

# SGS Test Report

Model: TC42

Purpose: To determine the Lead, Cadmium, Mercury, and Hexavalent Chromium content in the submitted sample by a 3<sup>rd</sup> party source.



*Reliable Electronic Solutions*

| PART NAME        | REPORT No.              |
|------------------|-------------------------|
| SUBSTRATE        | ICP0029                 |
| CONDUCTOR        | ICP0261                 |
| RESISTOR         | ICP0263/ICP0269/ICP0266 |
| ELECTRODE        | ICP0398                 |
| TERMINAL         | ICP0673                 |
| TERMINAL PIATING | ICP0622                 |
| SLIDER           | ICP0034                 |
| INSULATION FILM  | ICP0672                 |



## Test Report

Date: SEP 20, 2006 Page 1 of 2

Report on the submitted sample said to be

|      |                                |        |
|------|--------------------------------|--------|
| 部品名  | 材质                             | 原材料供应商 |
| 陶瓷基板 | Al <sub>2</sub> O <sub>3</sub> |        |

Sample Receiving Date : SEP 14, 2006  
 Testing Period : SEP 14, 2006 TO SEP 20, 2006

Test Requested : As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.

Test Method : Lead content - With reference to EPA 3050B: 1996 & other acid digestion.  
 Cadmium content - With reference to BS EN1122: 2001 method B & other acid digestion.  
 Mercury content - With reference to EPA 3052: 1996 & EPA 7473: 1998 & other acid digestion.  
 Hexavalent Chromium content - With reference to EPA 3060A: 1996 & EPA 7198A: 1992.  
 Analysis was performed by Atomic Absorption Spectrometer & Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) & Direct Mercury analyzer & UV-VIS Spectrophotometer.

### Results

| Item                                 | Unit  | MDL | White ceramic board |
|--------------------------------------|-------|-----|---------------------|
| Lead Content (Pb)                    | mg/kg | 2   | 4                   |
| Cadmium Content (Cd)                 | mg/kg | 2   | N.D.                |
| Mercury Content (Hg)                 | mg/kg | 2   | N.D.                |
| Hexavalent Chromium Content [Cr(VI)] | mg/kg | 2   | N.D.                |

Note : - N.D. = Not Detected (< MDL)  
 - MDL = Method Detection Limit  
 - mg/kg = ppm

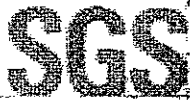
Signed for and on behalf of  
 SGS-CSTC Ltd.

  
 Jiang YongPing, Terry  
 Sr. Engineer

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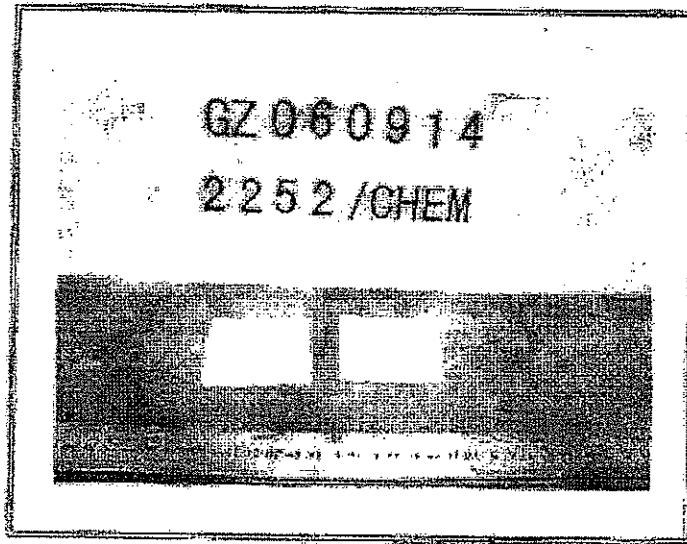


Test Report

Date SEP 20, 2006

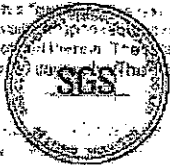
Page 2 of 2

SAMPLE PHOTO



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## Test Report

Date: SEP 21, 2006 Page 1 of 3

Report on the submitted sample said to be

| 部品名 | 材质    | 原材料供应商 |
|-----|-------|--------|
| Ag  | Ag-Pd |        |

Sample Receiving Date : SEP 14, 2006  
 Further Information Receiving Date : SEP 21, 2006  
 Testing Period : SEP 14, 2006 TO SEP 21, 2006

Test Requested : (1) As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.  
 (2) Determination of PBBs (Polybrominated Biphenyls), PBDEs (Polybrominated Diphenylethers) of the submitted sample.

Test Method : (1) Lead content - With reference to EPA 3050B: 1996 & other acid digestion.  
 Cadmium content - With reference to BS EN1122: 2001 method B & other acid digestion.  
 Mercury content - With reference to EPA 3052: 1996 & EPA 7473: 1998 & other acid digestion.  
 Hexavalent Chromium content - With reference to EPA 3060A: 1996 & EPA 7196A: 1992.  
 Analysis was performed by Atomic Absorption Spectrometer & Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) & Direct Mercury analyzer & UV-VIS Spectrophotometer.  
 (2) With reference to EPA 3540C & EPA 3550C. Analysis was performed by GC-MS.

Results : Please refer to next page.

Signed for and on behalf of  
SGS-CSTC Ltd.
  
