

Test Report

测试报告

No.BCTC-FYC180115119R
编号: BCTC-FYC180115119R

Date:Nov. 29, 2018
日期: 2018.11.29

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Applicant : Shenzhen Renhotec Technology Electronics Co., Ltd
申请单位 : 深圳市仁昊伟业科技电子有限公司
Address : No 5, Xinyuan North Fifth Road, Ludong Village, Humen Town, Dongguan,
地 址 : 523939, Guangdong, China./ 东莞市虎门镇路东新园北 5 路 5 号

The submitted sample and sample information was/were submitted and identified by/on the behalf of the client/委托检测之样品及样品信息由申请者提供并确认

Sample name/样品名称 : DC Jack ((RHT-635-0201)

Type /model/型 号 : DC Connector

Manufacturer : Shenzhen Renhotec Technology Electronics Co., Ltd
制 造 商 : 深圳市仁昊伟业科技电子有限公司

Address : No 5, Xinyuan North Fifth Road, Ludong Village, Humen Town, Dongguan,
地 址 : 523939, Guangdong, China./ 东莞市虎门镇路东新园北 5 路 5 号

Sample received date : Nov. 23, 2018
样品接收日期 : 2018.11.23

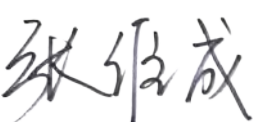
Testing period : Nov. 23, 2018 - Nov. 29, 2018
样品测试日期 : 2018.11.23 - 2018.11.29

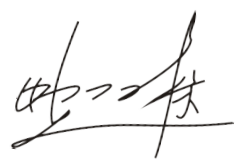
Test requested : As specified by client, to test the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyl(PBBs), Polybrominated Diphenyl Ethers (PBDEs), Di-isobutyl phthalate(DIBP), Dibutyl phthalate(DBP), Benzyl butyl phthalate(BBP), Bis (2-ethylhexyl)phthalate(DEHP) in the submitted sample.
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)), 多溴二苯(PBBs), 多溴二苯醚(PBDEs), 邻苯二甲酸二异丁酯(DIBP), 邻苯二甲酸二丁酯(DBP), 邻苯二甲酸丁苯酯(BBP), 邻苯二甲酸二(2-乙基己基)酯(DEHP)进行测试。

According to the RoHS Directive 2011/65/EU and amendment Commission Delegated Directive (EU) 2015/863(按照RoHS指令2011/65/EU以及修订指令(EU)2015/863)

*****更多详细信息请查阅下一页*****


*****For more detailed information, please refer to the next page*****

Tested by 
主 检 : 张维成

Approved by 
批 准 : 张朝标

Lab:Shenzhen BCTC Testing Co.,Ltd.

Add:BCTC Building & 1-2F,East of B Building,pengzhou Industrial,Fuyuan 1st Road,
Qiaotou Community,Fuyong Street, Bao 'an District,Shenzhen,China
Tel : (86)0755-33229357 Fax : 0755-33229357

 **Hotline**
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Test Method: (检测方法)

Tested Item(s) 测试项目	Test Method 测试方法	Measured Equipment(s) 测试仪器
Lead(Pb)/ 铅 (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Cadmium(Cd)/ 镉 (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Mercury(Hg)/ 汞 (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES
Hexavalent Chromium(Cr(VI)) 六价铬 (Cr(VI))	IEC 62321-7-1:2015 Ed.1.0	UV-Vis
	IEC 62321-7-2:2017 Ed.1.0	
Polybrominated Biphenyls(PBBs) 多溴二苯 (PBBs)	IEC 62321-6:2015 Ed.1.0	GC-MS
Polybrominated Diphenyl Ethers (PBDEs) 多溴二苯醚 (PBDEs)	IEC 62321-6:2015 Ed.1.0	GC-MS
Phthalates/ 邻苯二甲酸盐	IEC 62321-8:2017 Ed.1.0	GC-MS

Tested Sample/Part Description: (测试样品/部位描述)

- 1 Black plastic/ 黑色塑料
- 2 Silver metal/ 银色金属

Test Result(s): (检测结果)

Tested Item(s) 测试项目	Result/结果 Unit/单位 (mg/kg)		MDL/方法检测限 Unit/单位 (mg/kg)	Limit/限值 Unit/单位 (mg/kg)
	1	2		
Lead (Pb)/铅(Pb)	N.D.	N.D.	2	1000
Cadmium (Cd)/镉(Cd)	N.D.	N.D.	2	100
Mercury (Hg)/汞(Hg)	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI)) 六价铬(Cr(VI))	N.D.	Negative 阴性	Metal/金属: /	1000
			Nonmetal/非金属: 8	

