



深 圳 市 ( 锦 凌 ) 电 子 有 限 公 司  
SHENZHEN(JILN)ELECTRONIC CO., LTD

# 承 认 书

## SPECIFICATION FOR APPROVAL

客户 (CUSTOMER): 凯雀  
品名 (DESCRIPTION): 2.54PH 1xPin H2.5 L8.5 180度  
料号 (PARTNO):  
日期 (DATE): 2011.12.27  
编号 (NO.): JL-11-12-27-3

工程部 ENGINEER DEPT	品管部 QA DEPT	审核 APPROVED BY
黄振珊	张慧	曾春明

贵公司承认后, 请回签一份给厂司. 谢谢!

KINDLY RETURN ONE COPY OF THE SPECIFICATION AFTER APPROVAL

核对 CHECKED BY	确认 APPROVED BY

ADD: 深圳市宝安区西乡镇九围洲石路旁骏亿工业园B栋四楼

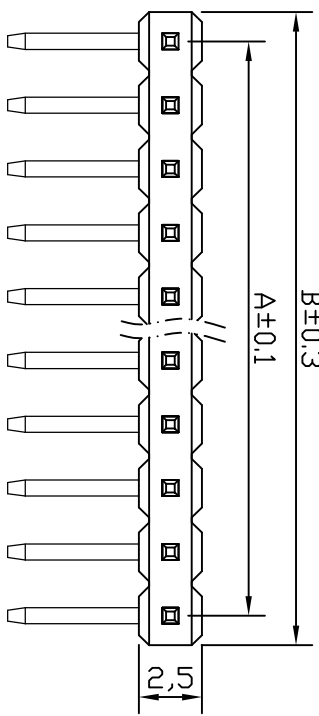
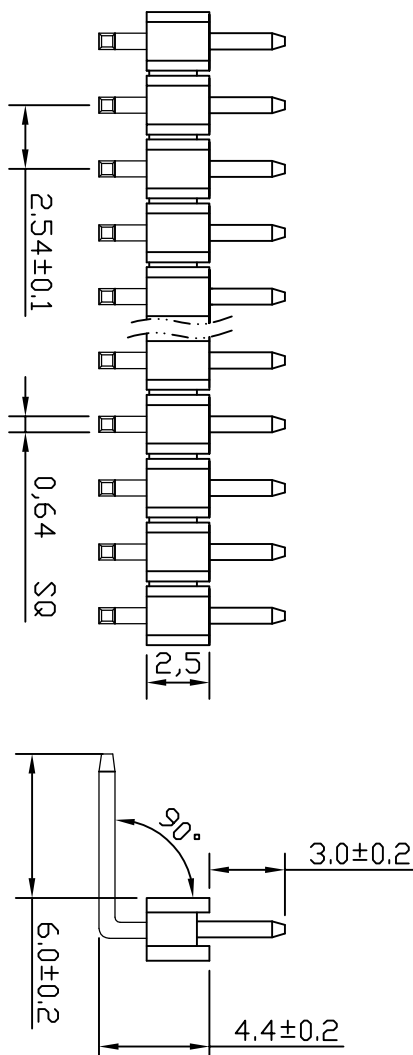
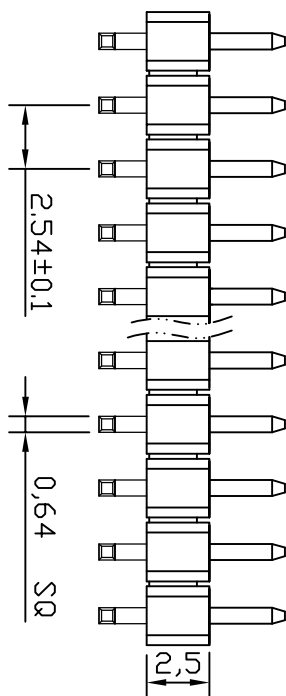
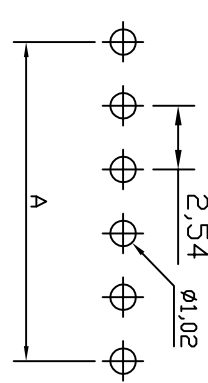
TEL: 0755-27483253 27483275

FAX: 0755-29975588

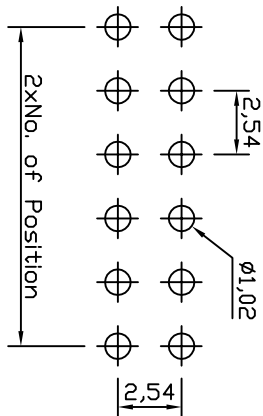
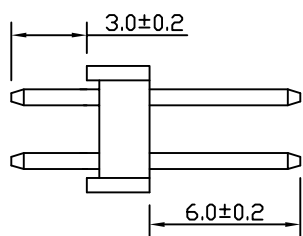
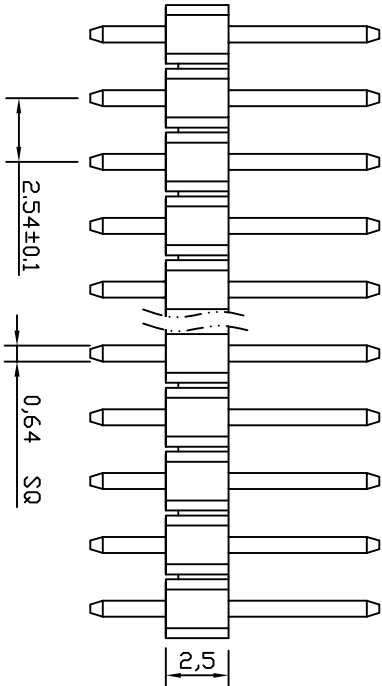
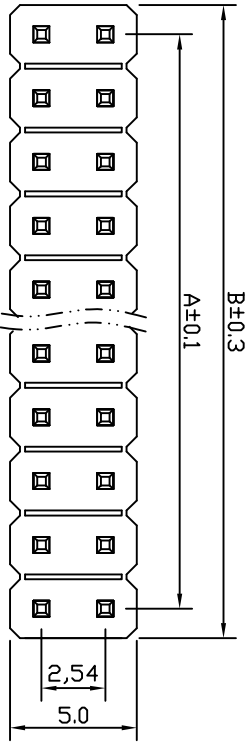
HTTP: [www.szjiln.com](http://www.szjiln.com)