 Wang HongLei, Leo  
 Sr. Engineer

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## Test Report

Date: SEP 21, 2006 Page 2 of 3

Results :

(1)

| Item                                 | Unit  | MDL | Grey block |
|--------------------------------------|-------|-----|------------|
| Lead Content (Pb)                    | mg/kg | 2   | 1296       |
| Cadmium Content (Cd)                 | mg/kg | 2   | N.D.       |
| Mercury Content (Hg)                 | mg/kg | 2   | N.D.       |
| Hexavalent Chromium Content [Cr(VI)] | mg/kg | 2   | N.D.       |

Note : - N.D. = Not Detected (< MDL)  
 - MDL = Method Detection Limit  
 - mg/kg = ppm

(2)

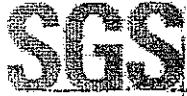
| Item   | Unit  | MDL | Grey block |
|--|-------|-----|------------|
| <b>Flame Retardants</b>                      |       |     |            |
| <b>Polybrominated Biphenyls (PBBs)</b>       |       |     |            |
| Monobromobiphenyl                            | mg/kg | 5   | N.D.       |
| Dibromobiphenyl                              | mg/kg | 5   | N.D.       |
| Tribromobiphenyl                             | mg/kg | 5   | N.D.       |
| Tetrabromobiphenyl                           | mg/kg | 5   | N.D.       |
| Pentabromobiphenyl                           | mg/kg | 5   | N.D.       |
| Hexabromobiphenyl                            | mg/kg | 5   | N.D.       |
| Heptabromobiphenyl                           | mg/kg | 5   | N.D.       |
| Octabromobiphenyl                            | mg/kg | 5   | N.D.       |
| Nonabromodiphenyl                            | mg/kg | 5   | N.D.       |
| Decabromodiphenyl                            | mg/kg | 5   | N.D.       |
| <b>Polybrominated Diphenylethers (PBDEs)</b> |       |     |            |
| Monobromodiphenyl ether                      | mg/kg | 5   | N.D.       |
| Dibromodiphenyl ether                        | mg/kg | 5   | N.D.       |
| Tribromodiphenyl ether                       | mg/kg | 5   | N.D.       |
| Tetrabromodiphenyl ether                     | mg/kg | 5   | N.D.       |
| Pentabromodiphenyl ether                     | mg/kg | 5   | N.D.       |
| Hexabromodiphenyl ether                      | mg/kg | 5   | N.D.       |
| Heptabromodiphenyl ether                     | mg/kg | 5   | N.D.       |
| Octabromodiphenyl ether                      | mg/kg | 5   | N.D.       |
| Nonabromodiphenyl ether                      | mg/kg | 5   | N.D.       |
| Decabromodiphenyl ether                      | mg/kg | 5   | N.D.       |

Note : - N.D. = Not Detected (< MDL)  
 - MDL = Method Detection Limit  
 - mg/kg = ppm

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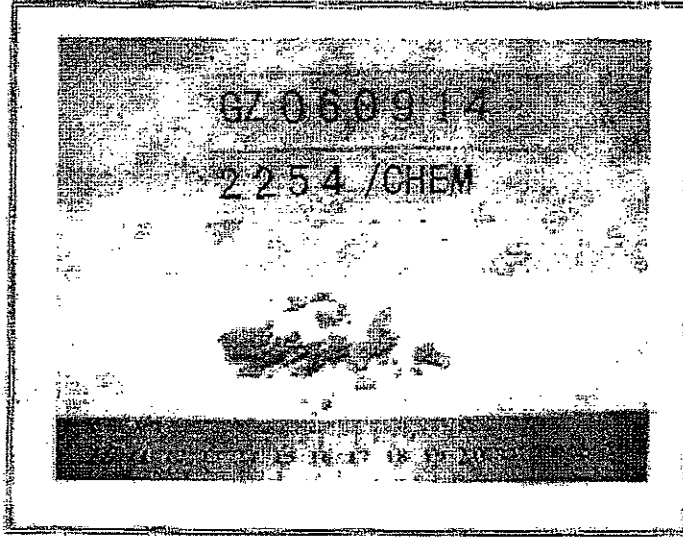


Test Report

Date: SEP 21, 2006

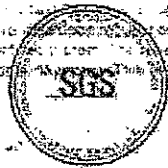
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SAMPLE PHOTO



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**Test Report**

Date: AUG 31, 2006 Page 1 of 1

Report on the submitted sample said to be

|     |    |
|-----|----|
| 部品名 | 材质 |
| R-  |    |

Sample Receiving Date : AUG 24, 2006  
 Testing Period : AUG 24, 2006 TO AUG 31, 2006

Test Requested : As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.

Test Method : Lead content - With reference to EPA 3050B: 1996 & other acid digestion.  
 Cadmium content - With reference to BS EN1122: 2001 method B & other acid digestion.  
 Mercury content - With reference to EPA 3052: 1998 & EPA 7473: 1998 & other acid digestion.  
 Hexavalent Chromium content - With reference to EPA 3060A: 1996 & EPA 7196A: 1992.  
 Analysis was performed by Atomic Absorption Spectrometer & Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) & Direct Mercury analyzer & UV-VIS Spectrophotometer.

