

# SGS Material Reports

Date: 12.April.2011

# Part NO.:SDR0604 series

No.	Construction Element (subpart)	Homogeneous Material	SGS report	Page
1	Adhesive	UV-C110	ADHESIVE [2011.03.17].PDF	4 pages
2	Ferrite Material	F4D	CORE [2010.10.17].pdf	6 pages
3	Solder	Lead free-solder	SOLDER[ 2010.12.31].PDF	4 pages
4	Winding Wire	P180-G2	WIRE [2010.11.29].pdf	8 pages
			plating Ag[2010.11.23].pdf	6pages
5	Terminal	Plating metal	plating Ni[2010.09.03].pdf	4 pages
				4 pages



No. CANEC1100810802 Date: 17 Mar 2011 Page 1 of 4

GUANGZHOU POCHELY ELECTRONIC MATERIALS CO.,LTD NO.12 XIANTANG ROAD,YONGHE ECONOMIC ZONE LUOGANG DISTRICT GUANGZHOU CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as: UV胶

SGS Job No. : 13007562 - GZ

SGS Internal Reference No. : 2.2

Date of Sample Received : 14 Mar 2011

Testing Period : 14 Mar 2011 - 17 Mar 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).

Conclusion : Based on the performed tests on submitted sample(s), the results comply

with the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of SGS-CSTC Ltd.

Almay Gao

Approved Signatory

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No. CANEC1100810802

Date: 17 Mar 2011

Page 2 of 4

Test Results:

ID for specimen 1 : CAN11-008108.001 Description for specimen 1 : Lt-yellow paste

### RoHS Directive 2002/95/EC

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium (Cd)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	100
Lead (Pb)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	1000
Mercury (Hg)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	1000
Hexavalent Chromium (CrVI) by	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
alkaline extraction					
Sum of PBBs	mg/kg	-	N.D.	-	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Sum of PBDEs	mg/kg	•	N.D.	35 <del>4</del> 3	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	

#### Note:

- 1. mg/kg = ppm
- 2. N.D. = Not Detected (< MDL)
- 3. MDL = Method Detection Limit
- 4. "-" = Not regulated

Remark: The result(s) shown is/are of the total weight of dried sample.

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No. CANEC1100810802

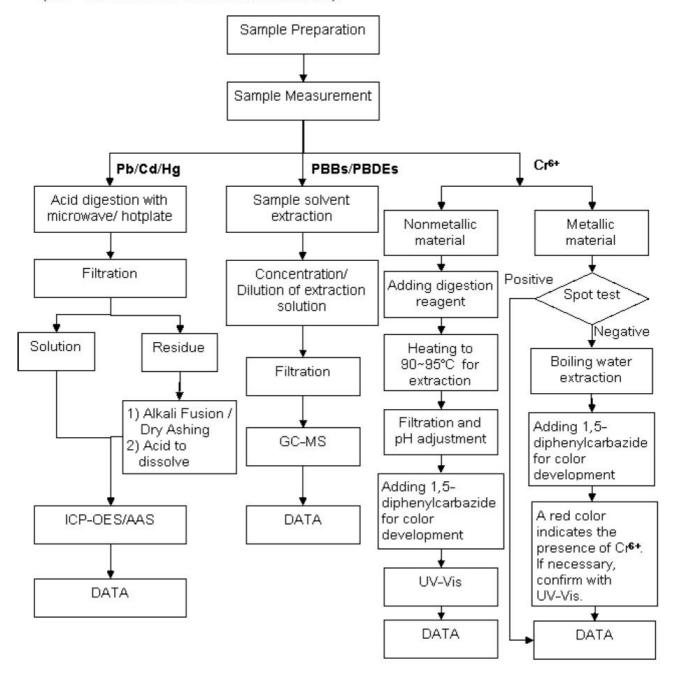
Page 3 of 4

Date: 17 Mar 2011

#### 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 (Cr6+ and PBBs/PBDEs test method excluded).



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No. CANEC1100810802 Date: 17 Mar 2011 Page 4 of 4

