,NO.3 PARK LANE BUILDING,XIUZHOU DIST.,JIAXING CITY,ZHEJIANG PROVINCE

申请公司地址: 浙江省嘉兴市秀洲区瀚丰大厦3幢1704室

The following samples were submitted and identified on behalf of the clients as

以下测试之样品是由申请者所提供及确认

|                              |                              |
|------------------------------|------------------------------|
| Sample Name:                 | Ferrite Magnet               |
| 样品名称:                        | 铁氧体磁铁                        |
| CPST Internal Reference No.: | C210515016                   |
| CPST 参考编号:                   | C210515016                   |
| Date of Sample Received:     | May 15, 2021                 |
| 收样日期:                        | 2021年05月15日                  |
| Testing Period:              | May 15, 2021 to May 19, 2021 |
| 测试周期:                        | 2021年05月15日至2021年05月19日      |
| Test Method:                 | Please refer to next page(s) |
| 测试方法:                        | 请参见下一页                       |
| Test Result:                 | Please refer to next page(s) |
| 测试结果:                        | 请参见下一页                       |



Signed for and on behalf of  
Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

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CONCLUSION:

结 论:

TESTED SAMPLES

测试样品

Ferrite Magnet  
铁氧体磁铁

TEST ITEM

测试项目

1.RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863

1.RoHS 指令2011/65/EU附录 II 的修正指令(EU)2015/863

— Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs  
and PBDEs Content

— 铅、汞、镉、六价铬、多溴联苯和多溴联苯醚含量

—Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP),  
Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content

—邻苯二甲酸二(2-乙基己基)酯(DEHP)、邻苯二甲酸苯基丁酯(BBP)、邻  
苯二甲酸二丁酯(DBP)、邻苯二甲酸二异丁酯(DIBP)含量

RESULT

结果

PASS  
合格

PASS  
合格

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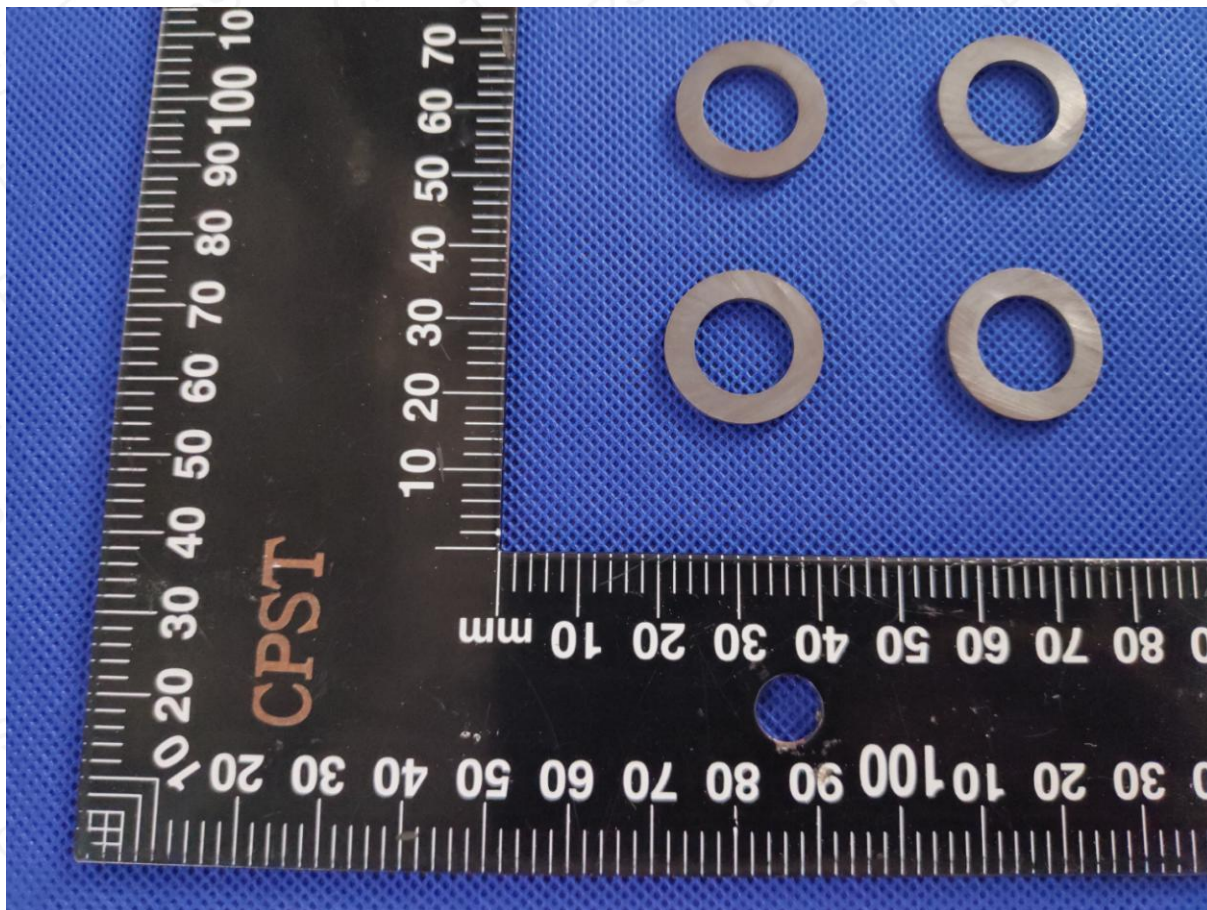
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Photo of the Submitted Sample