Results

| Item                                 | Unit  | MDL | Black material |
|--------------------------------------|-------|-----|----------------|
| Lead Content (Pb)                    | mg/kg | 2   | 120819         |
| Cadmium Content (Cd)                 | mg/kg | 2   | N.D.           |
| Mercury Content (Hg)                 | mg/kg | 2   | N.D.           |
| Hexavalent Chromium Content [Cr(VI)] | mg/kg | 2   | N.D.           |

Note : - N.D. = Not Detected (< MDL)  
 - MDL = Method Detection Limit  
 - mg/kg = ppm  
 - Photo appendix is included

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

Signed for and on behalf of  
 SGS-CSTC Ltd.

Jiang YongPing, Terry  
 Sr. Engineer

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**Test Report**

Date: AUG 31, 2006 Page 1 of 1

Report on the submitted sample said to be

|     |    |
|-----|----|
| 部品名 | 材质 |
| R   |    |

Sample Receiving Date : AUG 24, 2006  
 Testing Period : AUG 24, 2006 TO AUG 31, 2006

Test Requested : As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.

Test Method : Lead content - With reference to EPA 3050B: 1996 & other acid digestion.  
 Cadmium content - With reference to BS EN1122: 2001 method B & other acid digestion.  
 Mercury content - With reference to EPA 3052: 1996 & EPA 7473: 1998 & other acid digestion.  
 Hexavalent Chromium content - With reference to EPA 3060A: 1996 & EPA 7196A: 1992.  
 Analysis was performed by Atomic Absorption Spectrometer & Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) & Direct Mercury analyzer & UV-VIS Spectrophotometer.

**Results**

| Item                                 | Unit  | MDL | Black material |
|--------------------------------------|-------|-----|----------------|
| Lead Content (Pb)                    | mg/kg | 2   | 40880          |
| Cadmium Content (Cd)                 | mg/kg | 2   | N.D.           |
| Mercury Content (Hg)                 | mg/kg | 2   | N.D.           |
| Hexavalent Chromium Content [Cr(VI)] | mg/kg | 2   | N.D.           |

Note : - N.D. = Not Detected (< MDL)  
 - MDL = Method Detection Limit  
 - mg/kg = ppm  
 - Photo appendix is included

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

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 Sr. Engineer

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**Test Report**

Date: AUG 31, 2006 Page 1 of 1

Report on the submitted sample said to be

|     |    |
|-----|----|
| 部品名 | 材质 |
| R   |    |

Sample Receiving Date : AUG 24, 2006  
 Testing Period : AUG 24, 2006 TO AUG 31, 2006

Test Requested : As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.

Test Method : Lead content - With reference to EPA 3050B: 1996 & other acid digestion.  
 Cadmium content - With reference to BS EN1122: 2001 method B & other acid digestion.  
 Mercury content - With reference to EPA 3052: 1996 & EPA 7473: 1998 & other acid digestion.  
 Hexavalent Chromium content - With reference to EPA 3060A: 1998 & EPA 7196A: 1992.  
 Analysis was performed by Atomic Absorption Spectrometer & Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) & Direct Mercury analyzer & UV-VIS Spectrophotometer.

**Results**

| Item                                 | Unit  | MDL | Black material |
|--------------------------------------|-------|-----|----------------|
| Lead Content (Pb)                    | mg/kg | 2   | 73846          |
| Cadmium Content (Cd)                 | mg/kg | 2   | N.D.           |
| Mercury Content (Hg)                 | mg/kg | 2   | N.D.           |
| Hexavalent Chromium Content [Cr(VI)] | mg/kg | 2   | N.D.           |

Note : - N.D. = Not Detected (< MDL)  
 - MDL = Method Detection Limit  
 - mg/kg = ppm  
 - Photo appendix is included

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

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 Sr. Engineer

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# SGS

## Test Report

Date: SEP 14, 2006 Page 1 of 2

Report on the submitted sample said to be

| 部品名 | 材质         | 原材料供应商 |
|-----|------------|--------|
| 锡膏  | Tin Solder |        |

Sample Receiving Date : SEP 07, 2006

Testing Period : SEP 07, 2006 TO SEP 14, 2006

Test Requested : As specified by client, to determine the Lead, Cadmium, Mercury &amp; Hexavalent Chromium content in the submitted sample.

Test Method : Lead content - With reference to EPA 3050B: 1996 & other acid digestion.  
 Cadmium content - With reference to BS EN1122: 2001 method B & other acid digestion.  
 Mercury content - With reference to EPA 3052: 1996 & EPA 7473: 1998 & other acid digestion.  
 Hexavalent Chromium content - With reference to EPA 3060A: 1998 & EPA 7196A: 1992.  
 Analysis was performed by Atomic Absorption Spectrometer & Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) & Direct Mercury analyzer & UV-VIS Spectrophotometer.

Results :

| Item                                 | Unit  | MDL | Grey paste |
|--------------------------------------|-------|-----|------------|
| Lead Content (Pb)                    | mg/kg | 2   | 301        |
| Cadmium Content (Cd)                 | mg/kg | 2   | N.D.       |
| Mercury Content (Hg)                 | mg/kg | 2   | N.D.       |
| Hexavalent Chromium Content [Cr(VI)] | mg/kg | 2   | N.D.       |

Note : - N.D. = Not Detected (< MDL)  
 - MDL = Method Detection Limit  
 - mg/kg = ppm

Signed for and on behalf of  
SGS-CSTC Ltd.