E-MAIL: Jin ling dz@jin ling dz.com



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G		SPECIFICATIONS															
F		Current Rating: 3Amps Insulation Resistance: 1000MΩ Min Contact Resistance: 20mΩ Max Withstanding Voltage: AC 1000V Operation Temperature: -40°to+ 105° Contact Material: Brass Insulator Material: Polyester(UL 94V-0) Standard: PBT															
E																	
D																	
C																	
B		Recommended P.C.B Hole Layout															
A																	
G		UNLESS OTHERWISE SPECIFIED TOLERANCE															
F		ANG ±5°															
E		0 ±0.3															
D		.00 ±0.15															
C		SCALE UNIT mm															
B		DRAWN 李北林 19/02/08															
A		CHECKED															
G		APPROVED															
F		SIZE A4 REV A															
E		PRODUCT NO.															
D		Pin header 2.54mm*2.5mm															
C		DRAWN NAME															
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No. of DIMENSIONS								
Contacts	A	B						
2	2.54	5.08						
3	5.08	7.62						
4	7.62	10.16						
5	10.16	12.70						
6	12.70	15.24						
7	15.24	17.78						
8	17.78	20.32						
9	20.32	22.86						
10	22.86	25.40						
11	25.40	27.94						
12	27.94	30.48						
13	30.48	33.02						
14	33.02	35.56						
15	35.56	38.10						
16	38.10	40.64						
17	40.64	43.18						
18	43.18	45.72						
19	45.72	48.26						
20	48.26	50.80						
21	50.80	53.34						
22	53.34	55.88						
23	55.88	58.42						
24	58.42	60.96						
25	60.96	63.50						
26	63.50	66.04						
27	66.04	68.58						
28	68.58	71.12						
29	71.12	73.66						
30	73.66	76.20						
31	76.20	78.74						
32	78.74	81.28						
33	81.28	83.82						
34	83.82	86.36						
35	86.36	88.90						
36	88.90	91.44						
37	91.44	93.98						
38	93.98	96.52						
39	96.52	99.06						
40	99.06	101.60						





SPECIFICATIONS

Current Rating: 3Amps  
Insulation Resistance: 1000MΩ Min  
Contact Resistance: 20mΩ Max  
Withstanding Voltage: AC 1000V  
Operation Temperature: -40°to+ 105°  
Contact Material: Brass  
Insulator Material: Polyester(UL 94V-0)  
Standard: PBT

检验以此为准!



UNLESS OTHERWISE SPECIFIED TOLERANCE		DRAWING NAME	
ANG	±5°	深圳市锦凌电子有限公司 ShenZhen nestech Electronics Ltd 电话: 86-0755-2748-3253 传真: 86-0755-2997-5588	
0	±0.3		
.00	±0.15 ±0.05		
SCALE	UNIT	DRAWING NAME	
	mm	Pin header 2.54mm*2.5mm	
DRAWN	李北林	17/01/08	
CHECKED			
APPROVED	/	PRODUCT NO.	
		FILE NAME:	

				DRAWN		mm			
				李北林		17/01/08		DRAWN NAME Pin header 2.54mm*2.5mm	
				CHECKED					
				APPROVED		/		/	
2. 54PH 2*NPin H2.5 180 ° L11. 5mm				JL-OK-723				PRODUCT NO.	
								SIZE A4	
								REV A	
								FILE NAME:	
1				2		3		4	
5				6		7		8	
9									

1		2	3	4	5	6	7	8	9
G									
	SPECIFICATIONS								
F	Current Rating: 3Amps								
	Insulation Resistance: 1000M $\Omega$ Min								
E	Contact Resistance: 20m $\Omega$ Max								
	Withstanding Voltage: AC 1000V								
D	Operation Temperature:-40°to+ 105°								
	Contact Material: Brass								
C	Insulator Material: Polyester(UL 94V-0)								
	Standard: PBT								
B									
A									

No. of Contacts	A	B
1	2.54	5.08
2	5.08	7.62
3	7.62	10.16
4	10.16	12.70
5	12.70	15.24
6	15.24	17.78
7	17.78	20.32
8	20.32	22.86
9	22.86	25.40
10	25.40	27.94
11	27.94	30.48
12	30.48	33.02
13	33.02	35.56
14	35.56	38.10
15	38.10	40.64
16	40.64	43.18
17	43.18	45.72
18	45.72	48.26
19	50.80	53.34
20	53.34	55.88
21	55.88	58.42
22	60.96	63.50
23	63.50	66.04
24	66.04	68.58
25	71.12	73.66
26	73.66	76.20
27	76.20	78.74
28	81.28	83.82
29	83.82	86.36
30	86.36	88.90
31	88.90	91.44
32	91.44	93.98
33	93.98	96.52
34	96.52	99.06
35	99.06	101.60