## Sample photo:



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Test Report No. CANEC1004730307 Date: 17 Nov 2010 Page 1 of 6

SINCORES ELECTRONICS (D.G.) CORP.
XIANG SHAN INDUSTRIAL PARK,DA LANG TOWN,DONG GUAN CITY
CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : R5Amaterials ferrite cores

SGS Job No. : 12828490 - GZ

SGS Internal Reference No. : 8.7

Date of Sample Received : 11 Nov 2010

Testing Period : 11 Nov 2010 - 17 Nov 2010

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).

Conclusion : A: Based on the performed tests on submitted sample(s), the results comply

with the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of SGS-CSTC Ltd.

Almay Gao

Approved Signatory

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**Test Report** No. CANEC1004730307 Date: 17 Nov 2010 Page 2 of 6

Test Results:

ID for specimen 1 : CAN10-047303.007

Description for specimen 1 : Dk-grey core

## A: RoHS Directive 2002/95/EC

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium (Cd)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	100
Lead (Pb)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	1000
Mercury (Hg)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	1000
Hexavalent Chromium (CrVI) by	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
alkaline extraction					
Sum of PBBs	mg/kg	-	N.D.	: <b>-</b> ::	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Sum of PBDEs	mg/kg	<u>-</u>	N.D.	: <b>-</b> ::	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	

### Note:

- 1. mg/kg = ppm
- 2. N.D. = Not Detected (< MDL)
- 3. MDL = Method Detection Limit
- 4. "-" = Not regulated

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No. CANEC1004730307 Date: 17 Nov 2010 Page 3 of 6

### B: Halogen

Test Item(s)	Unit	Test Method (Reference)	Result	MDL
Fluorine (F)	mg/kg	BS EN 14582:2007, IC	N.D.	50
Chlorine (CI)	mg/kg	BS EN 14582:2007, IC	N.D.	50
Bromine (Br)	mg/kg	BS EN 14582:2007, IC	N.D.	50
lodine (I)	mg/kg	BS EN 14582:2007, IC	N.D.	50

#### Note:

- 1. mg/kg = ppm
- 2. N.D. = Not Detected (< MDL)
- 3. MDL = Method Detection Limit

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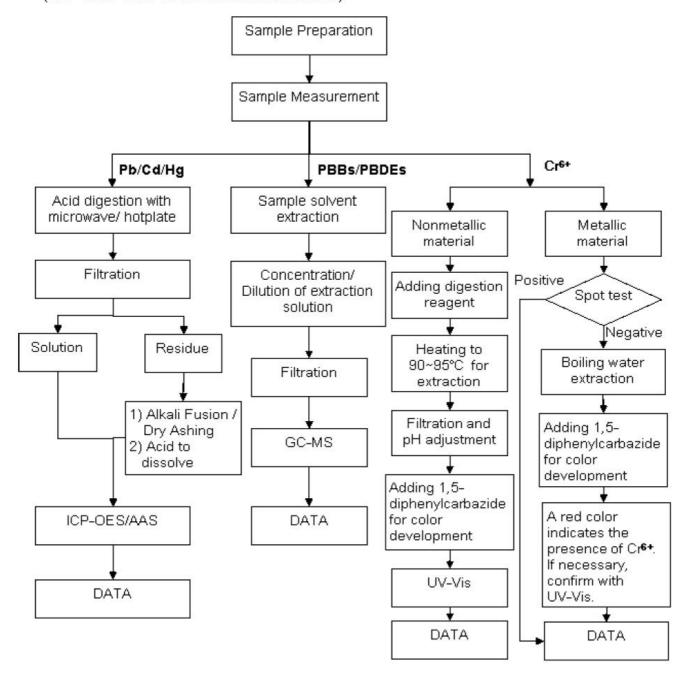
No. CANEC 1004730307