Wang Honglei, Leo  
Sr. Engineer

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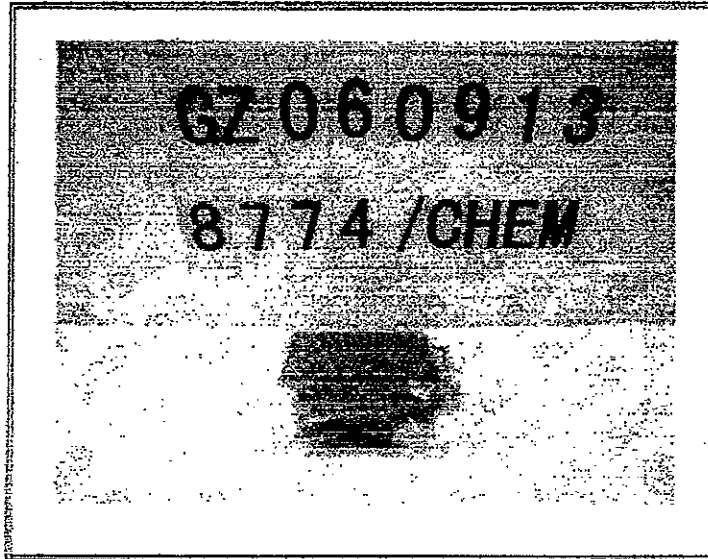
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Test Report

Date: SEP 14, 2006 Page 2 of 2

SAMPLE PHOTO



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**Test Report**

Date: SEP 14, 2006 Page 1 of 3

Report on the submitted sample said to be

| 部品名 | 材质         | 原材料供应商 |
|-----|------------|--------|
| 锡膏  | Tin Solder |        |

Sample Receiving Date : SEP 07, 2006  
Testing Period : SEP 07, 2006 TO SEP 14, 2006

Test Requested : Determination of PBBs (Polybrominated Biphenyle), PBDEs (Polybrominated Diphenylethers) of the submitted sample.

Test Method : With reference to EPA 3540C & 3550C. Analysis was performed by GC-MS.

Results : Please refer to next page.

Signed for and on behalf of  
SGS-CSTC Ltd.

  
Wang HongLei, Leo  
Sr. Engineer

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## Test Report

Date: SEP 14, 2006 Page 2 of 3

### Results:

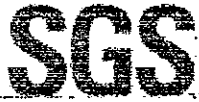
| Item   | Unit  | MDL | Grey paste |
|--|-------|-----|------------|
| <b>Flame Retardants</b>                      |       |     |            |
| <b>Polybrominated Biphenyls (PBBs)</b>       |       |     |            |
| Monobromobiphenyl                            | mg/kg | 5   | N.D.       |
| Dibromobiphenyl                              | mg/kg | 5   | N.D.       |
| Tribromobiphenyl                             | mg/kg | 5   | N.D.       |
| Tetrabromobiphenyl                           | mg/kg | 5   | N.D.       |
| Pentabromobiphenyl                           | mg/kg | 5   | N.D.       |
| Hexabromobiphenyl                            | mg/kg | 5   | N.D.       |
| Heptabromobiphenyl                           | mg/kg | 5   | N.D.       |
| Octabromobiphenyl                            | mg/kg | 5   | N.D.       |
| Nonabromodiphenyl                            | mg/kg | 5   | N.D.       |
| Decabromodiphenyl                            | mg/kg | 5   | N.D.       |
| <b>Polybrominated Diphenylethers (PBDEs)</b> |       |     |            |
| Monobromodiphenyl ether                      | mg/kg | 5   | N.D.       |
| Dibromodiphenyl ether                        | mg/kg | 5   | N.D.       |
| Tribromodiphenyl ether                       | mg/kg | 5   | N.D.       |
| Tetrabromodiphenyl ether                     | mg/kg | 5   | N.D.       |
| Pentabromodiphenyl ether                     | mg/kg | 5   | N.D.       |
| Hexabromodiphenyl ether                      | mg/kg | 5   | N.D.       |
| Heptabromodiphenyl ether                     | mg/kg | 5   | N.D.       |
| Octabromodiphenyl ether                      | mg/kg | 5   | N.D.       |
| Nonabromodiphenyl ether                      | mg/kg | 5   | N.D.       |
| Decabromodiphenyl ether                      | mg/kg | 5   | N.D.       |

Note : - N.D. = Not Detected (< MDL)  
- MDL= Method Detection Limit  
- mg/kg = ppm

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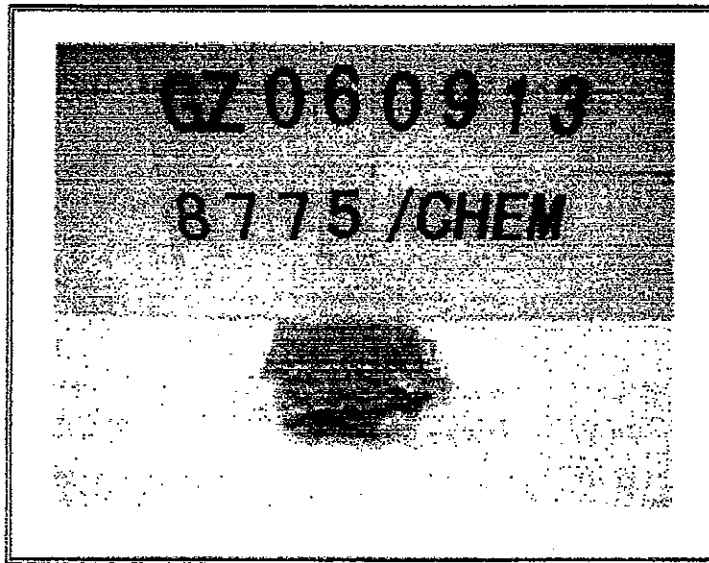