送检样品照片



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## Test Result(s):

### 测试结果:

Description of Specimen : Ferrite Magnet  
样品描述 : 铁氧体磁铁

## 1. Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs—RoHS Directive 2011/65/EU

### Annex II amending Annex (EU)2015/863

## 1.铅、汞、镉、六价铬、多溴联苯和多溴联苯醚含量—RoHS 指令 2011/65/EU 附录 II 的修正指令(EU)2015/863

| Test Items<br>测试项目             | Unit<br>单位 | Test Method<br>测试方法                  | Result<br>结果 | MDL<br>检出限 | Limit<br>限值 |
|--------------------------------|------------|--------------------------------------|--------------|------------|-------------|
| Lead (Pb)/铅                    | mg/kg      | IEC 62321-5:2013, ICP-OES            | N.D.         | 2          | 1000        |
| Mercury (Hg)/汞                 | mg/kg      | IEC 62321-4:2013+A1:2017,<br>ICP-OES | N.D.         | 2          | 1000        |
| Cadmium(Cd)/镉                  | mg/kg      | IEC 62321-5:2013, ICP-OES            | N.D.         | 2          | 100         |
| Hexavalent Chromium (CrVI)/六价铬 | mg/kg      | IEC 62321-7-2:2017, UV-VIS           | N.D.         | 2          | 1000        |
| Monobromobiphenyl/一溴联苯         | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Dibromobiphenyl/二溴联苯           | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Tribromobiphenyl/三溴联苯          | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Tetrabromobiphenyl/四溴联苯        | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Pentabromobiphenyl/五溴联苯        | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Hexabromobiphenyl/六溴联苯         | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Heptabromobiphenyl/七溴联苯        | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Octabromobiphenyl/八溴联苯         | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Nonabromobiphenyl/九溴联苯         | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Decabromobiphenyl/十溴联苯         | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Sum of PBBs/多溴联苯总和             | mg/kg      | -                                    | N.D.         | -          | 1000        |
| Monobromodiphenyl ether/一溴联苯醚  | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Dibromodiphenyl ether/二溴联苯醚    | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Tribromodiphenyl ether/三溴联苯醚   | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Tetrabromodiphenyl ether/四溴联苯醚 | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Pentabromodiphenyl ether/五溴联苯醚 | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Hexabromodiphenyl ether/六溴联苯醚  | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Heptabromodiphenyl ether/七溴联苯醚 | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Octabromodiphenyl ether/八溴联苯醚  | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Nonabromodiphenyl ether/九溴联苯醚  | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Decabromodiphenyl ether/十溴联苯醚  | mg/kg      | IEC 62321-6:2015, GC-MS              | N.D.         | 5          | -           |
| Sum of PBDEs/多溴联苯醚总和           | mg/kg      | -                                    | N.D.         | -          | 1000        |

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Note:

1. mg/kg = milligram per kilogram= ppm
2. N.D. = Not Detected (<MDL)
3. MDL = Method detection limit
4. "-" = Not Regulated

注释:

1. mg/kg =毫克每千克= ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. "-" = 未规定

**-Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content—RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863**

**-邻苯二甲酸二(2-乙基己基)酯(DEHP)、邻苯二甲酸苯基丁酯(BBP)、邻苯二甲酸二丁酯(DBP)、邻苯二甲酸二异丁酯(DIBP)含量—RoHS 指令2011/65/EU附录II的修正指令(EU)2015/863**

Test method: With reference to IEC 62321-8:2017, analysis was performed by Gas Chromatograph-Mass Spectrometer (GC-MS).