Date: 17 Nov 2010 Page 4 of 6

#### 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 (Cr6+ and PBBs/PBDEs test method excluded).



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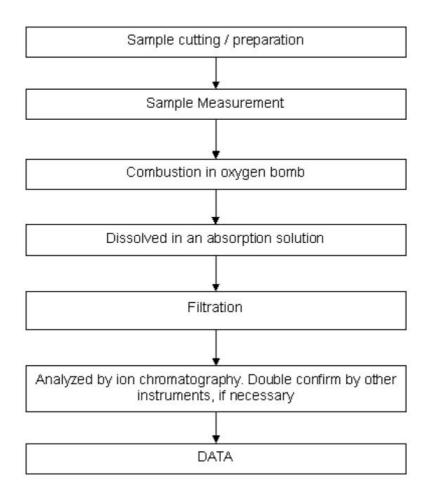


No. CANEC1004730307 Date: 17 Nov 2010 Page 5 of 6

## **ATTACHMENTS**

## Halogen Testing Flow Chart

- 1) Name of the person who made testing: Liang Wang
- 2) Name of the person in charge of testing: Michelle Song



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No. CANEC1004730307 Date: 17 Nov 2010 Page 6 of 6

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No. CANEC1005428902 Date: 31 Dec 2010 Page 1 of 4

THOUSAND ISLAND METAL FOIL CO.,LTD BLOCK FIFTEEN NEW SUN INDUSTRIAL AREA TANGXIA TOWN,DONGGUAN CITY CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as: Sn96.5Ag3Cu0.5 无铅锡条

SGS Job No. : 12904507 - SZ

SGS Internal Reference No. : 5.2

Date of Sample Received : 28 Dec 2010

Testing Period : 28 Dec 2010 - 31 Dec 2010

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.

Silva Zhou

Approved Signatory

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No. CANEC1005428902 Date: 31 Dec 2010 Page 2 of 4

Test Results:

ID for specimen 1 : CAN10-054289.002 Description for specimen 1 : Silvery metal bar

### Elementary Analysis

Test Item(s)	Unit	Test Method (Reference)	Result	MDL
Cadmium (Cd)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2
Lead (Pb)	mg/kg	IEC 62321:2008, ICP-OES	31	2
Mercury (Hg)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2
Hexavalent Chromium (CrVI) by	1=1	IEC 62321:2008, UV-Vis	Negative	$\Diamond$
boiling water extraction				

#### Note:

- 1. mg/kg = ppm
- 2. N.D. = Not Detected (< MDL)
- 3. MDL = Method Detection Limit
- 4. ♦ = Spot-Test:

Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;

(The tested sample should be further verified by boiling-water-extraction method if the spot test result is negative or cannot be confirmed.)

Boiling-water-extraction:

Negative = Absence of CrVI coating

Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

Storage conditions and production date of the tested sample are unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