Test Report

Date SEP 14 2006

Page 3 of 3

SAMPLE PHOTO



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File name: 20060914 SGS China 1506 001

**CTI**

Centre Testing International

## Test Report

Date :Jun. 29, 2006

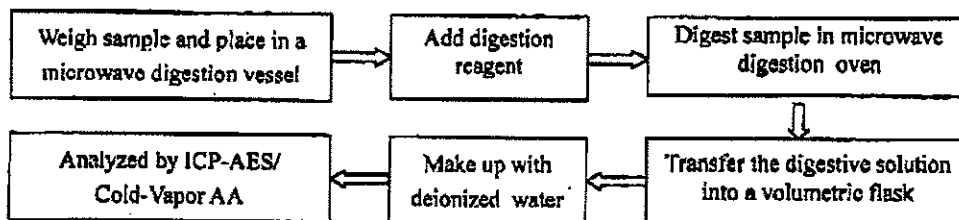
Page 1 of 4

**Report on the submitted sample said to be:**

Tested Component Description :Silvery metal  
 Material :SPCC  
 Supplier :  
 Sample Received Date :Jun. 28, 2006  
 Completed Date :Jun. 29, 2006  
 Test Requested : As specified by client, to determine the Lead, Mercury, Cadmium ,  
 Hexavalent Chromium contents in the submitted sample.

**Test Method:**

| Tested Item                             | Pretreatment Method           | Measured Equipment | Report Limit |
|---|-------------------------------|--------------------|--------------|
| Lead (Pb)                               | Refer to US EPA 3052:1996     | ICP-AES            | 2 ppm        |
| Mercury (Hg)                            | Refer to US EPA 3052:1996     | Cold-Vapor AA      | 2 ppm        |
| Cadmium (Cd)                            | Refer to EN 1122:2001method B | ICP-AES            | 2 ppm        |
| Hexavalent Chromium (Cr <sup>6+</sup> ) | Refer to US EPA 3060A:1996    | UV-Vis             | 0.05ppm      |

**Test Process :**
**1. Test for Pb/Hg Contents.**




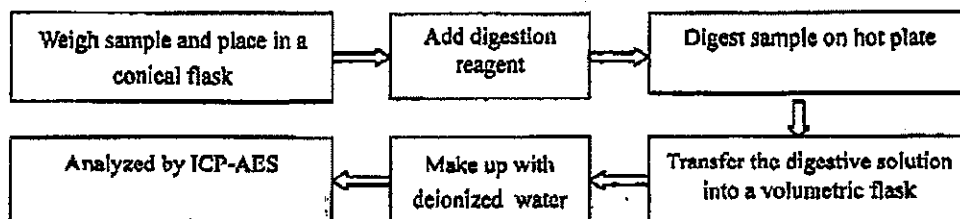


## Test Report

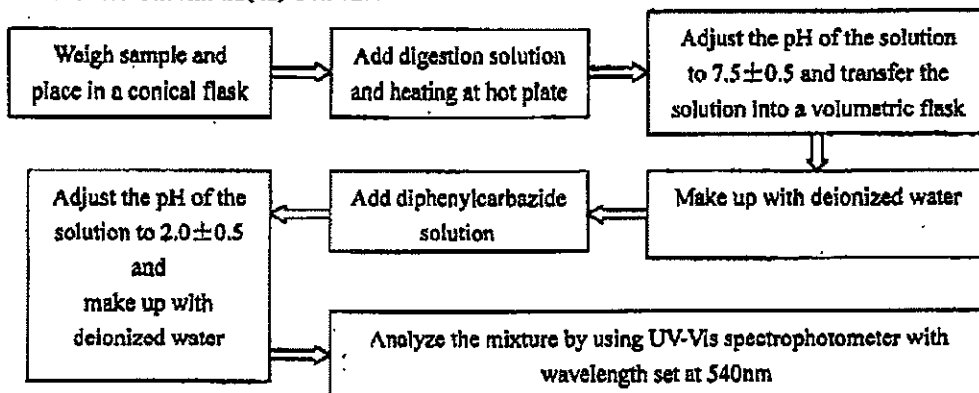
Date :Jun. 29, 2006

Page 2 of 4

### 2. Test for Cd Content .



### 3. Test for Chromium(VI) Content .



#### Test Results:

| Heavy Metal         | Content |
|---------------------|---------|
| Lead                | 46ppm   |
| Mercury             | N.D.    |
| Cadmium             | N.D.    |
| Hexavalent Chromium | N.D.    |

Note :-N.D. = Not Detected (<report limit ).

-ppm = mg/kg=parts per million.

