

## Test Report 测试报告

No. C210515016005-1  
编号: C210515016005-1

Date: May 19, 2021  
日期: 2021年05月19日

Page 1 of 10  
第1页,共10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:	Iron Component
样品名称:	铁壳组件
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

WRITTEN BY :

REVIEWED BY:

APPROVED BY:

Iris Chan

Sunshine Liu

Will Pan

陈芷晴, Iris  
报告编写员

刘小芳, Sunshine  
报告审核员

潘坚定, Will  
技术总监

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

**说明:** 报告未盖本机构“检测专用章”无效。报告只对委托之样品负责。报告涂改、自行增删无效。未经本机构批准,不得复制(全文复制除外)本报告。未经授权对本报告的内容或外观进行任何更改、伪造或篡改均属于违法行为,违者将受到法律起诉。如果客户对本报告有异议,请于报告发出之日起15日内提出,逾期不予受理。



400 111 6218

Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

东莞市欧冠检测技术服务有限公司

电话 Tel: (86-769) 38937858 传真 Fax: (86-769) 38937859 网址 Http:// www.cpstlab.com

Room 1092, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

中国·广东·东莞·厚街镇厚街大道东12号1092室

邮编 Postcode: 523945

邮箱 E-mail: service@cpstlab.com

CONCLUSION :

结 论:

TESTED SAMPLES

测试样品

TEST ITEM

测试项目

RESULT

结果

Iron Component  
铁壳组件

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

PASS  
合格

PASS  
合格

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

**说明:** 报告未盖本机构“检测专用章”无效。报告只对委托之样品负责。报告涂改、自行增删无效。未经本机构批准,不得复制(全文复制除外)本报告。未经授权对本报告的内容或外观进行任何更改、伪造或篡改均属于违法行为,违者将受到法律起诉。如果客户对本报告有异议,请于报告发出之日起 15 日内提出,逾期不予受理。



