

**测试报告** No. SHAEC1303318902 日期: 2013年03月11日 第1页,共5页

东营市创新世纪光电材料有限责任公司 山东省垦利县东安工业园北环路

以下测试之样品是由申请者所提供及确认:高纯光电子级碳酸锶

SGS工作编号: SP13-005683 - SH

批号:130227主要成分:碳酸锶型号:光电子级

样品接收日期: 2013年03月08日

测试周期: 2013年03月08日 - 2013年03月11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

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JJ Fan 范晶捷 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1SHA13-033189.002白色粉末

备注:

(1) 1 mg/kg = 1 ppm = 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

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    | <u>MDL</u> | <u>002</u> |
|----------------|------|-------|------------|------------|
| 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         |

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|--------------------|-----------|---|---|--|
| <u>限值</u>          | 单位        | <u>MDL</u>  | <u>002</u>  |  |
| -                  | mg/kg     | 5   | ND  |  |
| -                  | mg/kg     | 5   | ND  |  |
| -                  | mg/kg     | 5   | ND  |  |
| -                  | mg/kg     | 5   | ND  |  |
| -                  | mg/kg     | 5   | ND  |  |
| -                  | mg/kg     | 5   | ND  |  |
| -                  | mg/kg     | 5   | ND  |  |
| -                  | mg/kg     | 5   | ND  |  |
| -                  | mg/kg     | 5   | ND  |  |
|                    | <u>限值</u> | 限值       单位         -       mg/kg         -       mg/kg | 限值     单位     MDL       -     mg/kg     5       -     mg/kg     5 | 限值         单位         MDL         002           -         mg/kg         5         ND           -         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.

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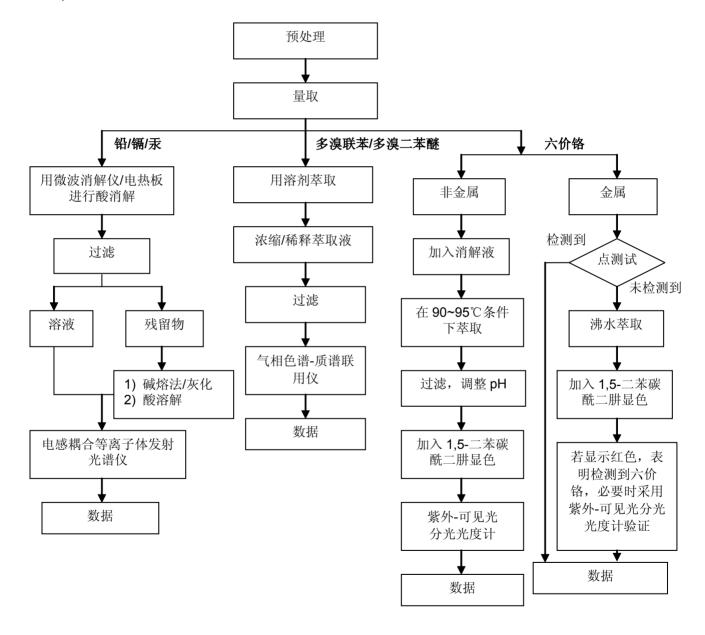
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附件

## RoHS 测试流程图

- 1) 分析人员: 施青/王彦青/肖飞/徐刚
- 2) 项目负责人: 张春华/徐亮/李丹
- 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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