

## 测试报告

No. CANEC1111933302

日期: 2011年12月20日

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深圳市盛联焊锡制品有限公司

中国深圳市宝安区湖滨路新乐工业园3栋3楼

以下测试之样品是由申请者所提供及确认: 环保助焊剂

SGS工作编号: CP11-013411 - SZ

测试样品信息: SD-F-998

客户参考信息: SD-F-997

样品接收日期: 2011年12月14日

测试周期: 2011年12月14日 - 2011年12月20日

测试要求: 根据客户要求测试


测试方法: 请参见下一页

测试结果: 请参见下一页

结论: 基于所送样品进行的测试, 镉、铅、汞、六价铬、多溴联苯(PBB)、多溴二苯醚(PBDE)的测试结果符合欧盟RoHS指令2002/95/EC的重订指令2011/65/EU附录II的限值要求

通标标准技术服务有限公司

授权签名



Merry Lv 吕爱凤

批准签署人

备注: 根据客户申请, SGS出具了此中文报告, 英文版本可根据客户要求提供. (The Chinese test report is issued according to the applicant's request. The English version is available from SGS if further needed)

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测试结果:

样品部件外观描述:

| 样品编号 | SGS样品ID          | 描述      |
|------|------------------|---------|
| 1    | CAN11-119333.002 | 浅黄色透明液体 |

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 检测极限值
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

### RoHS 指令 2011/65/EU

测试方法: 参考IEC 62321:2008:

- (1) 用ICP-OES测定镉的含量.
- (2) 用ICP-OES测定铅的含量.
- (3) 用ICP-OES测定汞的含量.
- (4) 用紫外-可见分光光度计比色法测定六价铬的含量.
- (5) 用GC-MS测定PBBs(多溴联苯)和PBDEs(多溴二苯醚) 的含量

| 测试项目           | 限值    | 单位    | MDL | 002 |
|----------------|-------|-------|-----|-----|
| 镉(Cd)          | 100   | mg/kg | 2   | 14  |
| 铅(Pb)          | 1,000 | mg/kg | 2   | 56  |
| 汞(Hg)          | 1,000 | mg/kg | 2   | ND  |
| 六价铬(Cr(VI))    | 1,000 | mg/kg | 2   | ND  |
| 多溴联苯之和(PBBs)   | 1,000 | mg/kg | -   | ND  |
| 一溴联苯           | -     | mg/kg | 5   | ND  |
| 二溴联苯           | -     | mg/kg | 5   | ND  |
| 三溴联苯           | -     | mg/kg | 5   | ND  |
| 四溴联苯           | -     | mg/kg | 5   | ND  |
| 五溴联苯           | -     | mg/kg | 5   | ND  |
| 六溴联苯           | -     | mg/kg | 5   | ND  |
| 七溴联苯           | -     | mg/kg | 5   | ND  |
| 八溴联苯           | -     | mg/kg | 5   | ND  |
| 九溴联苯           | -     | mg/kg | 5   | ND  |
| 十溴联苯           | -     | mg/kg | 5   | ND  |
| 多溴二苯醚之和(PBDEs) | 1,000 | mg/kg | -   | ND  |
| 一溴二苯醚          | -     | mg/kg | 5   | ND  |

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| 测试项目  | 限值 | 单位    | MDL | 002 |
|-------|----|-------|-----|-----|
| 二溴二苯醚 | -  | mg/kg | 5   | ND  |
| 三溴二苯醚 | -  | mg/kg | 5   | ND  |
| 四溴二苯醚 | -  | mg/kg | 5   | ND  |
| 五溴二苯醚 | -  | mg/kg | 5   | ND  |
| 六溴二苯醚 | -  | mg/kg | 5   | ND  |
| 七溴二苯醚 | -  | mg/kg | 5   | ND  |
| 八溴二苯醚 | -  | mg/kg | 5   | ND  |
| 九溴二苯醚 | -  | mg/kg | 5   | ND  |
| 十溴二苯醚 | -  | mg/kg | 5   | ND  |

备注:

(1) 最大允许极限值引用自指令2011/65/EU 附录II

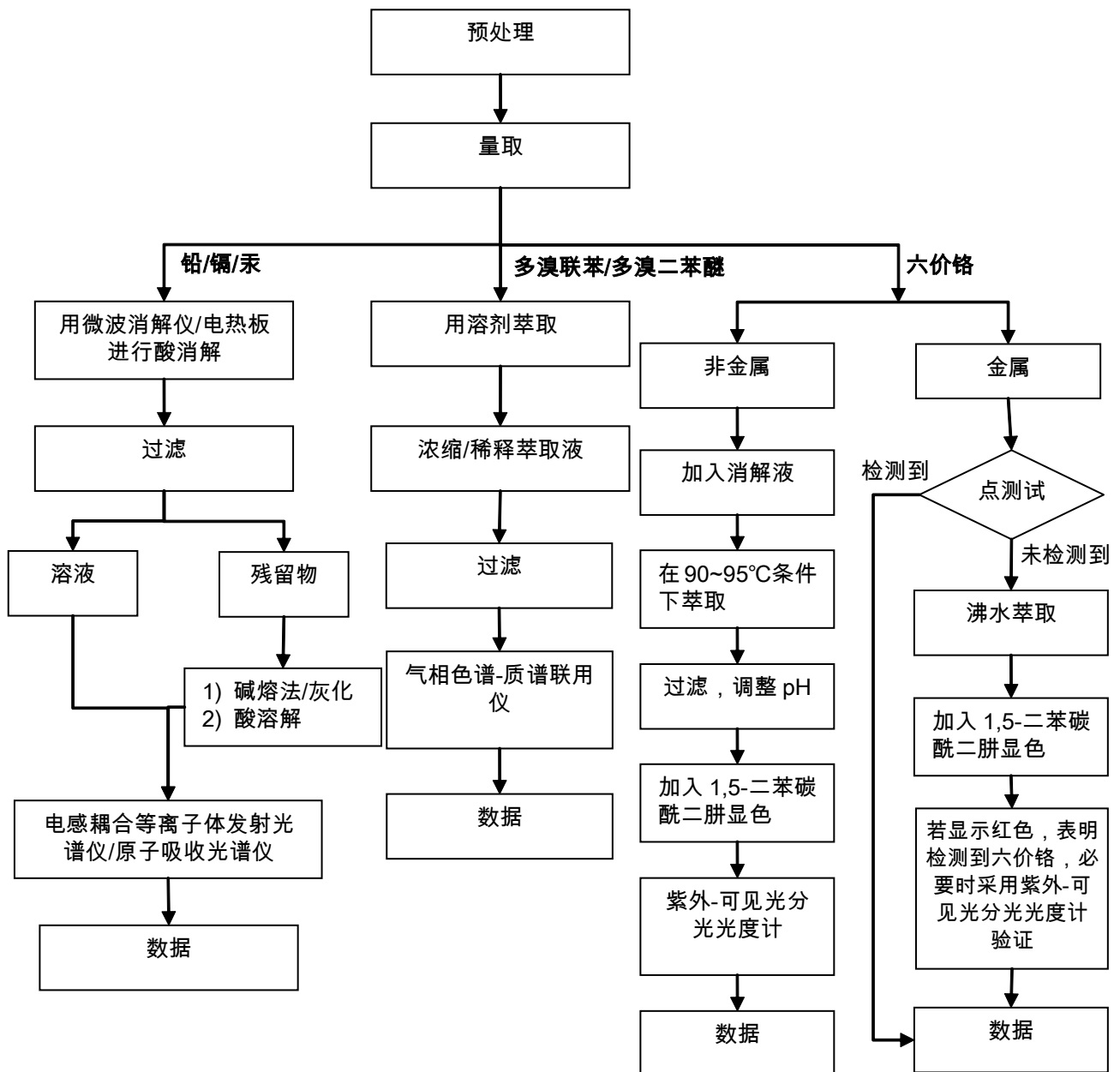
备注: 所示结果为湿样品总重量中的含量。

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## 附件

### RoHS 测试流程图

- 1) 分析人员：汪丹 / 余晓璐 / 詹达琦
- 2) 项目负责人：余奕东 / 杨伟兴
- 3) 样品按照下述流程被完全消解（六价铬和多溴联苯/多溴二苯醚测试除外）。



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样品照片:



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