400 111 6218

Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

东莞市欧冠检测技术服务有限公司

电话 Tel: (86-769) 38937858

传真 Fax: (86-769) 38937859

网址 Http:// www.cpstlab.com

Room 1092, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

中国·广东·东莞·厚街镇厚街大道东12号1092室

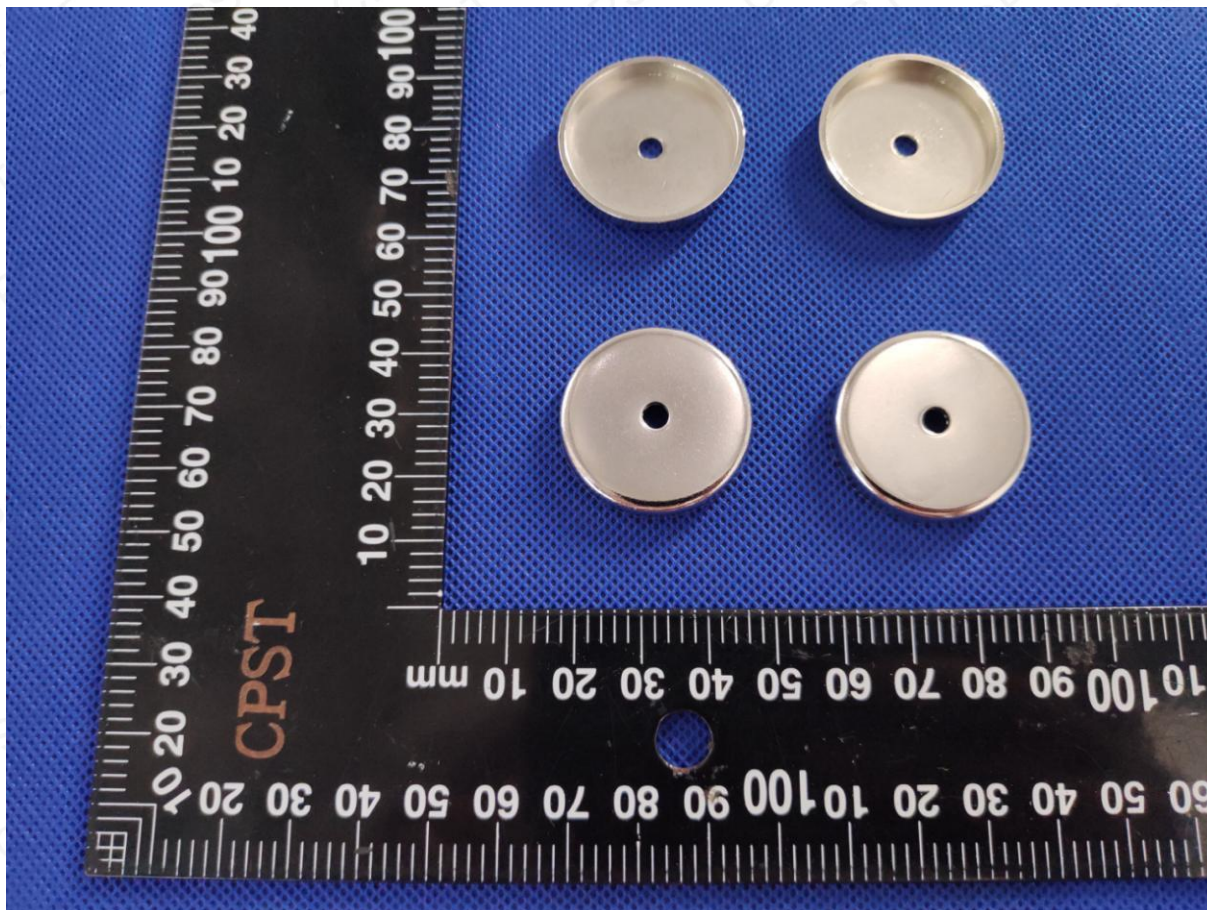
邮编 Postcode: 523945

邮箱 E-mail: service@cpstlab.com



Photo of the Submitted Sample

送检样品照片



**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

**说明:** 报告未盖本机构“检测专用章”无效。报告只对委托之样品负责。报告涂改、自行增删无效。未经本机构批准,不得复制(全文复制除外)本报告。未经授权对本报告的内容或外观进行任何更改、伪造或篡改均属于违法行为,违者将受到法律起诉。如果客户对本报告有异议,请于报告发出之日起 15 日内提出,逾期不予受理。



400 111 6218

Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

东莞市欧冠检测技术有限公司

电话 Tel: (86-769) 38937858

传真 Fax: (86-769) 38937859

网址 Http:// www.cpstlab.com

Room 1092, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

中国·广东·东莞·厚街镇厚街大道东12号1092室

邮编 Postcode: 523945

邮箱 E-mail: service@cpstlab.com

## Test Result(s):

### 测试结果:

Description of Specimen : Silvery metal  
样品描述 : 银色金属

## 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 测试项目	Unit 单位	Test Method 测试方法	Result 结果	MDL 检出限	Limit 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, 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	µg/cm <sup>2</sup>	IEC 62321-7-1:2015, UV-VIS	N.D.	0.10	0.10
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

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurrer to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

**说明:** 报告未盖本机构“检测专用章”无效。报告只对委托之样品负责。报告涂改、自行增删无效。未经本机构批准,不得复制(全文复制除外)本报告。未经授权对本报告的内容或外观进行任何更改、伪造或篡改均属于违法行为,违者将受到法律起诉。如果客户对本报告有异议,请于报告发出之日起 15 日内提出,逾期不予受理。



Note:

1. mg/kg = milligram per kilogram= ppm
2. N.D. = Not Detected (<MDL)
3. MDL = Method detection limit
4. “-” = Not Regulated
5. Boiling-water-extraction:  
Negative = Absence of Cr(VI) coating / surface layer: the detected concentration in boiling-water-extraction solution is less than 0.10µg with 1cm<sup>2</sup> sample surface area.  
Positive = Presence of Cr(VI) coating / surface layer: the detected concentration in boiling-water-extraction solution is greater than 0.13µg with 1cm<sup>2</sup> sample surface area.  
Inconclusive = the detected concentration in boiling-water-extraction solution is greater than 0.10µg and less than 0.13µg with 1cm<sup>2</sup> sample surface area.
6. Positive = result be regarded as not comply with RoHS requirement
7. Negative = result be regarded as comply with RoHS requirement