测试方法: 参考 IEC 62321-8:2017, 使用气相色谱质谱联用仪(GC-MS)进行分析。

| Test Items<br>测试项目                                          | Unit<br>单位 | Result<br>结果 | MDL<br>检出限 | Limit<br>限值 |
|-------------------------------------------------------------|------------|--------------|------------|-------------|
| Di-(2-ethylhexyl) phthalate (DEHP)<br>邻苯二甲酸二(2-乙基己基)酯(DEHP) | mg/kg      | N.D.         | 50         | 1000        |
| Benzylbutyl phthalate (BBP)<br>邻苯二甲酸苯基丁酯(BBP)               | mg/kg      | N.D.         | 50         | 1000        |
| Dibutyl phthalate (DBP)<br>邻苯二甲酸二丁酯(DBP)                    | mg/kg      | N.D.         | 50         | 1000        |
| Diisobutyl phthalate(DIBP)<br>邻苯二甲酸二异丁酯(DIBP)               | mg/kg      | N.D.         | 50         | 1000        |

Note:

1. mg/kg = milligram per kilogram= ppm
2. N.D. = Not Detected (<MDL)
3. MDL = Method detection limit

注释:

1. mg/kg =毫克每千克= ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限

Remark: As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.

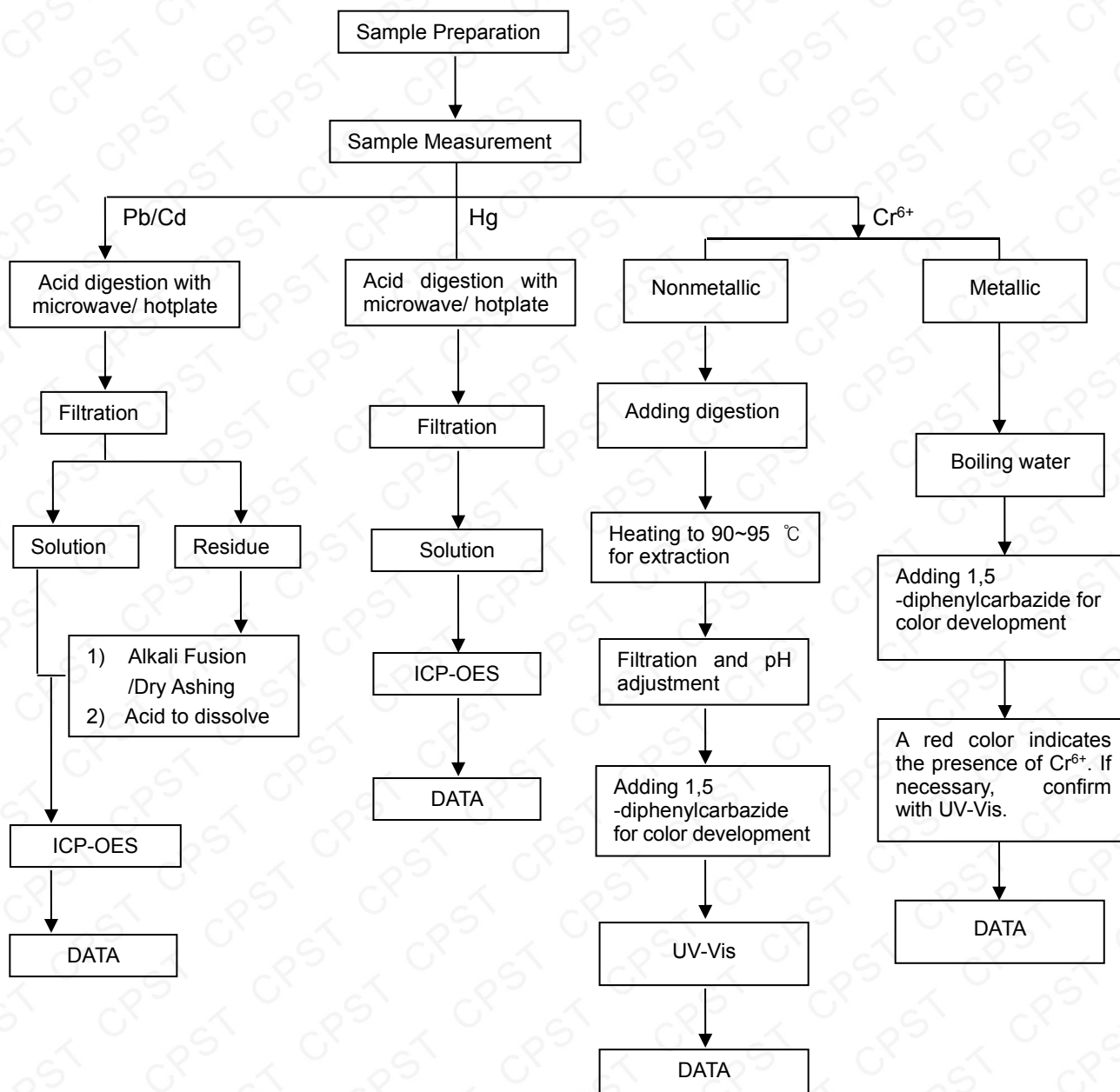
备注: 根据申请人的要求, 对提交样品所选的材料进行检测。测试结果仅对提交的样品负责。