5. "-" = Not regulated

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No. CANEC1005428902

Date: 31 Dec 2010

Page 3 of 4

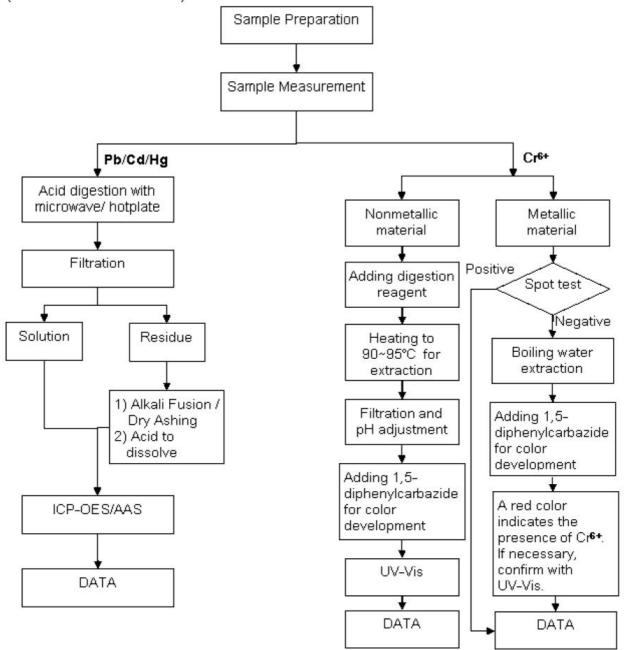
#### ATTACHMENTS

## RoHS Testing Flow Chart

- 1) Name of the person who made testing: Bella Wang / Ross Zhan
- 2) Name of the person in charge of testing: Adams Yu

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 These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr6+ test method excluded).



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Date: 31 Dec 2010

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以下測試提品係由客户选樣,且由客户聲稱並經客户確認如下 (The following samples was/were submitted and identified by/on behalf of the client as):

樣品名稱(Sample Description)

樣品型號(Style/Item No.)

其他(Other Info.)

收件日期(Sample Receiving Date)

測試期間(Testing Period)

: 漆包線 (MAGNET WIRE)

: 製造批號:E740601100525

: 2010/11/17

: 2010/11/17 TO 2010/11/23

\_\_\_\_\_\_

測試結果(Test Results)

: 錆見下一頁 (Please refer to next pages).

Ray Chang / Asst. Manage Signed for and on behalf of

**SGS Taiwan Limited** 

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DONGGUAN JUNG SHING WIRE CO., LTD.

523726 中國廣東省東莞市塘廈鎮環市南路125號

125, HUANGSHI NAN RD., TANGXIA TOWN, DONGGUAN CITY, GUANGDONG PROVINCE, 523726 CHINA

### 测试结果(Test Results)

測試部位(PART NAME) NO.1

漆包線上的銅色漆膜(COPPER COLORED COATING ON THE MAGNET WIRE)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法侦测 極限値 (MDL)	結果 (Result) NO.1
鎬 / Cadmìum (Cd)	mg/kg	参考IEC 62321: 2008方法,用感應藕合電漿原子 發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
鉛 / Lead (Pb)	mg/kg	参考IEC 62321: 2008方法,用感應藕合電漿原子 發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
汞 / Mercury (Hg)	mg/kg	参考IEC 62321: 2008方法,用感應藕合電漿原子 發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	参考IEC 62321: 2008方法,用UV-VIS檢測、/ With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
多溴聯苯總和 / Sum of PBBs			-	n.d.
一溴聯苯 / Monobromobiphenyl			5	n.d.
二溴聯苯 / Dibromobiphenyl			5	n.d.
三溴聯苯 / Tribromobiphenyl			5	n.d.
四溴聯苯 / Tetrabromobiphenyl		參考IEC 62321: 2008方法,以氣相層析儀/質譜儀	5	n.d.
五溴聯苯 / Pentabromobiphenyl	mg/kg	檢測、/ With reference to IEC 62321: 2008	5	n.d.
六溴聯苯 / Hexabromobiphenyl		and performed by GC/MS.	5	n.d.
七溴聯苯 / Heptabromobiphenyl			5	n.d.
八溴聯苯 / Octabromobiphenyl			5	n.d.
九溴聯苯 / Nonabromobiphenyl			5	n.d.
十溴聯苯 / Decabromobiphenyl			5	n.d.

