

检测报告  
Test Report

报告编号 ECL01J026427001E  
Report No. ECL01J026427001E

第 1 页 共 8 页  
Page 1 of 8

申请单位 上海亚洋电工有限公司  
Applicant SHANGHAI ASIA PACIFIC ELECTRIC CO.,LTD.  
地 址 上海市奉贤区庄行镇大叶公路2525号  
Address 2525 DAYE R(D)ZHUANGHANG TOWN,FENG XIAN DISTRICT,SHANGHAI,CHINA

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 漆包铜圆线 Enamelled copper wire  
样品型号 Part No. UEW  
样品颜色 Color 本色 color  
材料名称 Material 铜 Copper  
客户参考信息 Client Reference Information UEW-U,UEWNY,UEWR,UEWNH,UEWF  
样品接收日期 2017.05.08  
Sample Received Date May 8, 2017  
样品检测日期 2017.05.08-2017.05.11  
Testing Period May 8, 2017 to May 11, 2017  
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), 氟(F), 氯(Cl), 溴(Br), 碘(I)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), Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I) in the submitted sample(s).

检测依据/检测结果 请参见下页。  
Test Method/Test Result(s) Please refer to the following page(s).

主 检  
Tested by

审 核  
Reviewed by

批 准  
Approved by

日 期  
Date

2017.05.11

实验室高级经理 Senior Laboratory Manager

上海华测品标检测技术有限公司  
Centre Testing International Pinbiao(Shanghai) Co., Ltd.

No. S201800394  
上海市浦东新区新金桥路 1996 号  
No.1996,Xinjinqiao Road, Pudong New District,Shanghai,China

检验检测专用章  
Inspection & Testing Services

# 检测报告 Test Report

报告编号 ECL01J026427001E  
Report No. ECL01J026427001E

第 2 页 共 8 页  
Page 2 of 8

## 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 Ed.1.0	ICP-OES
镉(Cd) Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
汞(Hg) Mercury (Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
六价铬(Cr(VI)) Hexavalent Chromium(Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis
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)	参考IEC 62321-8 CDV Refer to IEC 62321-8 CDV	GC-MS
氟(F) Fluorine(F)	参考EN 14582: 2016 Refer to EN 14582:2016	IC
氯(Cl) Chlorine(Cl)	参考EN 14582: 2016 Refer to EN 14582:2016	IC
溴(Br) Bromine(Br)	参考EN 14582: 2016 Refer to EN 14582:2016	IC
碘(I) Iodine(I)	参考EN 14582: 2016 Refer to EN 14582:2016	IC

## 检测结果 Test Result(s)

测试项目 Test 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.	2 mg/kg
<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

# 检测报告 Test Report

报告编号 ECL01J026427001E  
Report No. ECL01J026427001E

第 3 页 共 8 页  
Page 3 of 8

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 Test 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

测试项目 Test Item(s)	结果 Result	方法检出限 MDL
<b>卤素 Halogen(s)</b>		
氟(F) Fluorine(F)	N.D.	10 mg/kg
氯(Cl) Chlorine(Cl)	N.D.	10 mg/kg
溴(Br) Bromine(Br)	N.D.	10 mg/kg
碘(I) Iodine(I)	N.D.	10 mg/kg