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Tested Item(s) 测试项目	Result/结果 Unit/单位(mg/kg)		MDL/方法检测限 Unit/单位(mg/kg)	Limit/限值 Unit/单位(mg/kg)
	1	2		
Polybrominated Biphenyls(PBBs) 多溴二苯(PBBs)	N.D.	/	--	1000
Monobromobiphenyl/一溴二苯	N.D.	/	5	--
Dibromobiphenyl/二溴二苯	N.D.	/	5	--
Tribromobiphenyl/三溴二苯	N.D.	/	5	--
Tetrabromobiphenyl/四溴二苯	N.D.	/	5	--
Pentabromobiphenyl/五溴二苯	N.D.	/	5	--
Hexabromobiphenyl/六溴二苯	N.D.	/	5	--
Heptabromobiphenyl/七溴二苯	N.D.	/	5	--
Octabromobiphenyl/八溴二苯	N.D.	/	5	--
Nonabromobiphenyl/九溴二苯	N.D.	/	5	--
Decabromobiphenyl/十溴二苯	N.D.	/	5	--
Polybrominated Diphenyl Ethers(PBDEs) 多溴二苯醚(PBDEs)	N.D.	/	--	1000
Monobromodiphenyl ether/一溴二苯醚	N.D.	/	5	--
Dibromodiphenyl ether/二溴二苯醚	N.D.	/	5	--
Tribromodiphenyl ether/三溴二苯醚	N.D.	/	5	--
Tetrabromodiphenyl ether/四溴二苯醚	N.D.	/	5	--
Pentabromodiphenyl ether/五溴二苯醚	N.D.	/	5	--
Hexabromodiphenyl ether/六溴二苯醚	N.D.	/	5	--
Heptabromodiphenyl ether/七溴二苯醚	N.D.	/	5	--
Octabromodiphenyl ether/八溴二苯醚	N.D.	/	5	--
Nonabromodiphenyl ether/九溴二苯醚	N.D.	/	5	--
Decabromodiphenyl ether/十溴二苯醚	N.D.	/	5	--

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Tested Item(s) 测试项目	Result/结果 Unit/单位 (mg/kg)		MDL/方法检测限 Unit/单位 (mg/kg)	Limit/限值 Unit/单位 (mg/kg)
	1	2		
Diisobutyl phthalate (DIBP)/ 邻苯二甲酸二异丁酯 CAS #:84-74-2	N.D.	/	50	1000
Dibutyl phthalate(DBP)/ 邻苯二甲酸二丁酯 CAS #:84-74-2	N.D.	/	50	1000
Benzylbutyl phthalate(BBP)/ 邻苯二甲酸丁苄酯 CAS #:85-68-7	N.D.	/	50	1000
Bis (2-ethylhexyl)phthalate(DEHP)/ 邻苯二甲酸二(2-乙基己基)酯 CAS #:117-81-7	N.D.	/	50	1000

Note:

-N.D. = Not Detected (<MDL) =未检出 (小于方法检测限)

-mg/kg = ppm = parts per million =百万分之几

-Negative = Absence of Cr(VI) , the detected Cr(VI) concentration in the boiling water extraction solution is less than $0.1\mu\text{g}/\text{cm}^2$ with 50cm^2 sample surface area used. =阴性表示不含有六价铬, 即由表面积为 50cm^2 的样品所萃取出来的溶液中的六价铬的浓度小于 $0.1\mu\text{g}/\text{cm}^2$ 。

-Positive = Presence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is equal to or greater than $0.13\mu\text{g}/\text{cm}^2$ with 50cm^2 sample surface area used. =阳性表示含有六价铬, 即由表面积为 50cm^2 的样品所萃取出来的溶液中的六价铬的浓度等于或大于 $0.13\mu\text{g}/\text{cm}^2$ 。