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測減項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法侦测 極限値 (MDL)	结果 (Result) NO.1
多溴聯苯醚總和 / Sum of PBDEs			-	n.d.
一溴聯苯醚 / Monobromodiphenyl ether			5	n.d.
二溴聯苯醚 / Dibromodiphenyl ether			5	n.d.
三溴聯苯醚 / Tribromodiphenyl ether			5	n.d.
四溴聯苯醚 / Tetrabromodiphenyl ether		参考IEC 62321: 2008方法, 以氣相層析儀/質譜儀	5	n.d.
五溴聯苯醚 / Pentabromodiphenyl ether	mg/kg	檢測. / With reference to IEC 62321: 2008	5	n.d.
六溴聯苯醚 / Hexabromodiphenyl ether		and performed by GC/MS.	5	n.d.
七溴聯苯醚 / Heptabromodiphenyl ether			5	n.d.
八溴聯苯醚 / Octabromodiphenyl ether			5	n.d.
九溴聯苯醚 / Nonabromodiphenyl ether			5	n.d.
十溴聯苯醚 / Decabromodiphenyl ether			5	n.d.
鹵素 / Halogen				
鹵素 (氣) / Halogen-Fluorine (F) (CAS No.: 014762-94-8)	mg/kg	参考BS EN 14582:2007,以離子層析儀分析、/ With reference to BS EN 14582:2007、Analysis was performed by IC.	50	n.d.
鹵素(氦)/ Halogen-Chlorine (Cl) (CAS No.: 022537-15-1)	mg/kg	参考BS EN 14582:2007, 以離子層析儀分析./ With reference to BS EN 14582:2007. Analysis was performed by IC.	50	126
鹵素 (溴) / Halogen-Bromine (Br) (CAS No.: 010097-32-2)	mg/kg	参考BS EN 14582:2007, 以離子層析儀分析、/ With reference to BS EN 14582:2007, Analysis was performed by IC.	50	n.d.
鹵素(碘)/ Halogen-Iodine (I) (CAS No.: 014362-44-8)	mg/kg	参考BS EN 14582:2007, 以離子層析儀分析./ With reference to BS EN 14582:2007. Analysis was performed by IC.	50	n.d.

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#### 備註(Note):

- 1. mg/kg = ppm ; 0.1wt% = 1000ppm
- 2. n.d. = Not Detected (未檢出)
- 3. MDL = Method Detection Limit (方法偵測極限值)
- 4. "-" = Not Regulated (無規格值)
- 5、此為2010/11/23所發行KA/2010/B1140之加發報告,原始資料請參考KA/2010/B1140。

This is the additional test report of KA/2010/B1140 which was issued on 2010/11/23. Please refer to KA/2010/B1140 for original information.

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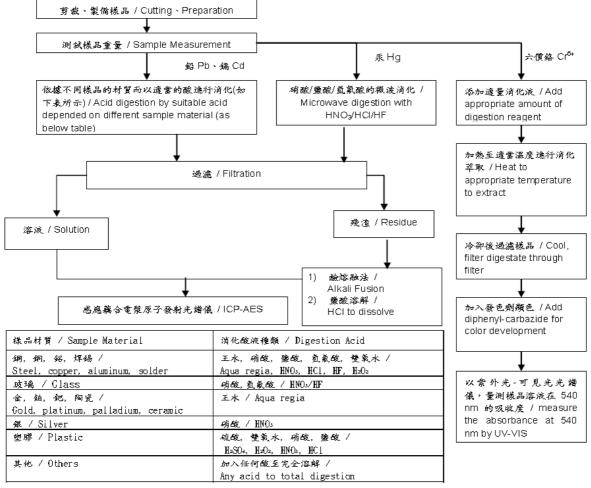
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- 1) 根據以下的流程圖之條件,樣品已完全溶解。( 六價鉻測試方法除外 ) / These samples were dissolved totally by pre-conditioning method according to below flow chart. ( Cr<sup>6+</sup> test method excluded )
- 2) 測試入員: 張俊雄 / Name of the person who made measurement: Alex Chang
- 测試負責人:張伯睿 / Name of the person in charge of measurement: Ray Chang



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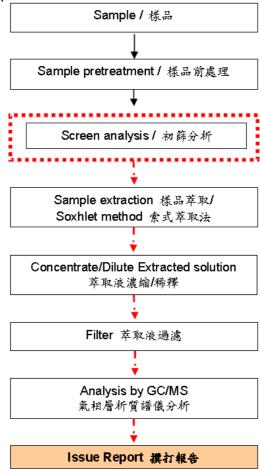
### 多溴聯苯/多溴聯苯醚 分析流程圖 / PBB/PBDE analytical FLOW CHART

1)测試人員:曹嘉琪 / Name of the person who made measurement: Anson Tsao 2)測試負責人: 張伯睿 / Name of the person in charge of measurement: Ray Chang

初次測試程序 / First testing process —

選擇性篩檢程序 / Optional screen process ......