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## Pb/Cd/Hg/Cr<sup>6+</sup> Testing Flow Chart

- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.  
(Cr<sup>6+</sup> test method excluded)

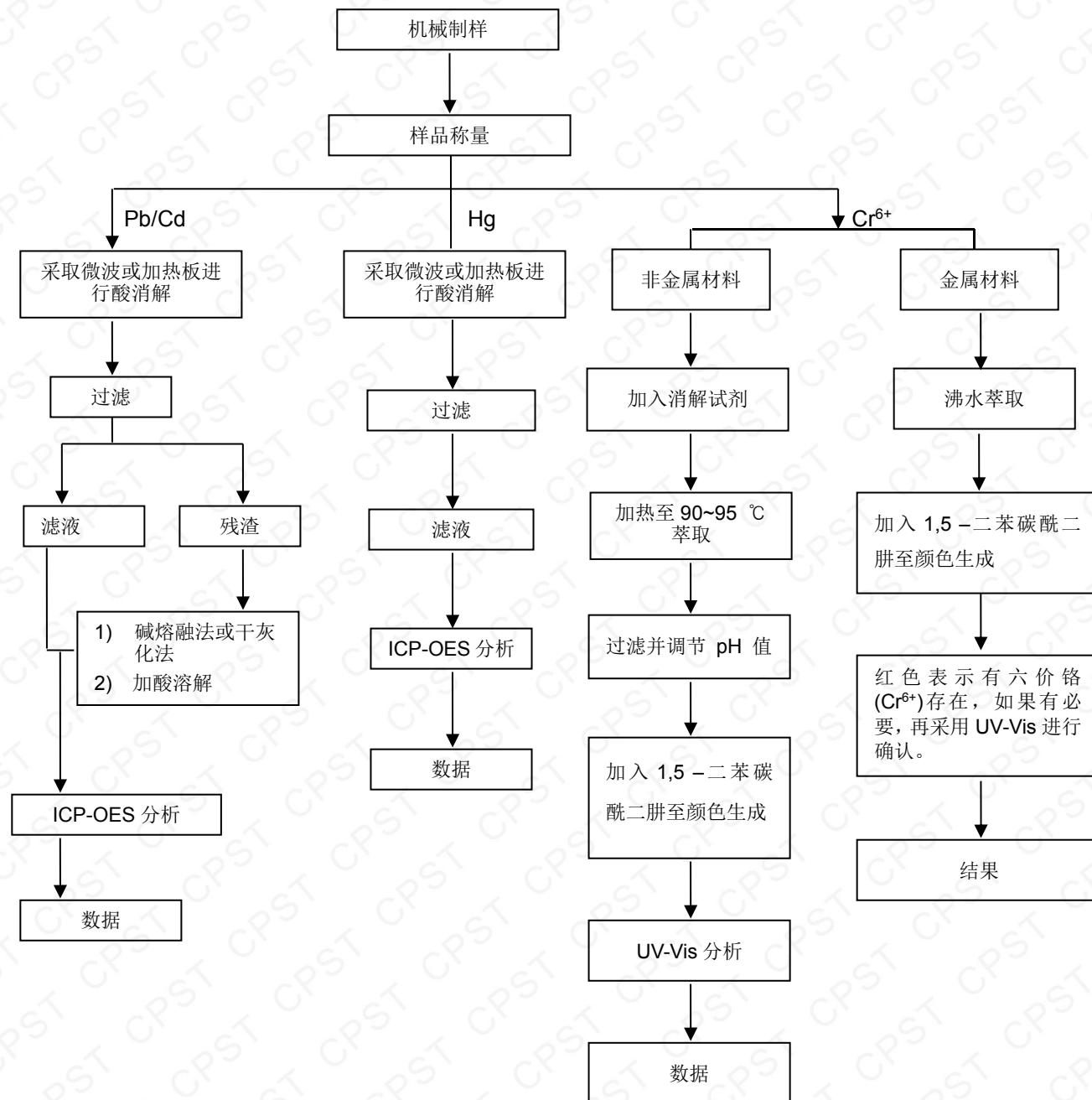


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## Pb/Cd/Hg/Cr<sup>6+</sup> 测试流程图