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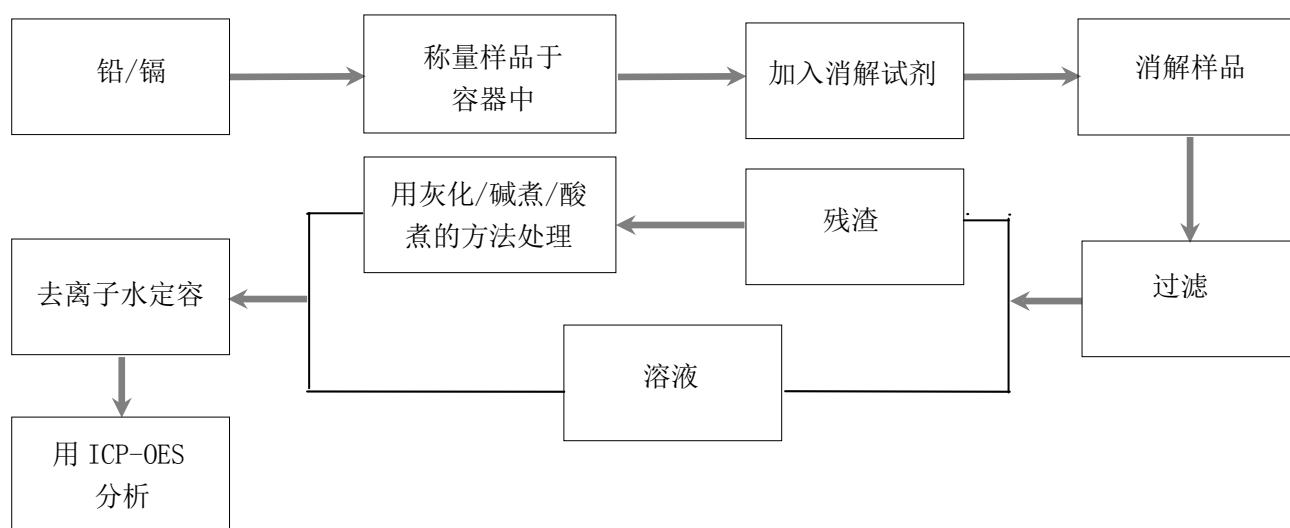
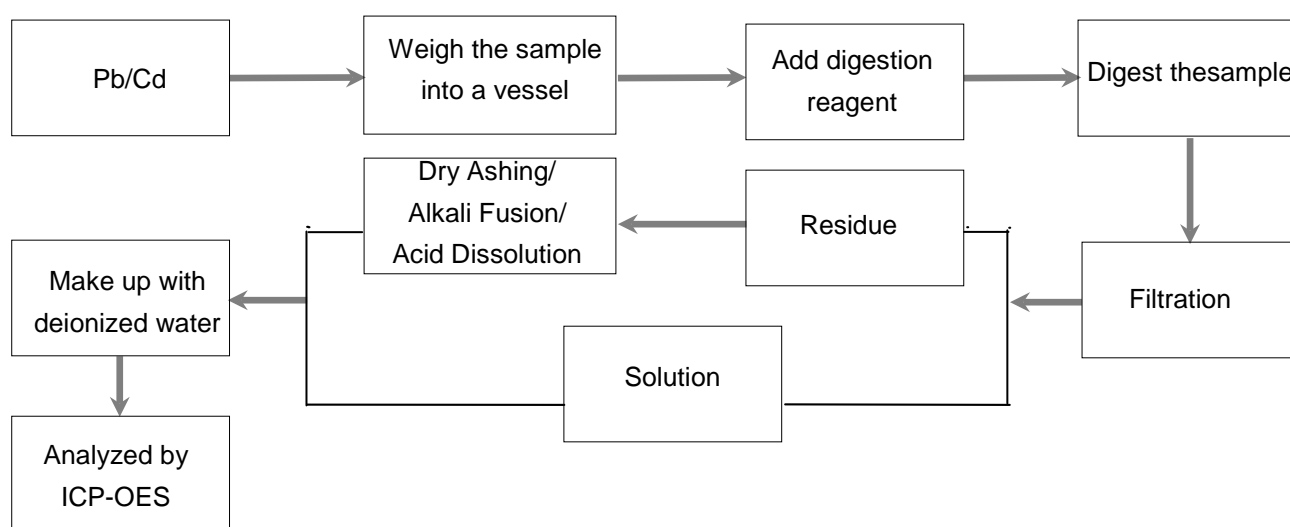
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Test Process: (检测流程)

The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.