確認程序 / Confirmation process - · - ▶



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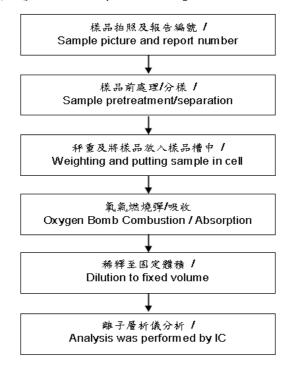
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### 鹵素分析流程圖 / Analytical flow chart of halogen content

- 1) 測試人員: 洪秀眞/ Name of the person who made measurement: Jean Hung
- 2) 測試負責人:張伯睿/ Name of the person in charge of measurement: Ray Chang



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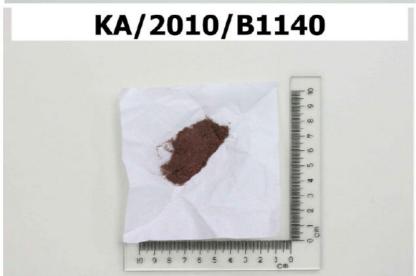
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No. SHAEC1016783602

日期: 2010年11月23日

第1页,共6页

上海致嘉电子材料有限公司 上海市闵行区金都路**538**号

以下测试之样品是由申请者所提供及确认:电子浆料

SGS工作编号: SP10-038618 - SH

型号: ML-51XXX

成分: 银

样品接收日期: 2010年11月19日

测试周期: 2010年11月19日 - 2010年11月23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 授权签名

Fan Jingjie, JJ范晶捷 批准签署人

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No. SHAEC1016783602

日期: 2010年11月23日

第2页,共6页

测试结果:

样品部件外观描述:

1

样品编号 SGS样品ID 描述

SHA10-167836.002 银色膏体

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2002/95/EC

测试方法: 参照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)	1,000	mg/kg	2	ND
汞(Hg)	1,000	mg/kg	2	ND
六价铬(CrVI)	1,000	mg/kg	2	ND
多溴联苯之和(PBBs)	1,000	mg/kg	2	ND
一溴联苯		mg/kg	5	ND
二溴联苯	2	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	12 <u>2</u> 3	ND
一溴二苯醚	-	mg/kg	5	ND

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**测试报告** No. SHAEC1016783602 日期: 2010年11月23日 第3页,共6页

测试项目	<u>限值</u>	单位	<u>MDL</u>	<u>002</u>
二溴二苯醚	=	mg/kg	5	ND
三溴二苯醚	-	mg/kg	5	ND
四溴二苯醚	8	mg/kg	5	ND
五溴二苯醚	T-	mg/kg	5	ND
六溴二苯醚	2	mg/kg	5	ND
七溴二苯醚	(E)	mg/kg	5	ND
八溴二苯醚	2	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2002/95/EC RoHS指令和后继修正指令2005/618/EC.
- (2) 所示结果为湿样品总重量中的含量

### 透皮

测试方法: 参照EN 14582:2007方法测定, 采用IC进行分析.