Recommended P.C.B Hole Layout

							mm			
							DRAWN		DRAWING NAME	
							李北林		Pin header 2.54mm*2.5mm	
							17/01/08			
							CHECKED			
							JL-OK-723		PRODUCT NO.	
							APPROVED		FILE NAME:	
									SIZE	
									A4	
									REV	
									A	
									8	
									9	

# 东莞市塑通塑胶五金有限公司

DONG GUAN SUTONG PLASTICS METAL PRODUCE CO ; LTD

物 性 表 TABLE PROPERTIES			
	21129		
规 格:	PBT加纤25% BK 环保防火料		
PBT特性:	本产品具有优良之耐化学性, 耐候性, 电器特性; 结晶快, 耐热性好, 易成型; 长期使用温度120℃-140℃		
性能 PERFORMANCE	测试方法 TEST METHOD	单位 UNITS	参数 PARAMETERS
玻璃含纤 GLASS-FIBER	燃烧法	%	25.2
流动性 LIQUIDITY	GB/T1043	g	19.9
燃烧性 FLAMM ABILITY	U. L-94	-	V0
模收缩率 DIE SHRINDAGE RATE	ASTMD-955	%	0.63
拉伸强度 TENSILE STRENGTH	ASTMD-638	Mpa	70.9
伸长率 ELONGATION	ASTMD-638	%	6.14
弯曲强度 FLEXURAL STRENGTH	ASTMD-790	Mpa	97.5
缺口冲击强度 IZOD IMPACT STRENGTH	ISO179	KJ/m <sup>2</sup>	3.90

本表数据仅供参考使用。

审核: \_\_\_\_\_

制表: 胡娟 \_\_\_\_\_

日期: \_\_\_\_\_

# 佛山市三环铜业有限公司产品品质保证书

本保证书希妥善保管,如对我公司的产品品质有异议,持保证书在一个  
个月内与我公司联系,本公司将竭诚为您服务.

客户名称 科 特 ※

结算单号 QBB-518 ※

发货日期 2011-4-17※

产品批号 A001 ※

产品名称 黄铜带 ※

产品牌号 h65 ※

产品规格 0.4\*15.5

产品状态 Y ※

产品数量 25件 ※

产品重量 1058.58 ※

质保部长 李娜 ※

检验员: 邓招秀 ※

执行标准: GB/T2059-2000

化学成分(%):

铜Cu	65.09	锌Zn	余量	铁Fe	0.003
锡Sn		磷P	/	铅Pb	0.003
铋Sb	/	硅Si	/	铋Bi	/
镍Ni	/	锰Mn	/	铝Al	/
银Ag	—/—	砷As	/	杂项总合	〈0.02

物理性能

抗拉强度N/mm2	639.1	延伸率%	/
杯突值	/	维氏硬度HV	182

表面质量与公差(mm):

厚度公差: ±0.005 宽度公差: 表面质量: 合格 OK

填表员: 麦建群 填表日期: 2009-10-16

# 东莞市塑通塑胶五金有限公司

## 物质安全资料表 (MSDS)

### 一、物品与厂商资料

物品名称: PBT环保料
物品编号: PBTR301-G25
供应商名称: 东莞市塑通塑胶五金有限公司
供应商地址: 东莞市虎门镇龙眼工业区
供应商电话: 0769-85527166, 85527266/85526599
联系人: 胡小姐
传真电话: 0769-85528599

### 二、成分辨认资料

纯物质:

中文名称: 聚对苯二甲酸丁二醇酯
化学式: $[\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{O}-\text{C}-\text{C}-\text{O}]_n$
化学文摘社登记编号 (CASNo): 26062-94-2
危害物质成分 (成分百分比): 无

混合物:

化学物质:		
危害物质成分之中英文名称	浓度或浓度范围 (成百分比)	危害物质CAS号码
PBT树脂	56%	26062-94-2
偶联剂	0.1%	2530-83-8
增韧剂	5%	632-51-9
玻纤	25%	65997-17-3
阻燃剂	12%	68928-70-1
色母	2%	1333-86-4

### 三、危害辨认资料

重要危害效应	健康危害效应: 不可食用
	环境影响: 环保产品, 低铅低镉 (Pb<100ppm, Cd<1000ppm)
	, Hg<1000ppm, Cr6+<1000ppm
	PBDEs<1000ppm PBB<1000ppm
	物理性及化学性危害: 受热分解或燃烧发出有毒性气体。
	特殊危害: 无
主要症状: 误食后引起呕吐, 腹胀或中毒现象	
物品危害分类:	

### 四、急救措施

不同暴露途径之急救方法:
· 吸入: 将患者移至通风处, 休息立即送医,
· 皮肤接触: 快速用大量冷水冲洗
· 眼睛接触: 用水冲洗眼睛至少15分钟



· 食入:催吐, 喝水漱口, 若有不适立即送医。
最重要症状及危害效应: 无
对急救人员防护: 无
对医师之提示: 无

## 五、灭火措施

适用灭火剂: 水、二氧化碳、化学干粉
灭火时可能遭遇之特殊危害: 燃烧或高温产生HCl有毒气体造成空气污染
特殊灭火程式: 无
消防人员之特殊防护设施: 使用供氧式呼吸防护具