\*\*\* End of report \*\*\*

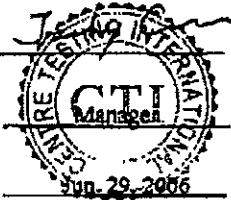


## Test Report

Date :Jun. 29, 2006

Page 3 of 4

|            |                           |              |                             |
|------------|---------------------------|--------------|-----------------------------|
| Written by | <u><i>[Signature]</i></u> | Inspected by | <u><i>[Signature]</i></u>   |
| Tested by  | <u><i>Sunny</i></u>       | Approved by  | <u><i>[Signature]</i></u>   |
|            | <u><i>Sandy</i></u>       | Position     | <u><i>Manager</i></u>       |
|            | <u><i>Marcus</i></u>      | Date         | <u><i>Jun. 29, 2006</i></u> |



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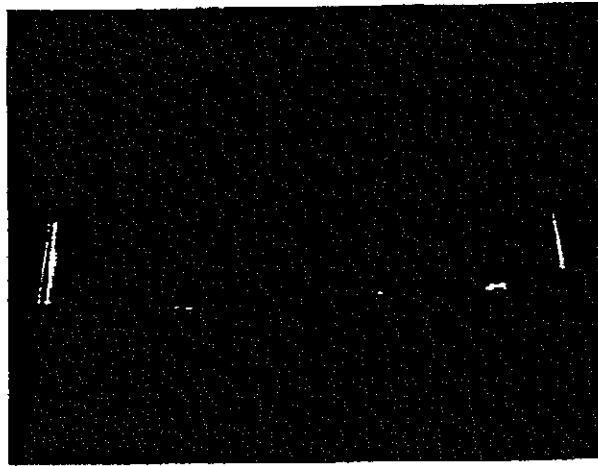
CTI Physical & Chemical Lab.

## Test Report

Date: Jun. 29, 2006

Page 4 of 4

### Photo of the sample





## Test Report

Date: SEP 27, 2006 Page 1 of 3

Report on the submitted sample said to be

|     |        |
|-----|--------|
| 部品名 | 原材料供应商 |
| 镁   |        |

Sample Receiving Date : SEP 21, 2006  
 Testing Period : SEP 21, 2006 TO SEP 27, 2006

Test Requested : (1) As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.  
 (2) Determination of PBBs (Polybrominated Biphenyls), PBDEs (Polybrominated Diphenylethers) of the submitted sample.

Test Method : (1) Lead content - With reference to EPA 3050B: 1996 & other acid digestion.  
 Cadmium content - With reference to BS EN1122: 2001 method B & other acid digestion.  
 Mercury content - With reference to EPA 3052: 1996 & other acid digestion.  
 Hexavalent Chromium content - With reference to EPA 3060A: 1996 & EPA 7196A: 1992.  
 Analysis was performed by Atomic Absorption Spectrometer & Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) & UV-VIS Spectrophotometer.  
 (2) With reference to EPA 3540C & EPA 3550C. Analysis was performed by GC-MS.

Results : Please refer to next page.

Signed for and on behalf of  
SGS-CSTC Ltd.


Wang HongLei, Leo  
Sr. Engineer

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## Test Report

Date: SEP 27, 2006 Page 2 of 3

Results :

(1)

| Item                                 | Unit  | MDL | Green liquid |
|--------------------------------------|-------|-----|--------------|
| Lead Content (Pb)                    | mg/kg | 2   | N.D.         |
| Cadmium Content (Cd)                 | mg/kg | 2   | N.D.         |
| Mercury Content (Hg)                 | mg/kg | 2   | N.D.         |
| Hexavalent Chromium Content [Cr(VI)] | mg/kg | 2   | N.D.         |

Note : - N.D. = Not Detected (< MDL)  
- MDL = Method Detection Limit  
- mg/kg = ppm

(2)

| Item   | Unit  | MDL | Green liquid |
|--|-------|-----|--------------|
| <b>Flame Retardants</b>                      |       |     |              |
| <b>Polybrominated Biphenyls (PBBs)</b>       |       |     |              |
| Monobromobiphenyl                            | mg/kg | 5   | N.D.         |
| Dibromobiphenyl                              | mg/kg | 5   | N.D.         |
| Tribromobiphenyl                             | mg/kg | 5   | N.D.         |
| Tetrabromobiphenyl                           | mg/kg | 5   | N.D.         |
| Pentabromobiphenyl                           | mg/kg | 5   | N.D.         |
| Hexabromobiphenyl                            | mg/kg | 5   | N.D.         |
| Heptabromobiphenyl                           | mg/kg | 5   | N.D.         |
| Octabromobiphenyl                            | mg/kg | 5   | N.D.         |
| Nonabromodiphenyl                            | mg/kg | 5   | N.D.         |
| Decabromodiphenyl                            | mg/kg | 5   | N.D.         |
| <b>Polybrominated Diphenylethers (PBDEs)</b> |       |     |              |
| Monobromodiphenyl ether                      | mg/kg | 5   | N.D.         |
| Dibromodiphenyl ether                        | mg/kg | 5   | N.D.         |
| Tribromodiphenyl ether                       | mg/kg | 5   | N.D.         |
| Tetrabromodiphenyl ether                     | mg/kg | 5   | N.D.         |
| Pentabromodiphenyl ether                     | mg/kg | 5   | N.D.         |
| Hexabromodiphenyl ether                      | mg/kg | 5   | N.D.         |
| Heptabromodiphenyl ether                     | mg/kg | 5   | N.D.         |
| Octabromodiphenyl ether                      | mg/kg | 5   | N.D.         |
| Nonabromodiphenyl ether                      | mg/kg | 5   | N.D.         |
| Decabromodiphenyl ether                      | mg/kg | 5   | N.D.         |

