

## 测试报告

No. SHAEC1707187206

日期: 2017 年 04 月 18 日

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肯天(上海)贸易有限公司

上海市青浦工业园区拓青路 88 号

以下测试之样品是由申请者所提供及确认 :Lusin Clean 1070

SGS 工作编号 : SP17-012735 - SH

批号 : 60266R

样品接收日期 : 2017 年 04 月 14 日

测试周期 : 2017 年 04 月 14 日 - 2017 年 04 月 18 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(PBBs)、多溴二苯醚(PBDEs)的测试结果不超过欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863 的限值要求。

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司 授权签名

刘海鹏

Helen Liu 刘海鹏

批准签署人

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测试结果 :

### 测试样品描述 :

样品编号	SGS 样品 ID	描述
SN1	SHA17-071872.003	透明固体颗粒

备注 :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 ( < MDL )
- (4) "-" = 未规定

### RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863

- 测试方法 :
- (1) 参考 IEC 62321-5:2013 , 用 ICP-OES 测定镉的含量
  - (2) 参考 IEC 62321-5:2013 , 用 ICP-OES 测定铅的含量
  - (3) 参考 IEC 62321-4:2013 , 用 ICP-OES 测定汞的含量
  - (4) 参考 IEC 62321:2008, 用紫外-可见分光光度计比色法测定六价铬的含量
  - (5) 参考 IEC 62321-6:2015 , 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	003
镉(Cd)	100	mg/kg	2	ND
铅(Pb)	1000	mg/kg	2	ND
汞(Hg)	1000	mg/kg	2	ND
六价铬(CrVI)	1000	mg/kg	2	ND
多溴联苯之和(PBBs)	1000	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)	1000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND
二溴二苯醚	-	mg/kg	5	ND



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测试项目	限值	单位	MDL	003
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) 最大允许限值引用自 RoHS 指令(EU)

2015/863。IEC 62321 系列等同于 EN 62321 系

列

[http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1258637,25](http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25)

(2) 2015 年 6 月 4 号发表在欧盟官方杂志 (官方公报) 上的 RoHS 指令(EU) 2015/863 附录 II 限值中还包

括邻苯二甲酸酯 BBP, DBP, DEHP 和 DIBP。新的指令限制了电子电器产品的每一个均一材质中邻

苯二甲酸酯含量不得超过 0.1%。

(3) 2021 年 7 月 22 号开始, DEHP, BBP, DBP 和 DIBP 的限制适用于医疗器械, 包括体外医疗器械, 监

控仪表, 包括工业监测和控制仪器。

(4) DEHP, BBP, DBP 和 DIBP 的限制不适用于 2019 年 7 月 22 日前投放市场的电缆及电子电气产品中

用于维修、重复利用、功能更新及容量提升的备用配件以及 2021 年 7 月 22 日前投放市场的医疗器

械, 包括 体外医疗器械, 监控仪表, 包括工业监测和控制仪器。

(5) DEHP、BBP 和 DBP 的限制不适用于玩具产品, 因为 No.1907/2006 附录 XVII 第 51 条已对玩具

产品中的 DEHP、BBP 和 DBP 含量进行了限制。



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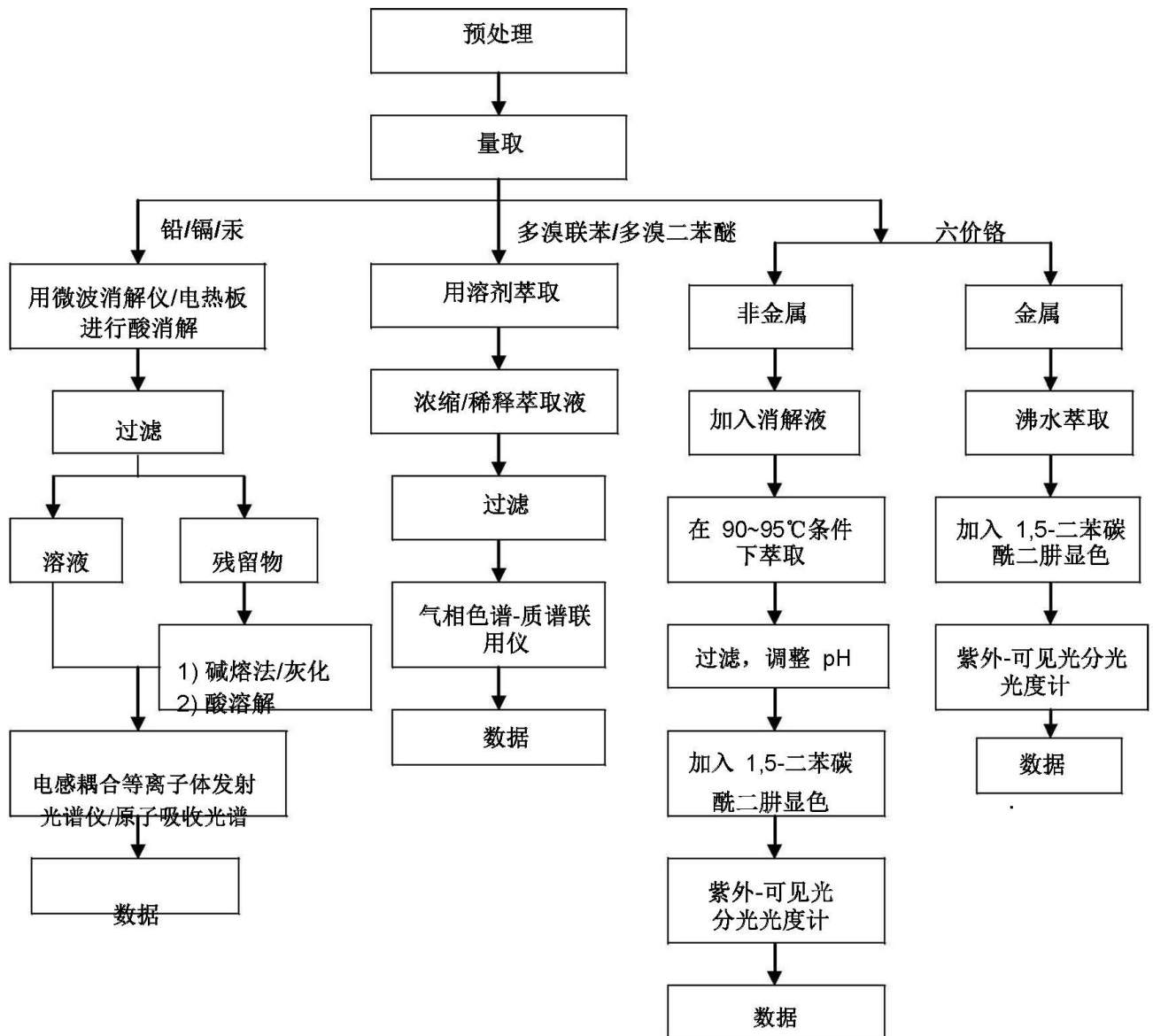
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附件

## RoHS 测试流程图

- 1) 分析人员: 金叶/徐刚/李振 /宋珂静
- 2) 项目负责人: 施青/黄婷/徐亮/王晓艳
- 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:



此照片仅限于随 SGS 正本报告使用

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