## 六、泻漏处理方法

个人应注意事项: 无
环境注意事项: 为防止鸟类或鱼类由排水系统中摄食, 须彻底回收。
清理方法: 回收或废弃

## 七、安全处置与储存方法

处置: 避免类似化学物质长期紧密接触, 不可在高于产品所示额定温度环境内长期放置及使用 非特殊产品与油类, 有机类三类物质长期接触。
储存: 存放于风凉处所 避免存放于酸性及碱性环境中。 严禁烟火

## 八、暴露预防措施

工程控制: 无
控制参数: 无
· 八小时日时量平均容许浓度/短时间时量平均容许浓度/最高容许浓度:
· 生物指标: 无
个人防护设施:
· 呼吸防护: 无
· 手部防护: 无
· 眼睛防护: 无
· 皮肤及身体防护: 无
· 卫生措施: 无

## 九、物理及化学性质

物质状态: 固态	形状: 粒状
颜色: 黑色	气味: 无味
pH值: 中性	沸腾/沸点范围: 无
分解温度: 280℃	开火点: 无 测试方法: 无
自燃温度: 300℃	爆炸界限: 无
蒸气压: <0.02hpa(at22℃) (塑胶)	蒸气密度: 无
密度: 1.5g/cm <sup>3</sup> (at22℃) (塑胶) 8.89g/cm <sup>3</sup> (Cu)	溶解度: 0.52%(at22℃) (塑胶)

## 十、安定性及反应性

安定性：依一般操作及储存程式时,安定性佳。

特殊状况下可能危害反应：无

应避免之状况：高温及酸性环境

应避免之物质：强酸、火

危害分解物：CO, CO<sub>2</sub>, HCl

## 十一、毒性资料

危害性：无

局部效应：无

致敏感性：无

慢毒性或长期毒性：无

特殊效应：无

## 十二、生态资料

可能之环境影响：无

## 十三、厂商处置方法

厂商处置方法：出售，回收或再利用

## 十四、运送资料

国际运送规定：无

移动与储存：在通风与干燥状态

国内运送规定：无

特殊运送方法及注意事项：运送过程中不能有碰撞及挤压

## 十五、法规资料

适用法规：

劳工安全卫生设施规则

危害及有害物质通认规则

## 十六、其他资料

参考文献	
制表单位	东莞市塑通塑胶五金有限公司
制表人	胡娟
制表日期	2011-12-23

注：上述资料已力求正确，但错误恐仍难免，各项数据与资料仅供参考，使用者请依应用需求自行判断。

## Test Report

No. CANEC1111418601

Date: 05 Dec 2011

Page 1 of 5

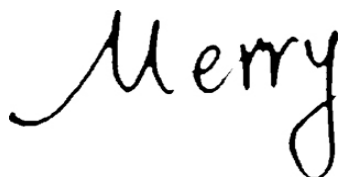
DONGGUAN SUTONG PLASTIC METAL CO.,LTD

79# LONGYAN INDUSTRIAL HUMEN TOWN DONGGUAN CITY  
CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : PBT plastic grains

SGS Job No. : CP11-011186 - GZ  
Date of Sample Received : 30 Nov 2011  
Testing Period : 30 Nov 2011 - 05 Dec 2011  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

Signed for and on behalf of  
SGS-CSTC Ltd.



Merry Lv  
Approved Signatory

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SGS-CTC Standards Technical Services Co., Ltd.  
Guangzhou Branch

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075113 www.cn.sgs.com  
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) 82075113 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

# Test Report

No. CANEC1111418601

Date: 05 Dec 2011

Page 2 of 5

Test Results :

## Test Part Description :

Specimen No.	SGS Sample ID	Description
1	CAN11-114186.001	Black plastic grains

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

## Elementary Analysis & Flame Retardants

Test Method : With reference to IEC 62321:2008

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
- (5) Determination of PBBs / PBDEs content by GC-MS.

Test Item(s)	Unit	MDL	001
Cadmium (Cd)	mg/kg	2	ND
Lead (Pb)	mg/kg	2	13
Mercury (Hg)	mg/kg	2	ND
Hexavalent Chromium (CrVI)	mg/kg	2	ND
Sum of PBBs	mg/kg	-	ND
Monobromobiphenyl	mg/kg	5	ND
Dibromobiphenyl	mg/kg	5	ND
Tribromobiphenyl	mg/kg	5	ND
Tetrabromobiphenyl	mg/kg	5	ND
Pentabromobiphenyl	mg/kg	5	ND
Hexabromobiphenyl	mg/kg	5	ND
Heptabromobiphenyl	mg/kg	5	ND
Octabromobiphenyl	mg/kg	5	ND
Nonabromobiphenyl	mg/kg	5	ND
Decabromobiphenyl	mg/kg	5	ND
Sum of PBDEs	mg/kg	-	ND
Monobromodiphenyl ether	mg/kg	5	ND