对于检测铅, 镉, 汞之样品已完全溶解。

◆IEC 62321-5:2013 Ed.1.0



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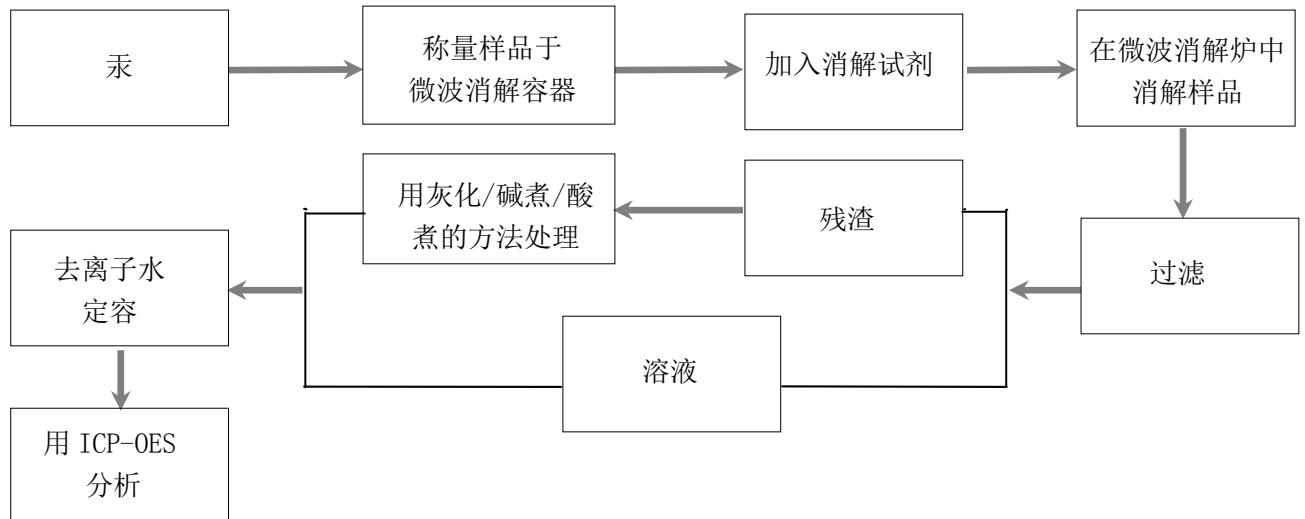
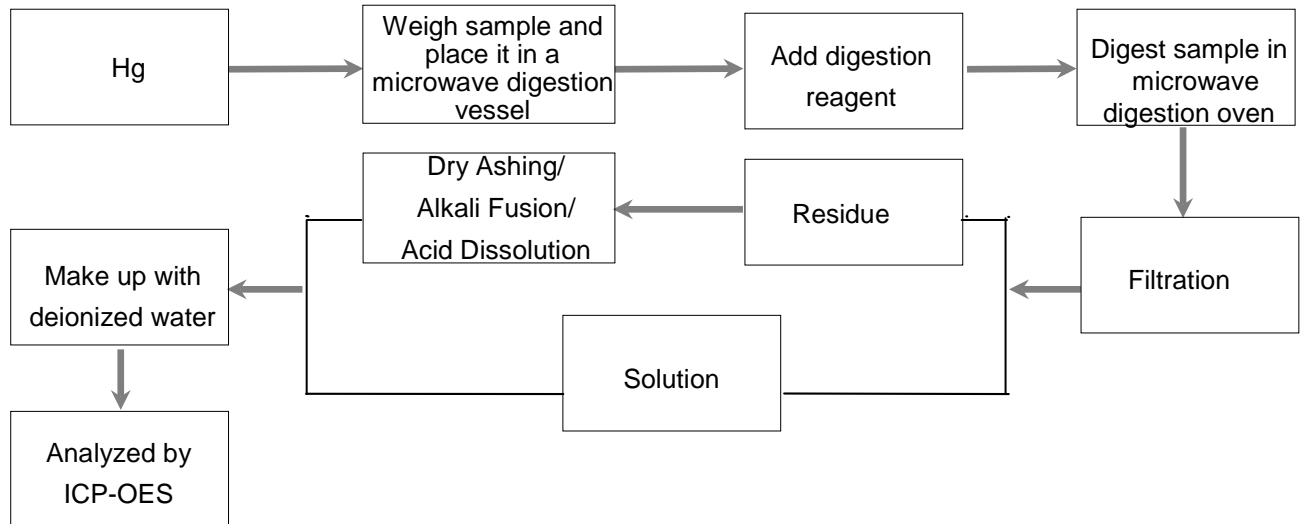
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◆IEC 62321-4:2013+AMD1:2017