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

# 检测报告 Test Report

报告编号 ECL01J026427001E

第 4 页 共 8 页

Report No. ECL01J026427001E

Page 4 of 8

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

铜色金属丝

Tested Sample/Part Description

Cupreous metal wire

备注: 对于检测铅, 镉, 汞之样品已完全溶解。

-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.**

-MDL = Method Detection Limit

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

-mg/kg = ppm = parts per million

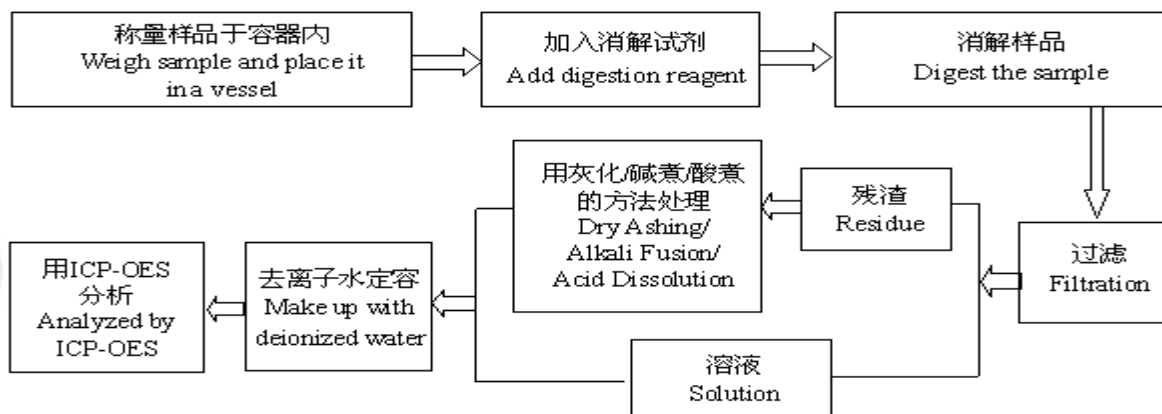
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报告编号 ECL01J026427001E  
Report No. ECL01J026427001E