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
5. 沸水萃取:  
阴性 = 未检测到六价铬: 每1cm<sup>2</sup>表面积的被测试样品的沸水萃取液中六价铬的浓度小于0.10µg.  
阳性 = 检测到六价铬: 每 1cm<sup>2</sup> 表面积的被测试样品的沸水萃取液中六价铬的浓度大于 0.13µg.  
不确定 = 检测到六价铬: 每 1cm<sup>2</sup> 表面积的被测试样品的沸水萃取液中六价铬的浓度大于 0.10µg 而小于 0.13µg.
6. 阳性表示六价铬不符合 RoHS 要求
7. 阴性表示六价铬符合 RoHS 要求

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurrer to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

**说明:** 报告未盖本机构“检测专用章”无效。报告只对委托之样品负责。报告涂改、自行增删无效。未经本机构批准,不得复制(全文复制除外)本报告。未经授权对本报告的内容或外观进行任何更改、伪造或篡改均属于违法行为,违者将受到法律起诉。如果客户对本报告有异议,请于报告发出之日起 15 日内提出,逾期不予受理。



400 111 6218

Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

东莞市欧冠检测技术服务有限公司

电话 Tel: (86-769) 38937858

传真 Fax: (86-769) 38937859

网址 Http:// www.cpstlab.com

Room 1092, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

中国·广东·东莞·厚街镇厚街大道东12号1092室

邮编 Postcode: 523945

邮箱 E-mail: service@cpstlab.com

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

Note:

注释:

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

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.

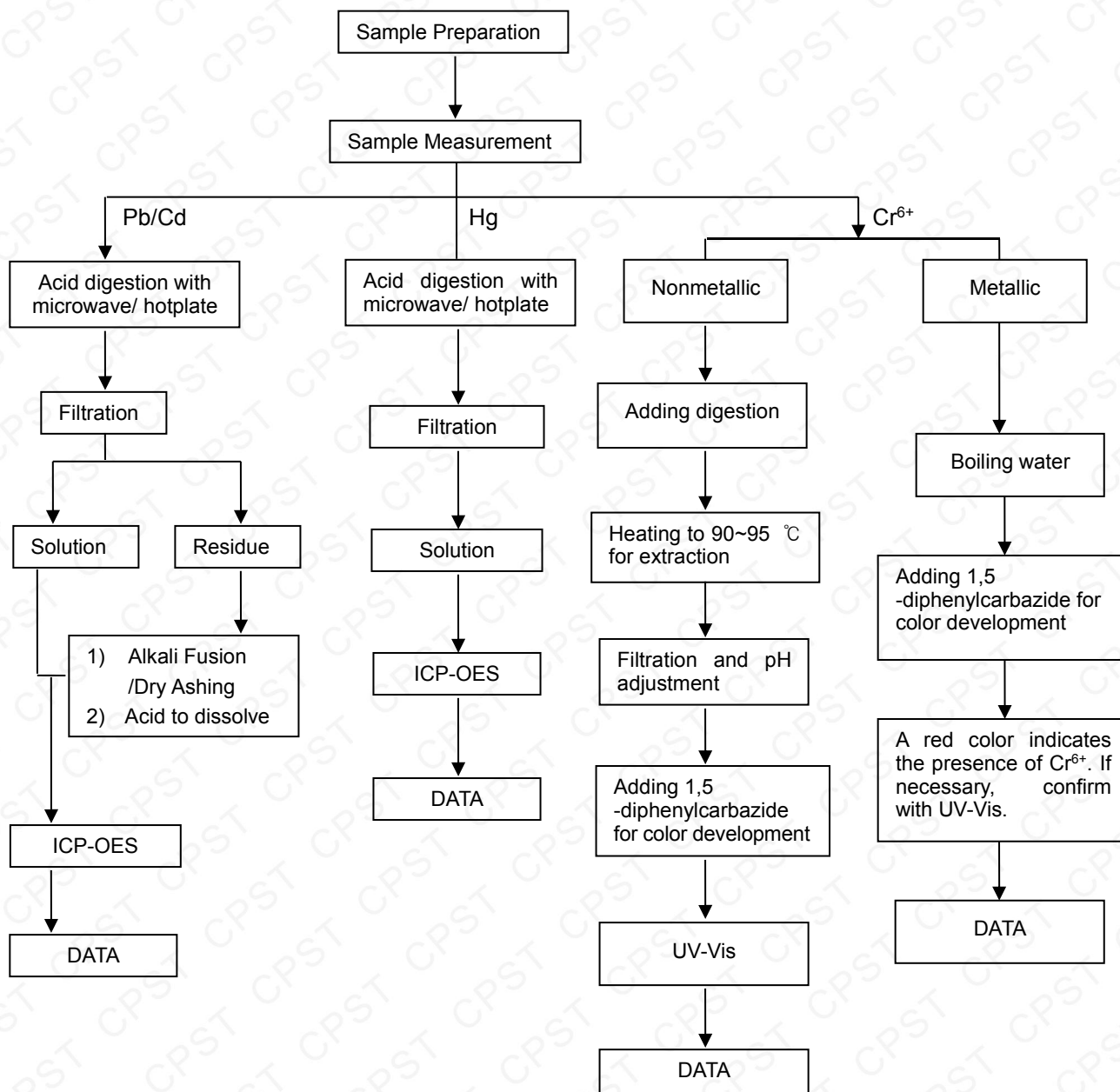
备注: 根据申请人的要求, 对提交样品所选的材料进行检测。测试结果仅对提交的样品负责。