测试项目	<u>单位</u>	<u>MDL</u>	<u>002</u>
氟(F)	mg/kg	50	ND
氯(CI)	mg/kg	50	ND
溴(Br)	mg/kg	50	ND
碘(I)	mg/kg	50	ND

### 备注:

(1)所示结果为湿样品总重量中的含量

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No. SHAEC1016783602

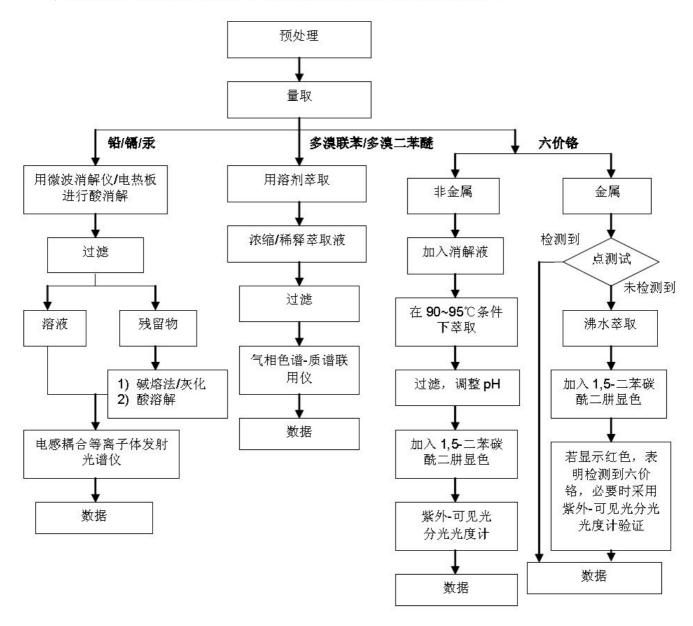
日期: 2010年11月23日

第4页,共6页

附件

## RoHS 测试流程图

- 1) 分析人员: 肖飞/魏守良/赵旭东/林以琳
- 2) 项目负责人: 张春华/徐亮/岳林禾
- 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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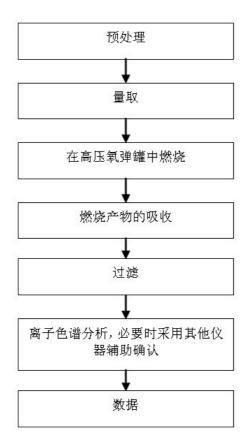
No. SHAEC1016783602

日期: 2010年11月23日

第5页,共6页

## Halogen 测试流程图

1) 分析人员: 巩东侠 2) 项目负责人: 江海飞



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No. SHAEC1016783602

日期: 2010年11月23日

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No. CANEC1003740206

日期: 2010年09月03日 第1页,共4页

肇庆国华电子有限公司 中国广东省肇庆市过境公路南东港肇庆学院对面

以下测试之样品是由申请者所提供及确认:

镍电镀液

SGS工作编号 : 12674467 - GZ

SGS内部编号 : 6.6

样品接收日期 : 2010年08月30日

测试周期 : 2010年08月30日 - 2010年09月02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

通标标准技术服务有限公司

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Silva Zhou周北林

批准签署人

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No. CANEC1003740206 日期: 2010年09月03日 第2页,共4页

测试结果:

样品1 ID : CAN10-037402.003

样品1描述:绿色液体

## 元素分析

测试项目	单位	测试方法 (参考)	测试结果	MDL
镉 (Cd)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2
铅 (Pb)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2
汞 (Hg)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2
碱性溶液萃取测六价铬(Cr VI)	ma/ka	IEC 62321:2008, UV-Vis	N.D.	2

#### 注释:

1. mg/kg = ppm

2. N.D.= 未检出 (< MDL)

3. MDL = 方法检测限

备注1: 所示结果为湿样品总重量中的含量。

ices Co., Ltd.