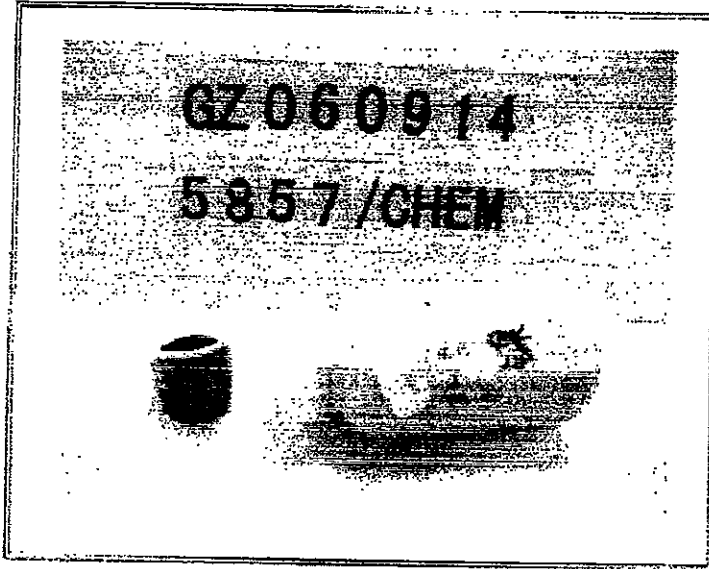
Note : - N.D. = Not Detected (< MDL)  
- MDL = Method Detection Limit  
- mg/kg = ppm

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## SAMPLE PHOTO



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Société Générale de Surveillance  
1201 Avenue de la Gare  
2009-09-27  
07 06 09 14  
5 8 5 7 /CHEM

## Test Report

Date: SEP 27, 2006 Page 1 of 3

Report on the submitted sample said to be

|     |        |
|-----|--------|
| 部品名 | 原材料供应商 |
| 備   |        |

Sample Receiving Date : SEP 21, 2006  
Testing Period : SEP 21, 2006 TO SEP 27, 2006

Test Requested : (1) As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.  
(2) Determination of PBBs (Polybrominated Biphenyls), PBDEs (Polybrominated Diphenylethers) of the submitted sample.

Test Method : (1) Lead content - With reference to EPA 3050B: 1996 & other acid digestion.  
Cadmium content - With reference to BS EN1122: 2001 method B & other acid digestion.  
Mercury content - With reference to EPA 3052:1996 & other acid digestion.  
Hexavalent Chromium content - With reference to EPA 3060A: 1996 & EPA 7196A: 1992.  
Analysis was performed by Atomic Absorption Spectrometer & Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) & UV-VIS Spectrophotometer.  
(2) With reference to EPA 3540C & EPA 3550C. Analysis was performed by GC-MS.

Results : Please refer to next page.

Signed for and on behalf of  
SGS-CSTC Ltd.

Wang Honglei, Leo  
Sr. Engineer

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### Test Report

Date: SEP 27, 2006 Page 2 of 3

Results :

(1)

| Item                                 | Unit  | MDL | Lt-yellow transparent liquid |
|--------------------------------------|-------|-----|------------------------------|
| Lead Content (Pb)                    | mg/kg | 2   | 4                            |
| Cadmium Content (Cd)                 | mg/kg | 2   | N.D.                         |
| Mercury Content (Hg)                 | mg/kg | 2   | N.D.                         |
| Hexavalent Chromium Content [Cr(VI)] | mg/kg | 2   | N.D.                         |

Note : - N.D. = Not Detected (< MDL)  
 - MDL = Method Detection Limit  
 - mg/kg = ppm

(2)

| Item   | Unit  | MDL | Lt-yellow transparent liquid |
|--|-------|-----|------------------------------|
| <b>Flame Retardants</b>                      |       |     |                              |
| <b>Polybrominated Biphenyls (PBBs)</b>       |       |     |                              |
| Monobromobiphenyl                            | mg/kg | 5   | N.D.                         |
| Dibromobiphenyl                              | mg/kg | 5   | N.D.                         |
| Tri bromobiphenyl                            | mg/kg | 5   | N.D.                         |
| Tetrabromobiphenyl                           | mg/kg | 5   | N.D.                         |
| Pentabromobiphenyl                           | mg/kg | 5   | N.D.                         |
| Hexabromobiphenyl                            | mg/kg | 5   | N.D.                         |
| Heptabromobiphenyl                           | mg/kg | 5   | N.D.                         |
| Octabromobiphenyl                            | mg/kg | 5   | N.D.                         |
| Nonabromodiphenyl                            | mg/kg | 5   | N.D.                         |
| Decabromodiphenyl                            | mg/kg | 5   | N.D.                         |
| <b>Polybrominated Diphenylethers (PBDEs)</b> |       |     |                              |
| Monobromodiphenyl ether                      | mg/kg | 5   | N.D.                         |
| Dibromodiphenyl ether                        | mg/kg | 5   | N.D.                         |
| Tri bromodiphenyl ether                      | mg/kg | 5   | N.D.                         |
| Tetrabromodiphenyl ether                     | mg/kg | 5   | N.D.                         |
| Pentabromodiphenyl ether                     | mg/kg | 5   | N.D.                         |
| Hexabromodiphenyl ether                      | mg/kg | 5   | N.D.                         |
| Heptabromodiphenyl ether                     | mg/kg | 5   | N.D.                         |
| Octabromodiphenyl ether                      | mg/kg | 5   | N.D.                         |
| Nonabromodiphenyl ether                      | mg/kg | 5   | N.D.                         |
| Decabromodiphenyl ether                      | mg/kg | 5   | N.D.                         |