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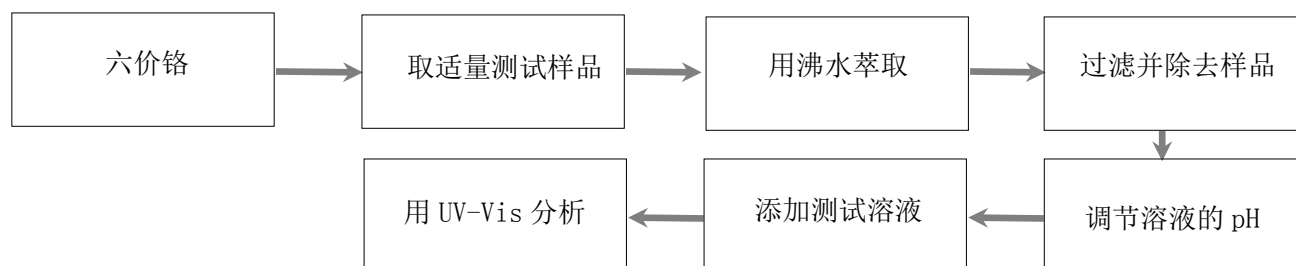
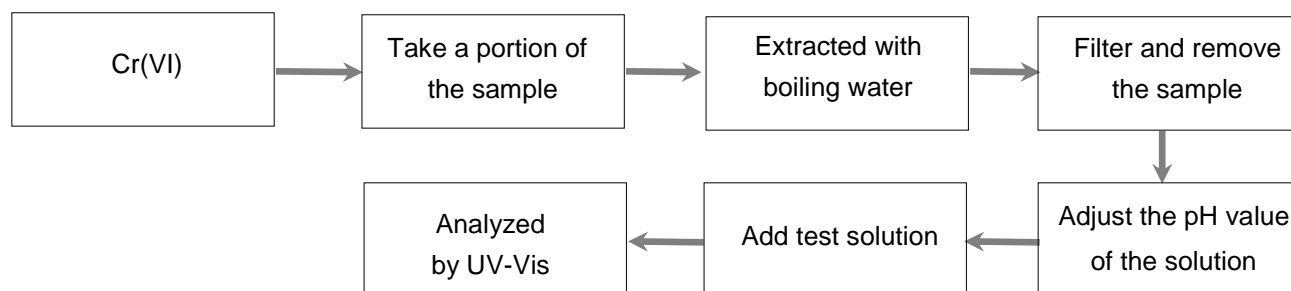
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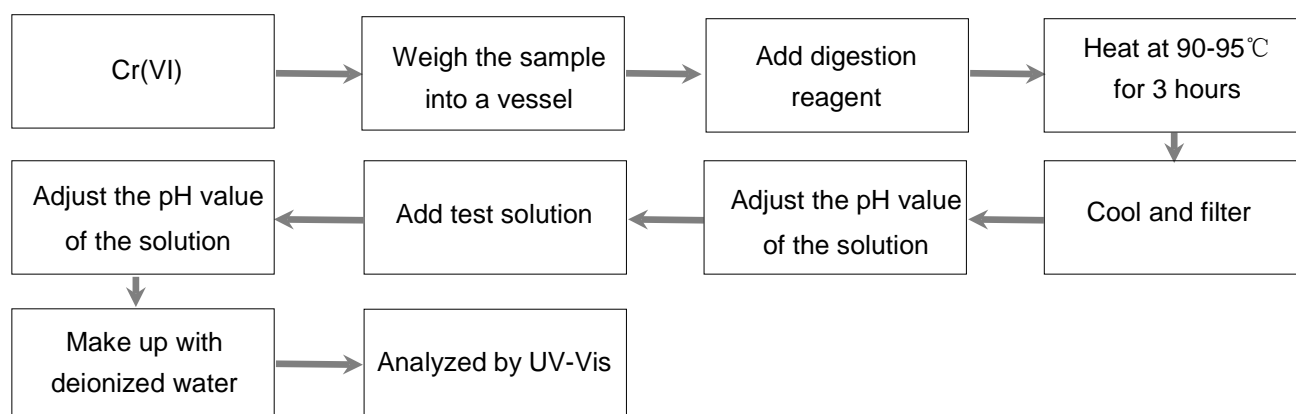
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◆IEC 62321-7-1:2015 Ed.1.0