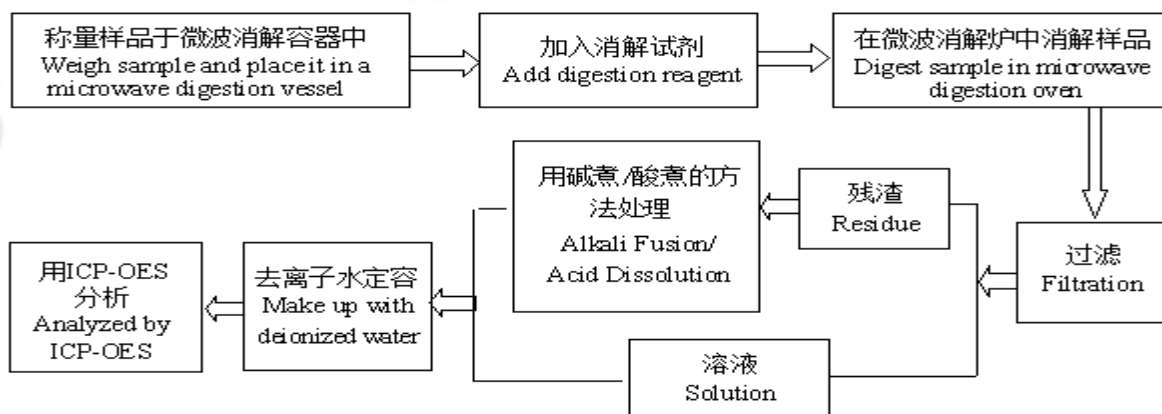
第 5 页 共 8 页  
Page 5 of 8

## 检测流程 Test Process

### 1. 铅(Pb), 镉(Cd) Lead (Pb), Cadmium (Cd)



### 2. 汞(Hg) Mercury (Hg)



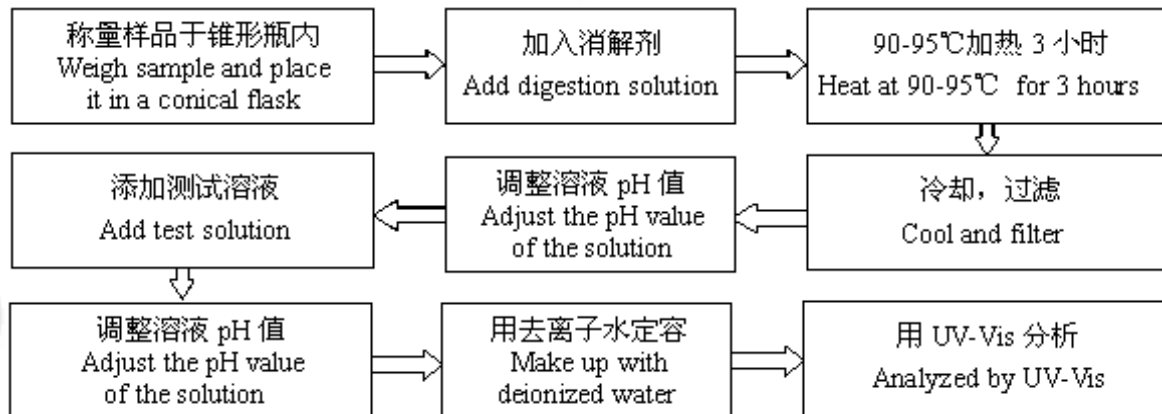


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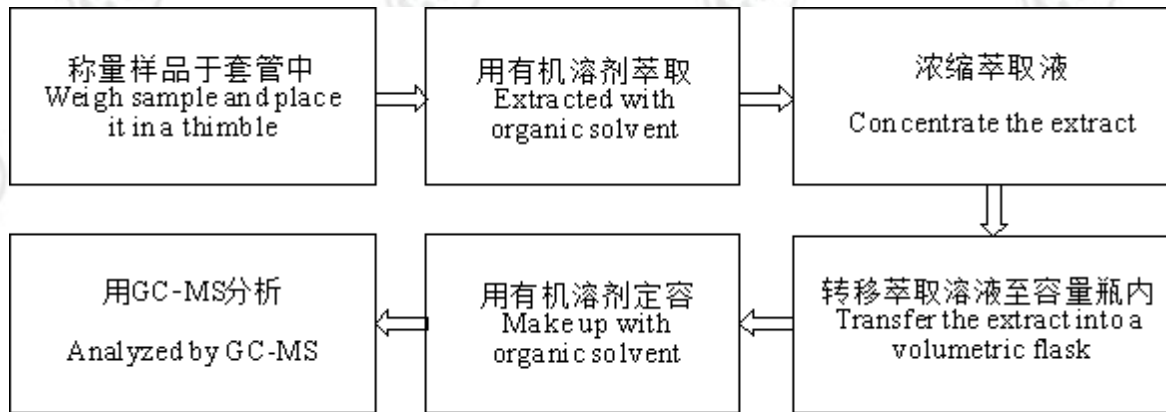
报告编号 ECL01J026427001E  
Report No. ECL01J026427001E

第 6 页 共 8 页  
Page 6 of 8

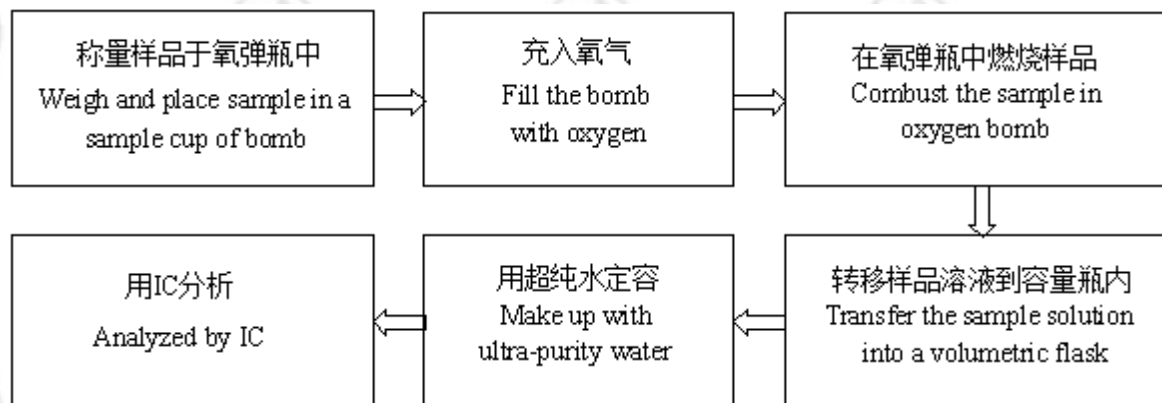
### 3. 六价铬(Cr(VI)) Hexavalent Chromium(Cr(VI))



