

检测报告 Test Report

报告编号 ECL01J078934002E
Report No. ECL01J078934002E

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申请单位 上海祥乐田村电化工业有限公司
Applicant SHANGHAI XIANGLE TAMURA ELECTRO CHEMICAL INDUSTRY CO.,LTD

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Address NO.555 XIANGJIANG ROAD,JIADING,SHANGHAI 201802,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 | DSR-8000S8-19/CA-8000S8-19 |
| Sample Name | DSR-8000S8-19/CA-8000S8-19 |
| 样品颜色 | GREEN |
| Color | GREEN |
| 材料名称 | Modified epoxy resin、Solvent、Pigment、Additive |
| Material | Modified epoxy resin、Solvent、Pigment、Additive |
| 样品接收日期 | 2017. 12. 07 |
| Sample Received Date | Dec. 7, 2017 |
| 样品检测日期 | 2017. 12. 07—2017. 12. 12 |
| Testing Period | Dec. 7, 2017 to Dec. 12, 2017 |

检测要求 请参见下页。
Test Requested Please refer to the following page(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
批 准
Approved by

杨广满

苏红伟

苏红伟

实验室高级经理 Senior Laboratory Manager

华测检测技术有限公司
Centre Testing International Pimiao(Shanghai) Co., Ltd.

审 核
Reviewed by
日 期
Date

董拥民

2017.12.12

No. R201803083

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

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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), 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), Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I) in the submitted sample(s).

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 62321-7-2:2017和/或IEC 62321-5:2013 Ed. 1.0测试总铬含量 IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013 Ed.1.0 | UV-Vis/ICP-OES |
| 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 |
| 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 |

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检测结果 Test Result(s)

| 测试项目 Tested 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. | 8 mg/kg |

| 测试项目 Tested Item(s) | 结果 Result | 方法检出限 MDL |
|--|--------------|--------------|
| 多溴联苯(PBBs) Polybrominated Biphenyls(PBBs) | | |
| 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 |
| 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 Tested Item(s) | 结果 Result | 方法检出限 MDL |
|---|--------------|--------------|
| 多溴二苯醚(PBDEs) Polybrominated Diphenyl Ethers(PBDEs) | | |
| 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 |

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| 测试项目 Tested Item(s) | 结果 Result | 方法检出限 MDL |
|------------------------|--------------|--------------|
| 卤素 Halogen(s) | | |
| 氟(F) Fluorine(F) | N.D. | 10 mg/kg |
| 氯(Cl) Chlorine(Cl) | 154 mg/kg | 10 mg/kg |
| 溴(Br) Bromine(Br) | N.D. | 10 mg/kg |
| 碘(I) Iodine(I) | N.D. | 10 mg/kg |

测试样品/部位描述 绿色膏体
Tested Sample/Part Description Green paste

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

检测报告 Test Report

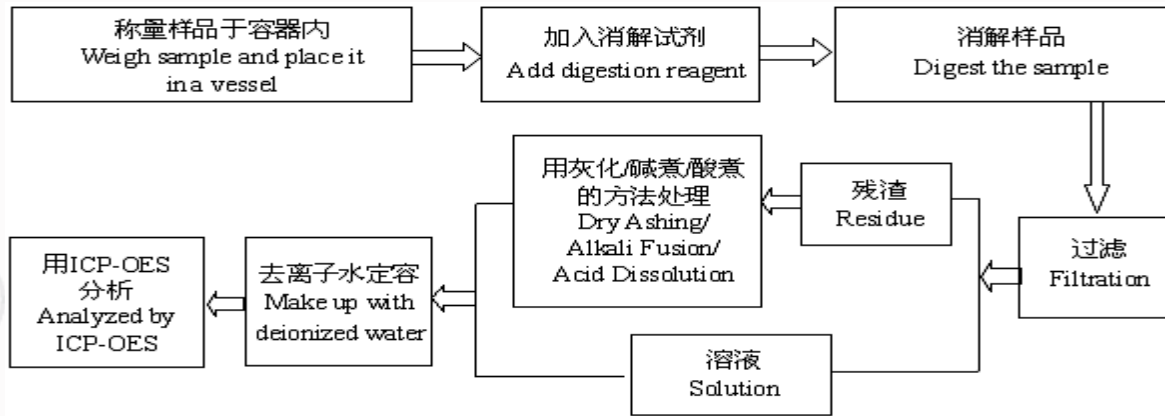
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检测流程 Test Process

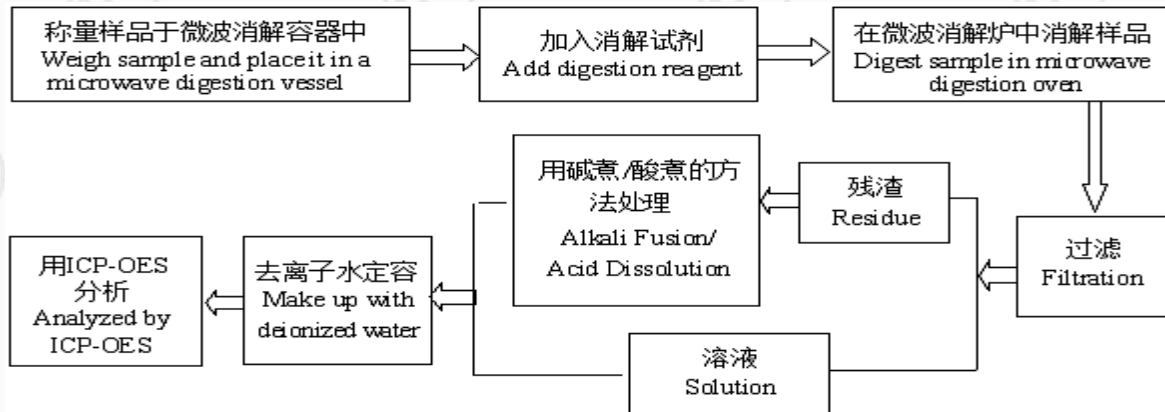
1. 铅(Pb), 镉(Cd), 铬(Cr)

