



测试报告

编号: GZ0611174114/CHEM

日期: 2006 年 11 月 29 日

页码 1 of 4

江门市江海区金威光电器材厂
江门市礼乐文昌花园文苑区 30 幢

本报告是基于所提供的名称为“发光二极管 LED”的样品所做的测试

SGS 参考编号

: GZ10159668EC

收板日期

: 2006 年 11 月 23 日

测试日期

: 2006 年 11 月 23 日至 2006 年 11 月 29 日

测试要求

: 按照 RoHS 指令 2002/95/EC 及其修订文件要求进行测试。

测试方法

: 参照 IEC 62321 Ed.1 111/54/CDV 电子电器产品中限用物质含量的测定程序

(1) 用 ICP&AAS 测定镉的含量

(2) 用 ICP&AAS 测定铅的含量

(3) 用 ICP 测定汞的含量

(4) 用比色法测定六价格的含量

(5) 用 GC-MS 测定 PBBs(多溴联苯)和 PBDEs(多溴联苯醚)的含量

测试结果

: 请参见下一页

测试结论

: 基于所送样品进行的测试, 测试结果与欧盟 RoHS 指令 2002/95/EC 以及后续修正指令的要求相符。

备注

: 由于样品 1 无法拆分, 因此测试是基于申请人要求整体(部分)混合进行测试。

Signed for and on behalf of
SGS-CSTC Ltd.

Jiang YongPing, Terry
Sr. Engineer

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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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch, Chemical Laboratory

198 Kazhu Road, SCIENTECH Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663

中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555

t (86-20) 82155555

f (86-20) 82075125

f (86-20) 82075125

www.cn.sgs.com

e sgs.china@sgs.com

GZCM 1042984

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测试结果 (单位: 毫克/千克):

测试项目	参考方法	No.1	No.2	MDL	RoHS 限值
镉 (Cd)	(1)	N.D.	N.D.	2	100
铅 (Pb)	(2)	N.D.	N.D.	2	1000
汞 (Hg)	(3)	N.D.	N.D.	2	1000
碱性溶液萃取测六价铬(Cr VI)	(4)	N.D.	---	2	1000
点测试法测六价铬(Cr VI)	(4)	---	Negative	参见 注释 5	#
多溴联苯(PBBs)之和	(5)	N.D.	---	-	1000
单溴联苯		N.D.	---	5	
二溴联苯		N.D.	---	5	
三溴联苯		N.D.	---	5	
四溴联苯		N.D.	---	5	
五溴联苯		N.D.	---	5	
六溴联苯		N.D.	---	5	
七溴联苯		N.D.	---	5	
八溴联苯		N.D.	---	5	
九溴联苯		N.D.	---	5	
十溴联苯		N.D.	---	5	
多溴联苯醚(PBDEs)之和(单溴联苯 醚-九溴联苯醚) (参见注释 4)		N.D.	---	-	1000
单溴联苯醚		N.D.	---	5	
二溴联苯醚		N.D.	---	5	
三溴联苯醚		N.D.	---	5	
四溴联苯醚		N.D.	---	5	
五溴联苯醚		N.D.	---	5	
六溴联苯醚		N.D.	---	5	
七溴联苯醚		N.D.	---	5	
八溴联苯醚		N.D.	---	5	
九溴联苯醚		N.D.	---	5	
十溴联苯醚		N.D.	---	5	
多溴联苯醚(PBDEs)之和 (单溴联苯醚-十溴联苯醚)		N.D.	---	-	-

测试部件描述:

No.1 透明本体 (混合)

No.2 银色金属脚

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SGS-CTI Standards Technical Services Co., Ltd.
Guangzhou Branch Chemical Laboratory

198 Kezhu Road, SCIENTECH Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555

f (86-20) 82075125

www.cn.sgs.com

t (86-20) 82155555

f (86-20) 82075125

e sgs.china@sgs.com

GZCM 1029444

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注释: 1. 毫克/千克 = ppm

2. N.D.= 未检出 (< MDL)

3. MDL = 方法检测限

4. 一溴联苯醚到九溴联苯醚之和。按照 2005/717/EC 十溴联苯醚可豁免。

5. 点测试:

Negative = 未检测到六价铬, Positive = 检测到六价铬;

(如果点测试结果不能确认, 测试样品将进一步由沸水萃取法进行测试)。

沸水萃取法:

Negative = 未检测到六价铬

Positive = 检测到六价铬; 每 50cm² 表面积的被测试样品的沸水萃取液中六价铬的浓度等于或大于 0.02mg/kg。

6. # Positive = 阳性, 表示结果与 RoHS 要求相抵触

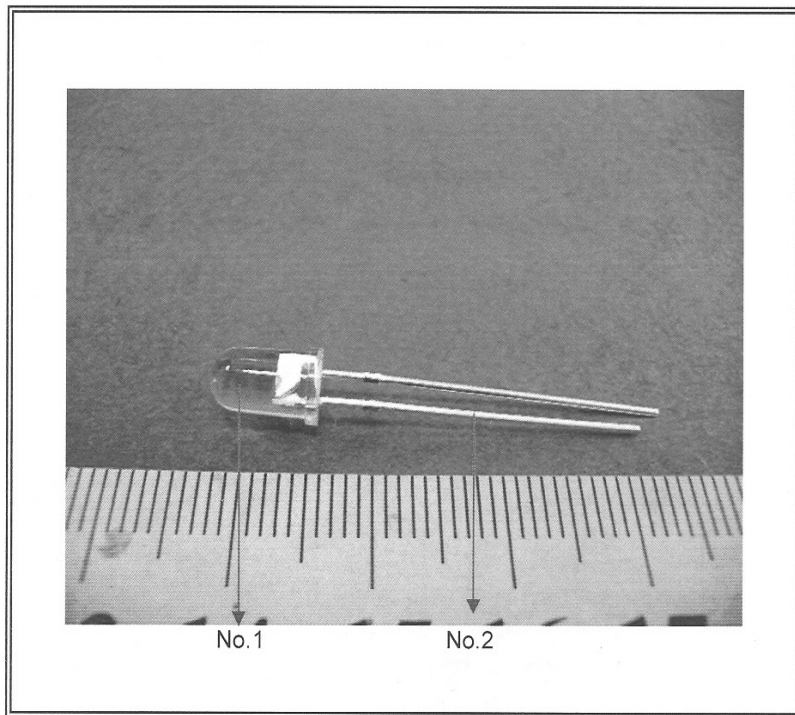
Negative = 阴性, 表示结果与 RoHS 要求不相抵触

7. "-" = 未规定

8. "---" = 未检测

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样品照片:



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