### 4. 多溴联苯(PBBs), 多溴二苯醚(PBDEs) Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs)



### 5. 溴(Br), 氯(Cl), 氟(F), 碘(I) Bromine(Br), Chlorine(Cl), Fluorine(F), Iodine(I)

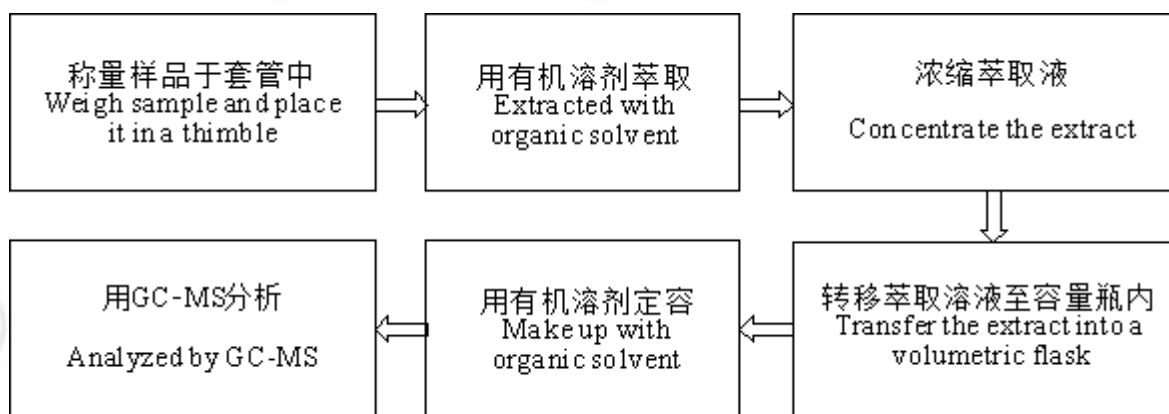


# 检测报告 Test Report

报告编号 ECL01J026427001E  
Report No. ECL01J026427001E

第 7 页 共 8 页  
Page 7 of 8

6. 邻苯二甲酸酯(DBP, BBP, DEHP, DIBP)  
Phthalates(DBP, BBP, DEHP, DIBP)

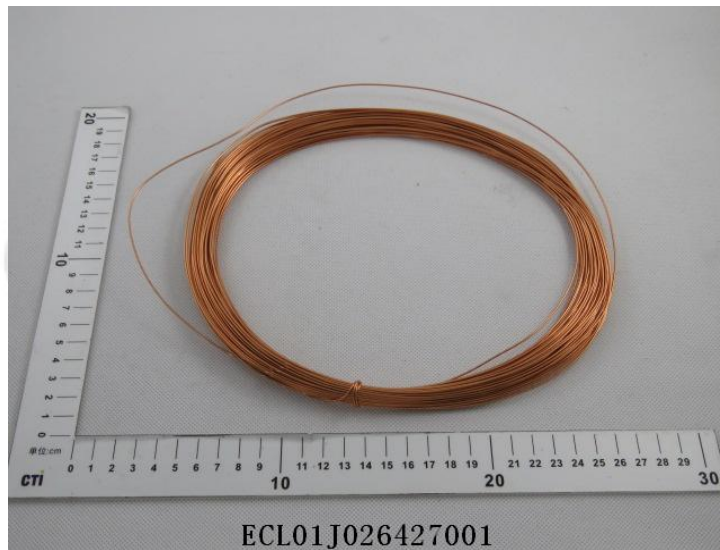


# 检测报告 Test Report

报告编号 ECL01J026427001E  
Report No. ECL01J026427001E

第 8 页 共 8 页  
Page 8 of 8

## 样品图片 Photo(s) of the sample(s)



\*\*\*报告结束\*\*\*  
\*\*\* End of report \*\*\*

检测报告无批准人签字及加盖公司报告章无效，本报告检测结果仅对受测样品负责。未经CTI书面同意，不得部分复制本报告。

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