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

**说明:** 报告未盖本机构“检测专用章”无效。报告只对委托之样品负责。报告涂改、自行增删无效。未经本机构批准, 不得复制(全文复制除外)本报告。未经授权对本报告的内容或外观进行任何更改、伪造或篡改均属于违法行为, 违者将受到法律起诉。如果客户对本报告有异议, 请于报告发出之日起 15 日内提出, 逾期不予受理。

## 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)



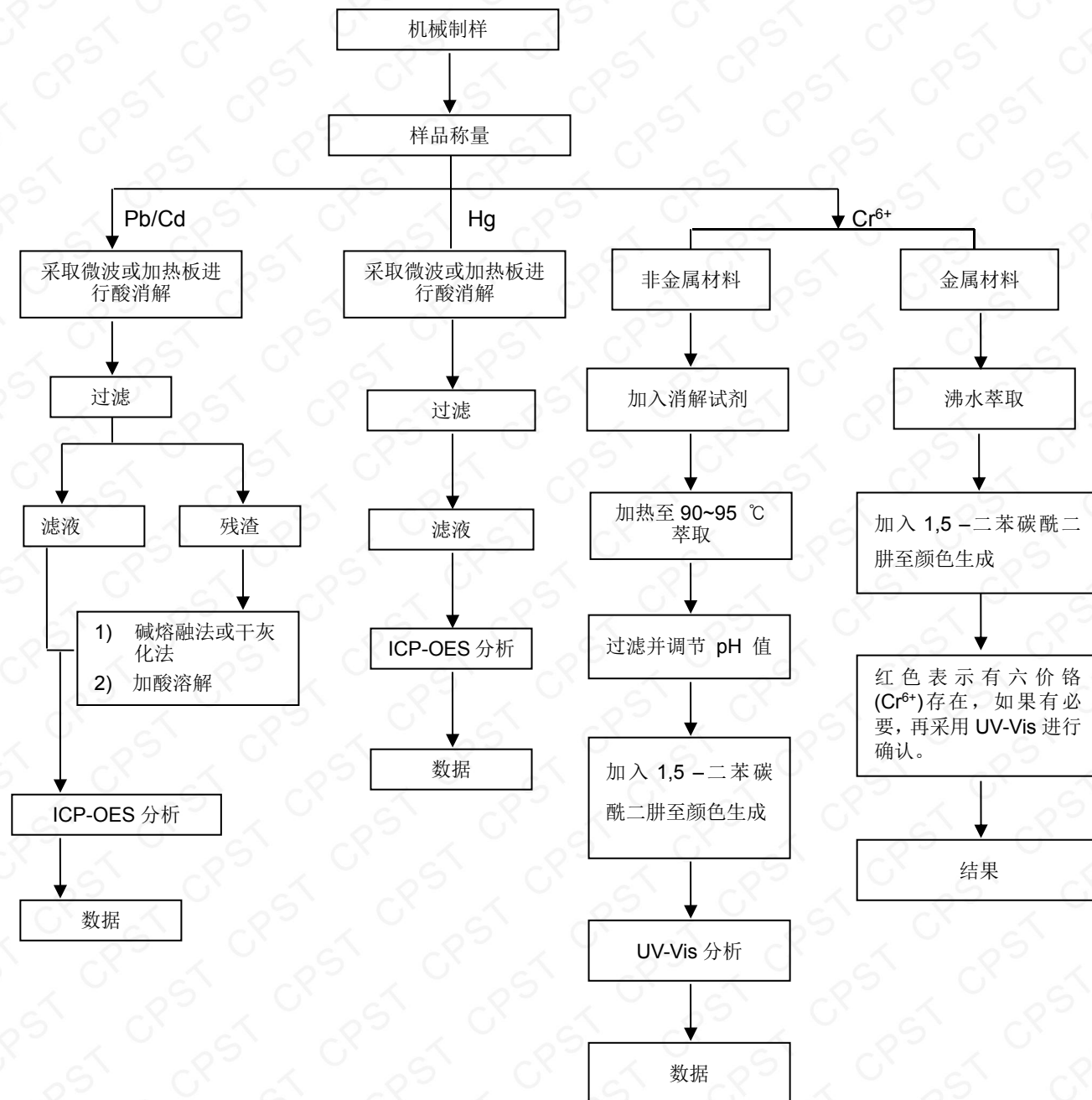
**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

**说明:** 报告未盖本机构“检测专用章”无效。报告只对委托之样品负责。报告涂改、自行增删无效。未经本机构批准,不得复制(全文复制除外)本报告。未经授权对本报告的内容或外观进行任何更改、伪造或篡改均属于违法行为,违者将受到法律起诉。如果客户对本报告有异议,请于报告发出之日起 15 日内提出,逾期不予受理。