Lead (Pb), Cadmium (Cd), Chromium (Cr)



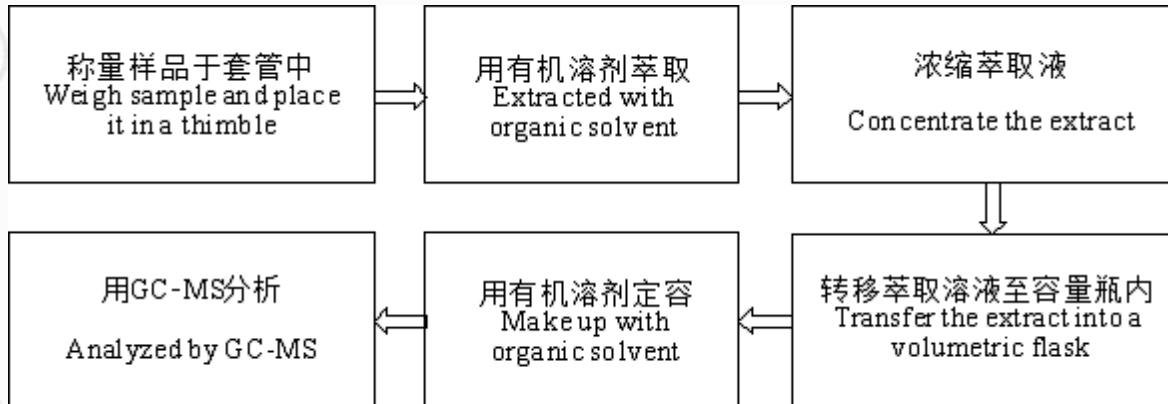
2. 汞(Hg)

Mercury (Hg)



3. 多溴联苯(PBBs), 多溴二苯醚(PBDEs)

Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs)



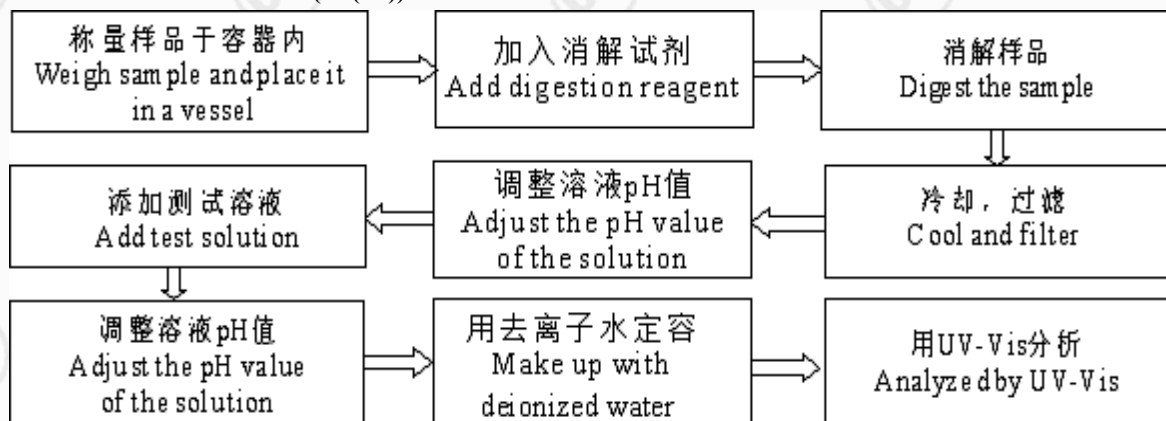
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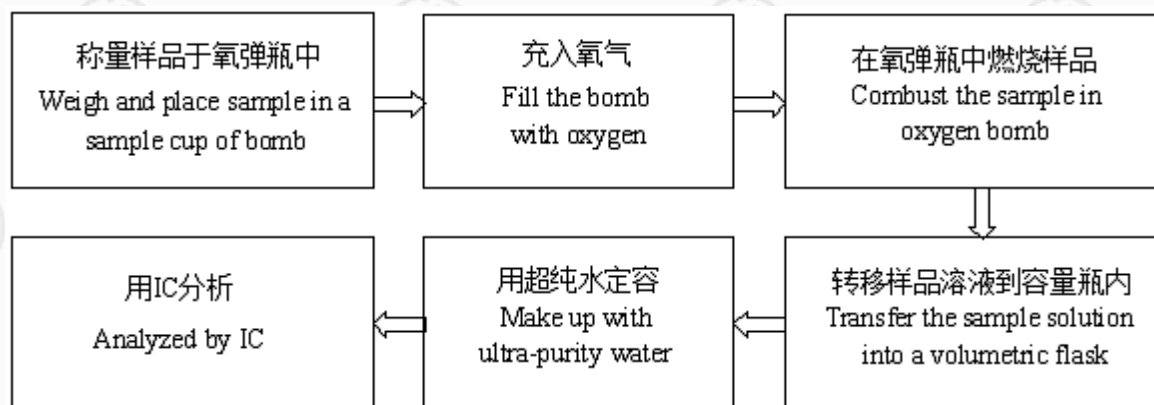
4. 六价铬 (Cr(VI))

Hexavalent Chromium(Cr(VI))



5. 溴 (Br), 氯 (Cl), 氟 (F), 碘 (I)

Bromine(Br), Chlorine(Cl), Fluorine(F), Iodine(I)



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样品图片 Photo(s) of the sample(s)



报告结束

*** End of report ***

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