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# Test Report

No. CANEC1111418601

Date: 05 Dec 2011

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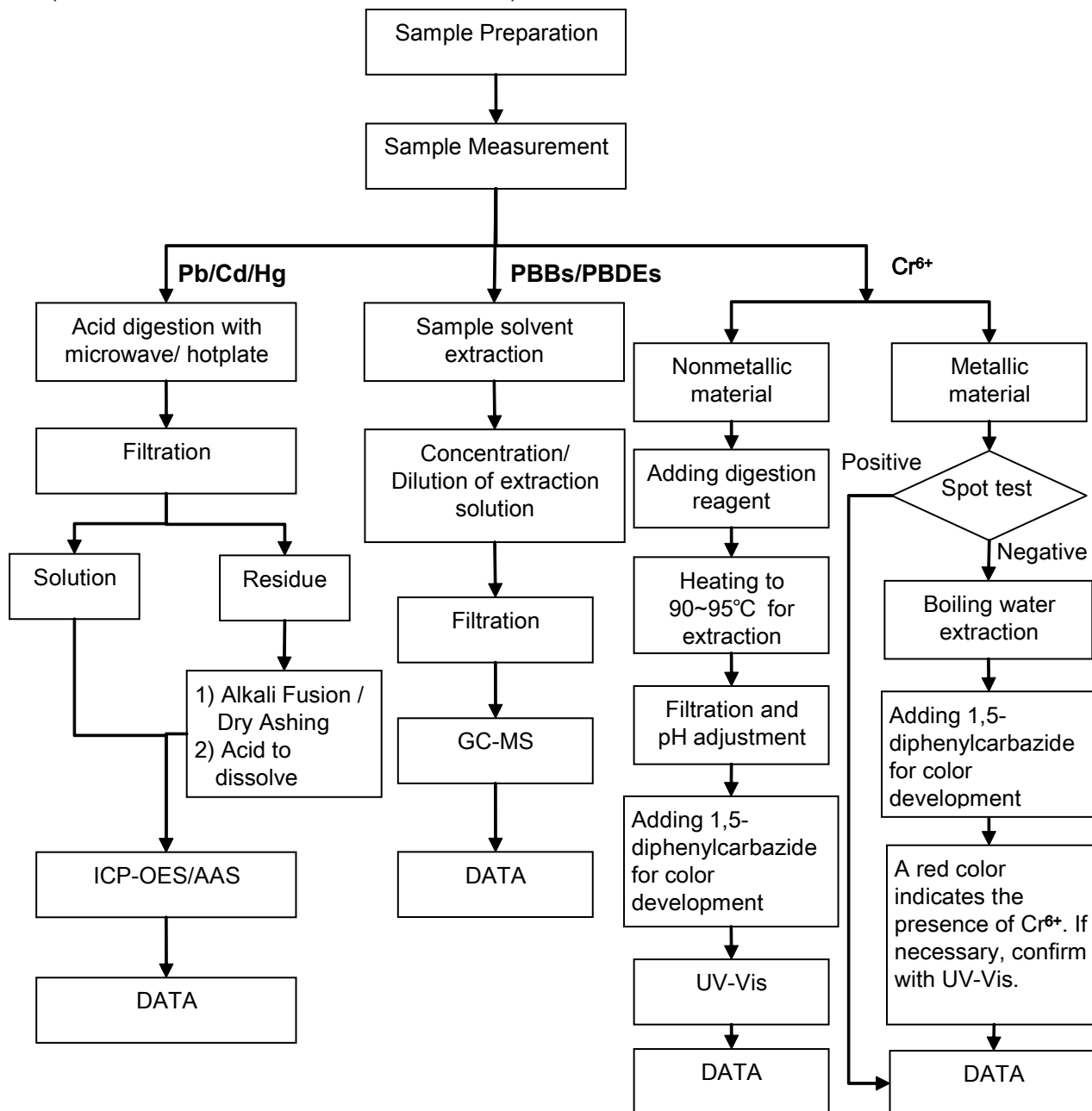
<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Dibromodiphenyl ether	mg/kg	5	ND
Tribromodiphenyl ether	mg/kg	5	ND
Tetrabromodiphenyl ether	mg/kg	5	ND
Pentabromodiphenyl ether	mg/kg	5	ND
Hexabromodiphenyl ether	mg/kg	5	ND
Heptabromodiphenyl ether	mg/kg	5	ND
Octabromodiphenyl ether	mg/kg	5	ND
Nonabromodiphenyl ether	mg/kg	5	ND
Decabromodiphenyl ether	mg/kg	5	ND

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### ATTACHMENTS

#### RoHS Testing Flow Chart

- 1) Name of the person who made testing: Bella Wang / Cutey Yu / Ross Zhan
- 2) Name of the person in charge of testing: Adams Yu / Ryan Yang
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr<sup>6+</sup> and PBBs/PBDEs test method excluded).



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## Test Report

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Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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## 测试报告

No. CANEC1100995502

日期: 2011年03月29日 第1页,共6页

佛山市禅城区三铜铜带经营部  
中国佛山市禅城区佛山大桥原收费站东侧

以下测试之样品是由申请者所提供及确认:

C2680

SGS工作编号	:	13024904 - GZ
SGS内部编号	:	6.2
样品接收日期	:	2011年03月23日
测试周期	:	2011年03月23日 - 2011年03月29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	:	A: 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 <b>相符</b> 。

通标标准技术服务有限公司  
授权签名



Alpher Qiu丘尽花  
批准签署人

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## 测试报告

No. CANEC1100995502

日期: 2011年03月29日 第2页,共6页

### 测试结果:

样品1 ID : CAN11-009955.001  
样品1描述 : 黄铜色金属片

### A: RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321:2008, ICP-OES	3	2	100
铅 (Pb)	mg/kg	IEC 62321:2008, ICP-OES	33	2	1000
汞 (Hg)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	1000
沸水萃取法测六价铬 (CrVI)	-	IEC 62321:2008, UV-Vis	Negative	◇	#
多溴联苯(PBBs)之和	mg/kg	-	N.D.	-	1000
单溴联苯	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
二溴联苯	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
三溴联苯	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
四溴联苯	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
五溴联苯	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
六溴联苯	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
七溴联苯	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
八溴联苯	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
九溴联苯	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
十溴联苯	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
多溴二苯醚(PBDEs)之和	mg/kg	-	N.D.	-	1000
单溴二苯醚	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
二溴二苯醚	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
三溴二苯醚	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
四溴二苯醚	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
五溴二苯醚	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
六溴二苯醚	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
七溴二苯醚	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
八溴二苯醚	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
九溴二苯醚	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
十溴二苯醚	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	