1) 根据以下测试流程图样品在预处理方法中被完全溶解(Cr<sup>6+</sup> 测试方法除外)。



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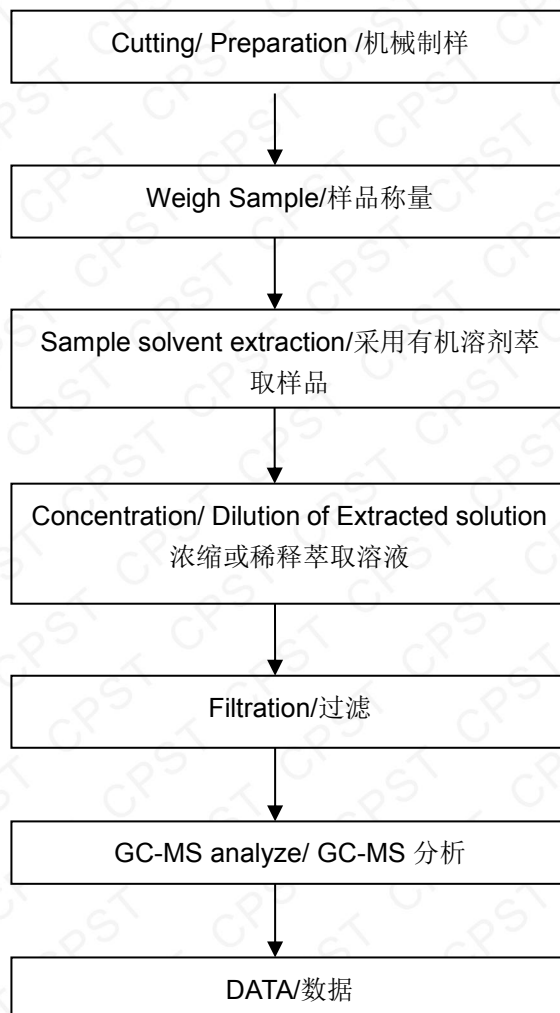
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**PBBs/PBDEs Testing Flow Chart**  
**多溴联苯/多溴联苯醚 测试流程图**



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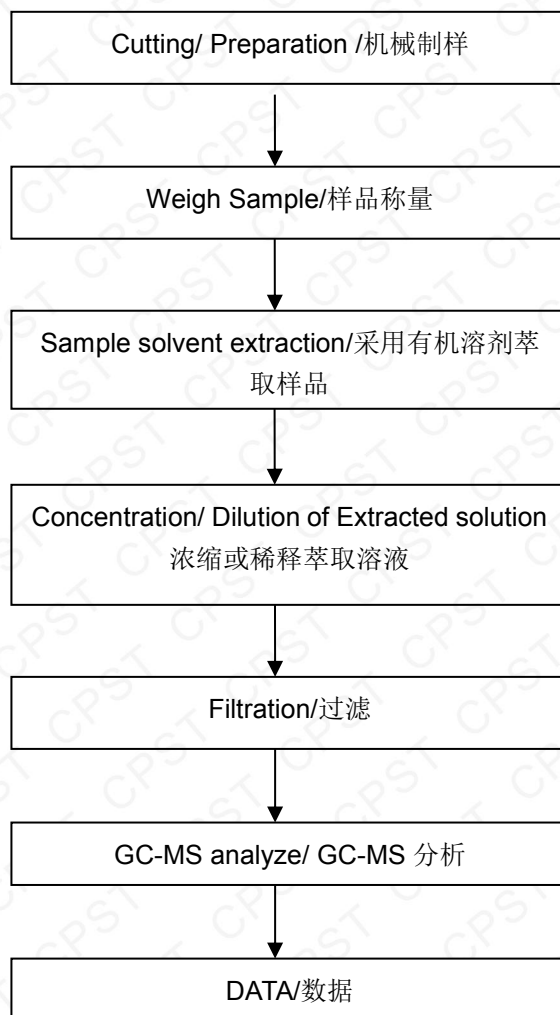
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邮箱 E-mail: service@cpstlab.com

## Phthalates Testing Flow Chart

### 邻苯二甲酸酯 测试流程图



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

\*\*\* 报告结束 \*\*\*

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