## 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)。

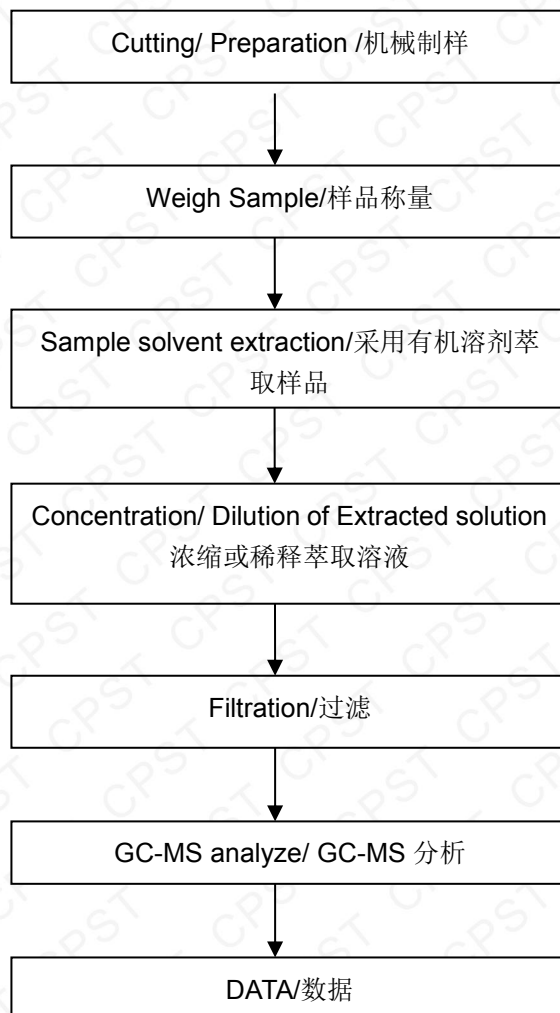


**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurrer to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

**说明:** 报告未盖本机构“检测专用章”无效。报告只对委托之样品负责。报告涂改、自行增删无效。未经本机构批准,不得复制(全文复制除外)本报告。未经授权对本报告的内容或外观进行任何更改、伪造或篡改均属于违法行为,违者将受到法律起诉。如果客户对本报告有异议,请于报告发出之日起 15 日内提出,逾期不予受理。



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



**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

**说明:** 报告未盖本机构“检测专用章”无效。报告只对委托之样品负责。报告涂改、自行增删无效。未经本机构批准,不得复制(全文复制除外)本报告。未经授权对本报告的内容或外观进行任何更改、伪造或篡改均属于违法行为,违者将受到法律起诉。如果客户对本报告有异议,请于报告发出之日起 15 日内提出,逾期不予受理。



400 111 6218

Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

东莞市欧冠检测技术服务有限公司

电话 Tel: (86-769) 38937858 传真 Fax: (86-769) 38937859 网址 Http:// www.cpstlab.com

Room 1092, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

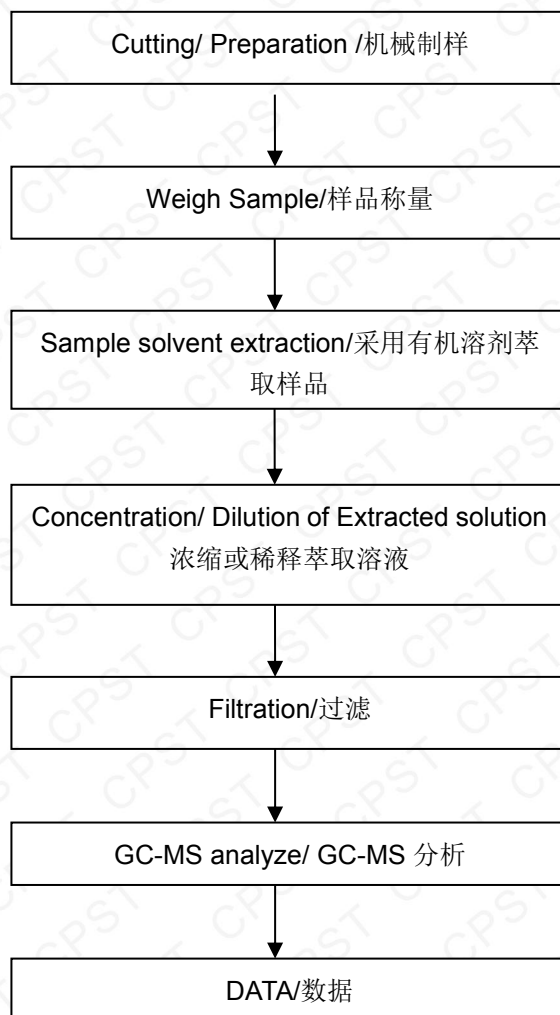
中国·广东·东莞·厚街镇厚街大道东12号1092室

邮编 Postcode: 523945

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 \*\*\*

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

**说明:** 报告未盖本机构“检测专用章”无效。报告只对委托之样品负责。报告涂改、自行增删无效。未经本机构批准,不得复制(全文复制除外)本报告。未经授权对本报告的内容或外观进行任何更改、伪造或篡改均属于违法行为,违者将受到法律起诉。如果客户对本报告有异议,请于报告发出之日起 15 日内提出,逾期不予受理。



400 111 6218

Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

东莞市欧冠检测技术服务有限公司

电话 Tel: (86-769) 38937858

传真 Fax: (86-769) 38937859

网址 Http:// www.cpstlab.com

Room 1092, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

中国·广东·东莞·厚街镇厚街大道东12号1092室

邮编 Postcode: 523945

邮箱 E-mail: service@cpstlab.com