### 注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. ◇=点测试:

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

(如果点测试结果为Negative或不能确认, 测试样品需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50cm<sup>2</sup>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。

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## 测试报告

No. CANEC1100995502

日期: 2011年03月29日 第3页,共6页

由于未获知样品的存储条件和生产日期,样品的六价铬测试结果仅能代表测试时样品含六价铬的状态。

5. # Positive = 阳性

Negative = 阴性

6. "-" = 未规定

7. 多溴二苯醚 = 多溴联苯醚

### **B: 全氟辛酸(PFOA)和全氟辛烷磺酸(PFOS)**

测试项目	单位	测试方法 (参考)	测试结果	MDL
全氟辛酸 (PFOA)	mg/kg	EPA 3550C: 2007, LC-MS	N.D.	10
全氟辛烷磺酸 (PFOS)	mg/kg	EPA 3550C: 2007, LC-MS	N.D.	10
PFOS – 酸				
PFOS – 金属盐				
PFOS – 胺				

注释:

1. mg/kg = ppm

2. N.D. = 未检出 (< MDL)

3. MDL = 方法检测限

参考: 1907/2006/EC的修正指令——552/2009/EC第53条(前身为2006/122/EC)的要求:

(1) PFOS比重等于或高于0.005%的物料或者配置品,不得使用或者投放市场。

(2) PFOS比重等于或高于0.1%的半成品,成品或者部件;以及PFOS含量等于或高于1微克/平方米的纺织物或其他带涂层物料,不得投放市场。

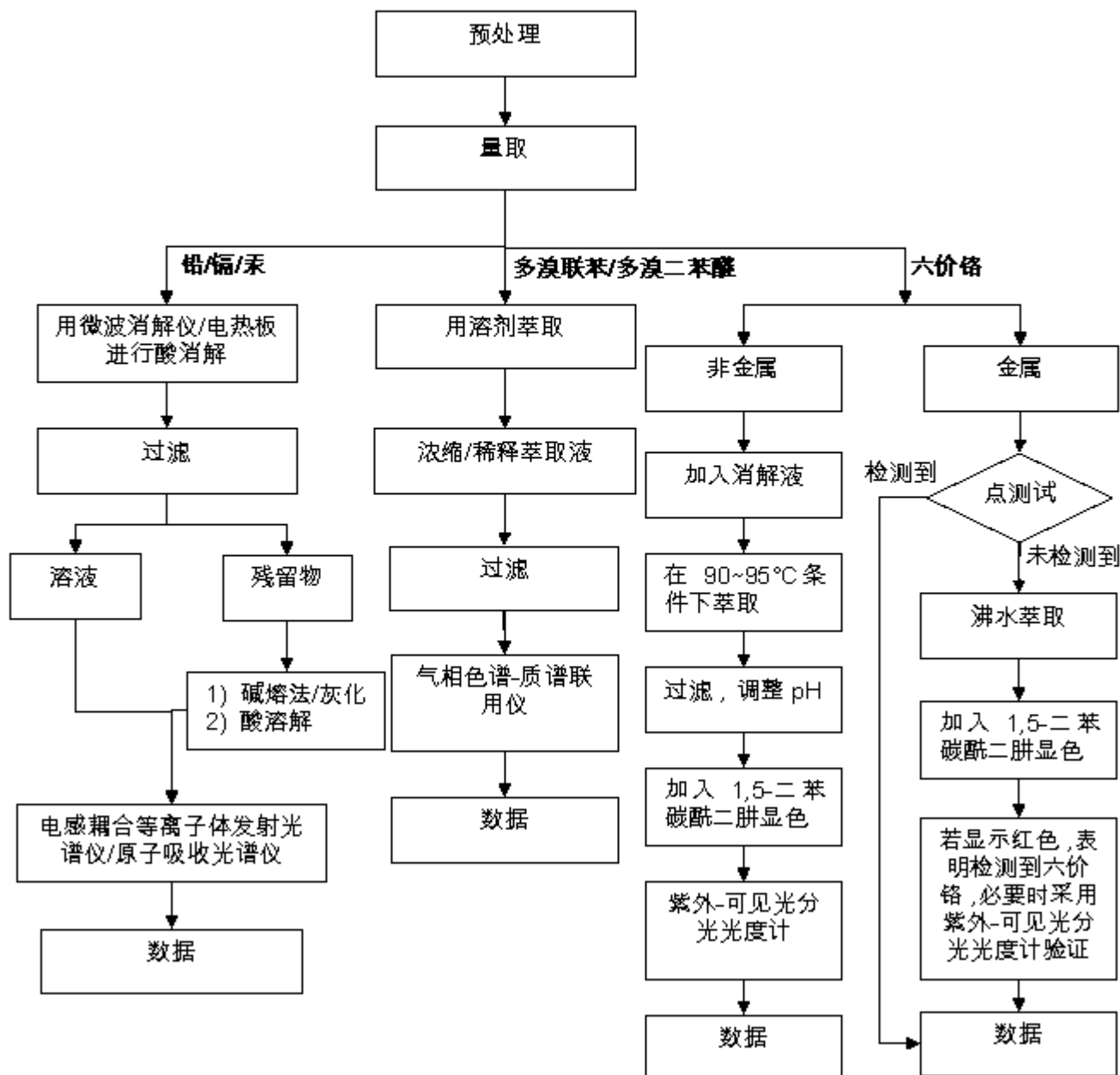
备注:本测试报告内容是参照报告编号为CANEC1100995501的中文译本,中英文版本如有歧异,概以英文版为准。