◆IEC 62321-7-2:2017 Ed.1.0



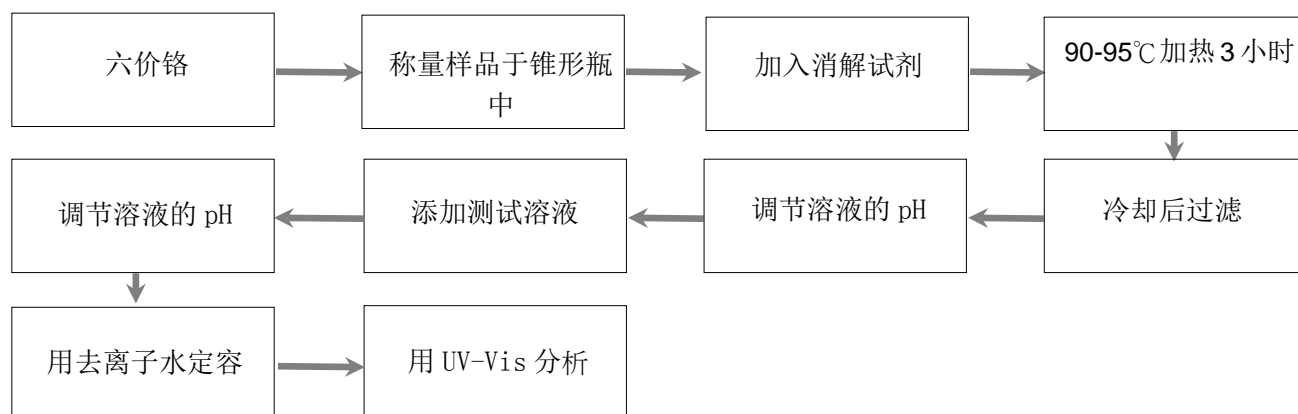
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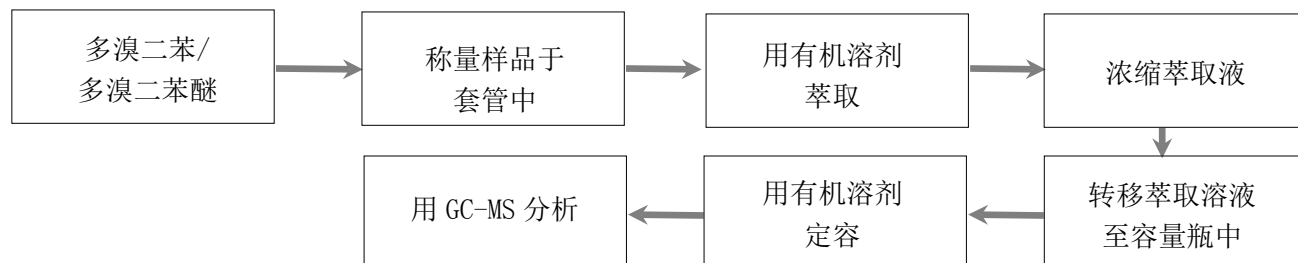
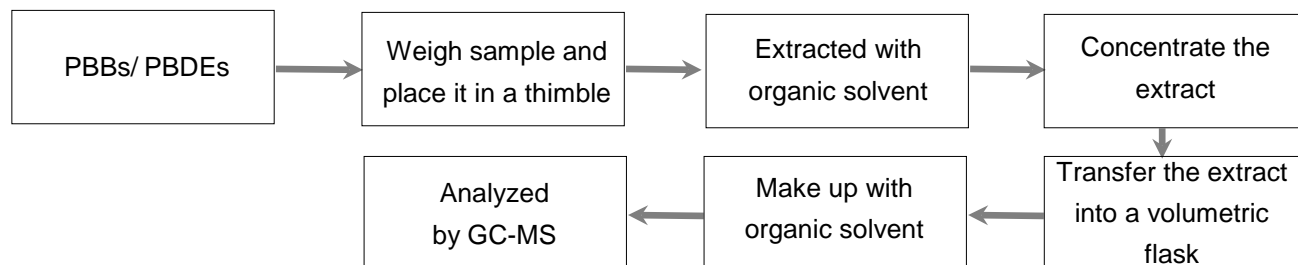
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◆IEC 62321-6:2015 Ed.1.0