备注2:本测试报告内容是参照报告编号为CANEC1003740205的中文译本,中英文版本如有歧异,概以英文版

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No. CANEC 1003740206

日期: 2010年09月03日 第3页,共4页

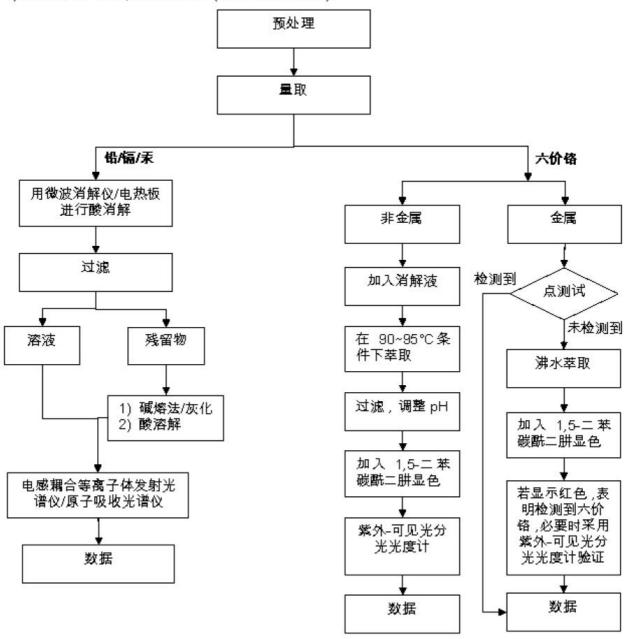
## 附件

## 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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日期: 2010年09月03日 第4页,共4页

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No. CANEC 1003740202

日期: 2010年09月03日 第1页,共4页

肇庆国华电子有限公司 中国广东省肇庆市过境公路南东港肇庆学院对面

以下测试之样品是由申请者所提供及确认:

锡电镀液

SGS工作编号 : 12674467 - GZ

SGS 参考编号 : 6.2

样品接收日期 : 2010年08月30日

测试周期 : 2010年08月30日 - 2010年09月02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

通标标准技术服务有限公司

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Silva Znou向 批准签署人

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No. CANEC1003740202 日期: 2010年09月03日 第2页,共4页

测试结果:

样品1 ID : CAN10-037402.001

样品1描述 : 黄色液体

## 元素分析

测试项目	单位	测试方法 (参考)	测试结果	MDL
镉 (Cd)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2
铅 (Pb)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2
汞 (Hg)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2
碱性溶液萃取测六价铬(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2

### 注释:

1. mg/kg = ppm

2. N.D.= 未检出 (< MDL)

3. MDL = 方法检测限

备注1:所示结果为湿样品总重量中的含量。

备注2:本测试报告内容是参照报告编号为CANEC1003740201的中文译本,中英文版本如有歧异,概以英文版

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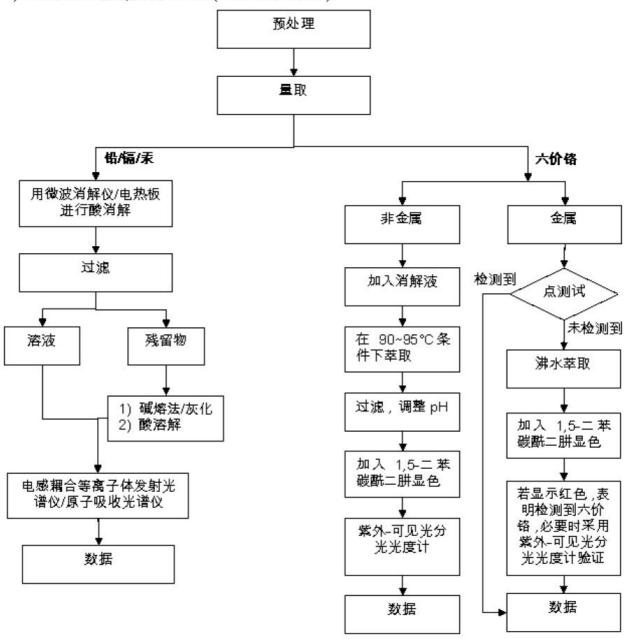
## 附件

## 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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