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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)。

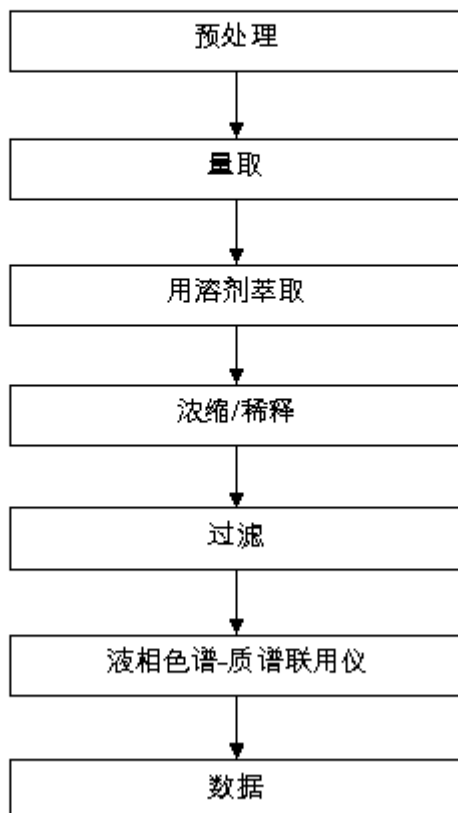


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### 附件

### PFOA / PFOS 测试流程图

- 1) 分析人员: 黄少婵
- 2) 项目负责人: 杨伟兴



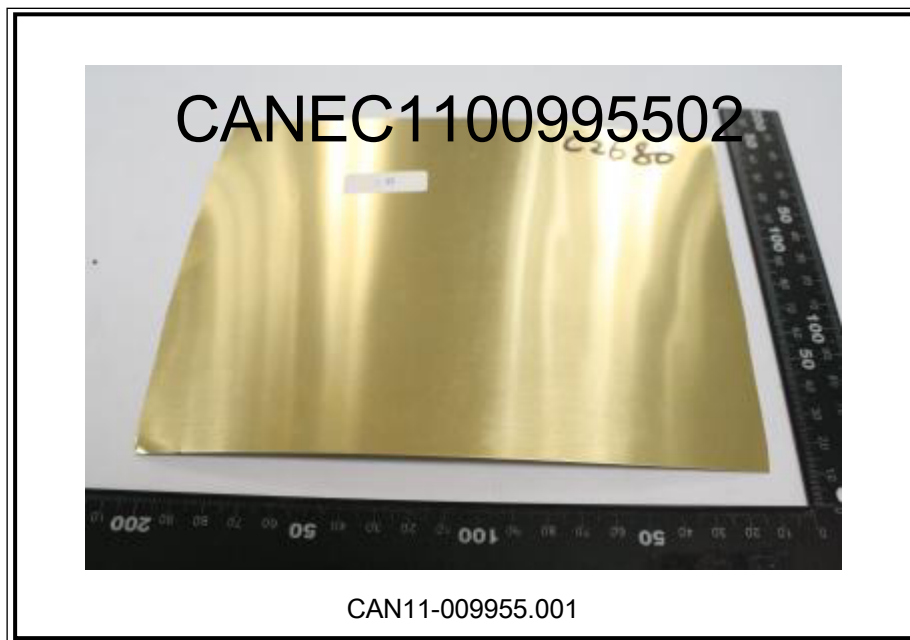
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## 测试报告

No. CANEC1100995502

日期: 2011年03月29日 第6页,共6页

样品照片:



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## 测试报告

No. CANEC1102078206

日期: 2011年06月03日 第1页,共4页

深圳市嘉鸿泰实业有限公司  
中国深圳市宝安区沙井镇共和村第六工业区A区1栋2楼

以下测试之样品是由申请者所提供及确认:

电镀层

SGS工作编号 : 13163504 - GZ  
SGS内部编号 : 6.6  
样品接收日期 : 2011年05月31日  
测试周期 : 2011年05月31日 - 2011年06月03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, 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**。

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Alpher Qiu丘尽花  
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Guangzhou Testing Service Center Chemical Laboratory

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## 测试报告

No. CANEC1102078206

日期: 2011年06月03日 第2页,共4页

### 测试结果:

样品1 ID : CAN11-020782.003  
样品1描述 : 带银灰色镀层的金属

### RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	100
铅 (Pb)	mg/kg	IEC 62321:2008, ICP-OES	44	2	1000
汞 (Hg)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	1000
沸水萃取法测六价铬 (CrVI)	-	IEC 62321:2008, UV-Vis	Negative	◇	#

### 注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. ◇ = 点测试:

Negative = 未检测到六价铬, Positive = 检测到;  
(如果点测试结果为Negative或不能确认, 测试样品需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50cm<sup>2</sup>表面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。