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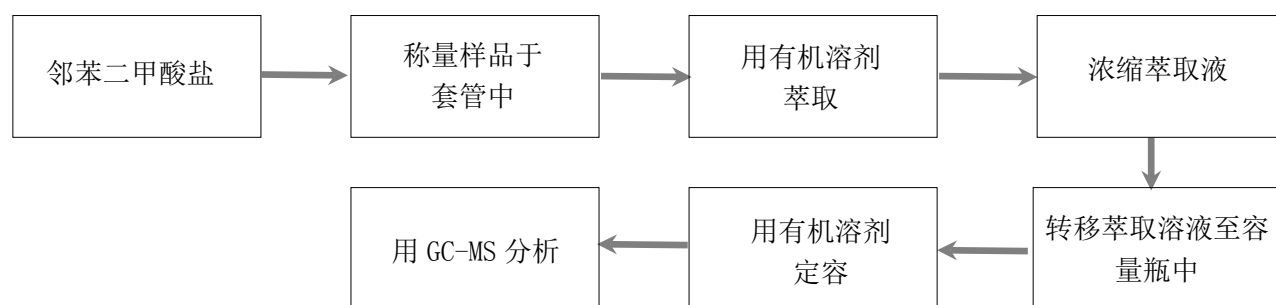
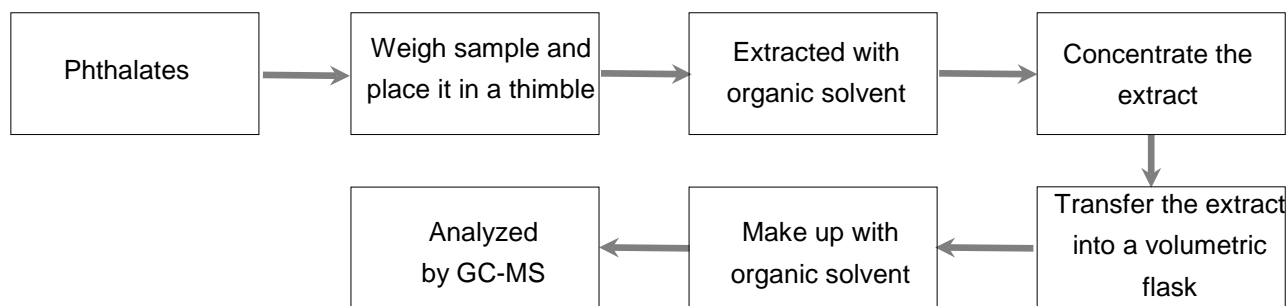
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◆IEC 62321-8:2017 Ed.1.0



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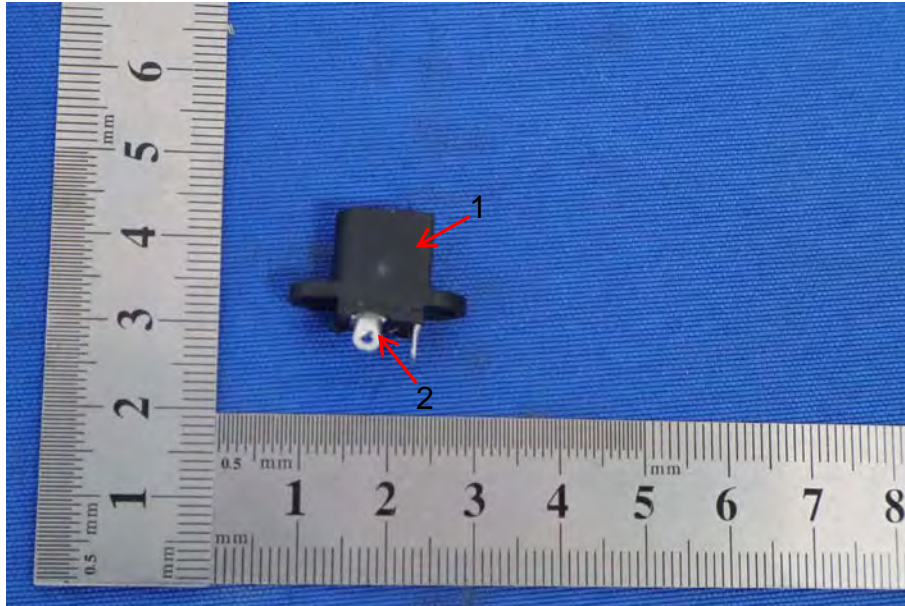
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Photograph of Sample
样品图片



***** End of Report *****
***** 报告结束 *****