由于未获知样品的存储条件和生产日期, 样品的六价铬测试结果仅能代表测试时样品含六价铬的状态。

5. # = Positive = 阳性  
Negative = 阴性
6. "-" = 未规定

备注:本测试报告内容是参照报告编号为CANEC1102078205的中文译本, 中英文版本如有歧异, 概以英文版为准。

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## 测试报告

No. CANEC1102078206

日期: 2011年06月03日 第4页,共4页

样品照片:



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Guangzhou Economic & Technology Development District

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## 测试报告

No. CANEC1102078202

日期: 2011年06月03日 第1页,共4页

深圳市嘉鸿泰实业有限公司  
中国深圳市宝安区沙井镇共和村第六工业区A区1栋2楼

以下测试之样品是由申请者所提供及确认:

金镀层

SGS工作编号 : 13163504 - GZ  
SGS内部编号 : 6.2  
样品接收日期 : 2011年05月31日  
测试周期 : 2011年05月31日 - 2011年06月03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, 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**。

通标标准技术服务有限公司  
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## 测试报告

No. CANEC1102078202

日期: 2011年06月03日 第2页,共4页

### 测试结果:

样品1 ID : CAN11-020782.001  
样品1描述 : 带金色镀层的金属

### RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	100
铅 (Pb)	mg/kg	IEC 62321:2008, ICP-OES	44	2	1000
汞 (Hg)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	1000
沸水萃取法测六价铬 (CrVI)	-	IEC 62321:2008, UV-Vis	Negative	◇	#

### 注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. ◇ = 点测试:

Negative = 未检测到六价铬, Positive = 检测到;

(如果点测试结果为Negative或不能确认, 测试样品需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50cm<sup>2</sup>表面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。

由于未获知样品的存储条件和生产日期, 样品的六价铬测试结果仅能代表测试时样品含六价铬的状态。

5. # = Positive = 阳性  
Negative = 阴性
6. "-" = 未规定

备注:本测试报告内容是参照报告编号为CANEC1102078201的中文译本, 中英文版本如有歧异, 概以英文版为准。

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## 测试报告

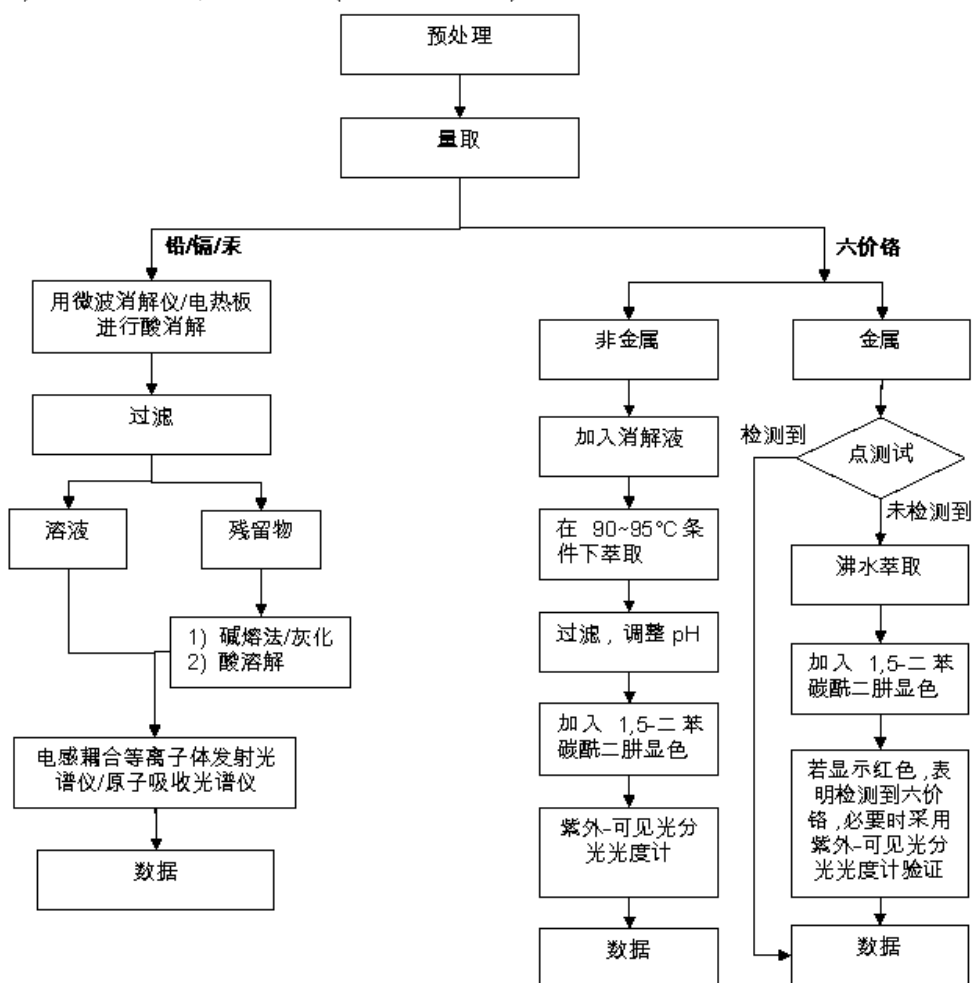
No. CANEC1102078202

日期: 2011年06月03日 第3页,共4页

### 附件

### RoHS 测试流程图

- 1) 分析人员: 汪丹 / 詹达琦
- 2) 项目负责人: 余奕东
- 3) 样品按照下述流程被完全消解 (六价铬测试除外)。



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样品照片:



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