Note : - N.D. = Not Detected (< MDL)  
 - MDL = Method Detection Limit  
 - mg/kg = ppm

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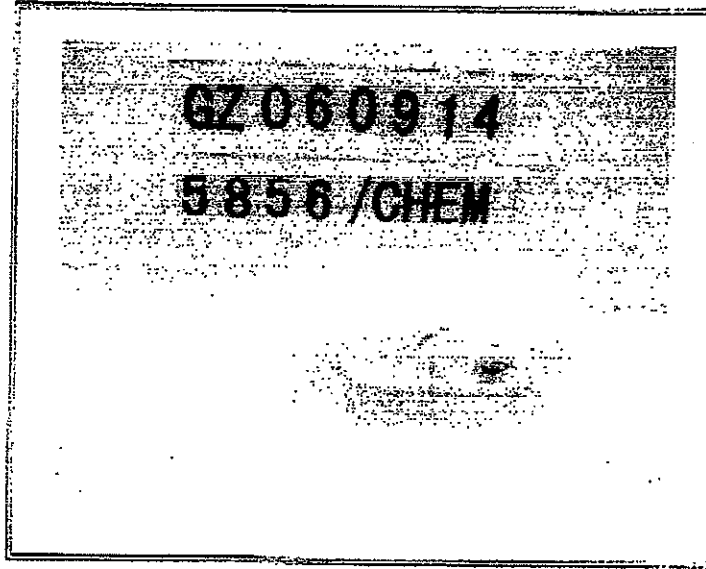


Test Report

Date SEP 22, 2006

Page 3 of 3

SAMPLE PHOTO



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Fax: +41 (0)22 717 7172  
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## Test Report

Date: MAR 03, 2006 Page 1 of 1

Report on the submitted sample said to be

|     |    |     |
|-----|----|-----|
| 部品名 | 材质 | 供应商 |
| 滑动板 |    |     |

Sample Receiving Date : FEB 27, 2006  
 Testing Period : FEB 27, 2006 TO MAR 03, 2006

Test Requested : As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.

Test Method : Lead content - With reference to EPA method 3050B: 1996 / other acid digestion.  
 Cadmium content - With reference to BS EN1122: 2001 method B / other acid digestion.  
 Mercury content - With reference to EPA 3052: 1996 / other acid digestion.  
 Hexavalent Chromium content - With reference to ISO 3613 : 2000 (Clause 5.6).  
 Analysis was performed by Atomic Absorption Spectrometer / Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) / UV-VIS Spectrophotometer.


### Results

| Item                                 | Unit               | MDL  | Silvery-grav metal |
|--------------------------------------|--------------------|------|--------------------|
| Lead Content (Pb)                    | ppm                | 2    | 16                 |
| Cadmium Content (Cd)                 | ppm                | 2    | N.D.               |
| Mercury Content (Hg)                 | ppm                | 2    | N.D.               |
| Hexavalent Chromium Content [Cr(VI)] | µg/cm <sup>2</sup> | 0.02 | N.D.               |

Note : - N.D. = Not Detected (< MDL)  
 - MDL = Method Detection Limit  
 - ppm = mg/kg

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

Signed for and on behalf of  
 SGS-CSTC Ltd.

  
 Zhang Li, Amy  
 Sr. Engineer

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## Test Report

Report No. : CE/2006/55407

Date : 2006/05/24

Page : 1 of 5

The following merchandise was (were) submitted and identified by the client as :

|                        |   |                         |
|------------------------|---|-------------------------|
| <u>Type of Product</u> | : |                         |
| <u>Style/Item No</u>   | : |                         |
| <u>Buyer/Order No</u>  | : |                         |
| <u>Sample Received</u> | : | 2006/5/17               |
| <u>Testing Date</u>    | : | 2006/5/17 TO 2006/05/24 |

=====  
Test Result : - Please see the next page -

  
 Daniel Yeh, M.H. / Operation Manager  
 Signed for and on behalf of  
 SGS TAIWAN LTD.

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# Test Report

Report No. : CE/2006/55407

Date : 2006/05/24

Page : 2 of 5

## Test Result

PART NAME NO.1 : CYAN ADHESIVE

| Test Item (s):   | Unit | Method  | MDL    | Result |
|--|------|---|--------|--------|
|  |      |   |        | No.1   |
| Monobromobiphenyl  | %    | With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC) | 0.0005 | N.D.   |
| Dibromobiphenyl  | %    |   | 0.0005 | N.D.   |
| Tribromobiphenyl   | %    |   | 0.0005 | N.D.   |
| Tetrabromobiphenyl   | %    |   | 0.0005 | N.D.   |
| Pentabromobiphenyl   | %    |   | 0.0005 | N.D.   |
| Hexabromobiphenyl  | %    |   | 0.0005 | N.D.   |
| Heptabromobiphenyl   | %    |   | 0.0005 | N.D.   |
| Octabromobiphenyl  | %    |   | 0.0005 | N.D.   |
| Nonabromobiphenyl  | %    |   | 0.0005 | N.D.   |
| Decabromobiphenyl  | %    |   | 0.0005 | N.D.   |
| Total PBBs (Polybrominated biphenyls)/Sum of above               | %    |   | -      | N.D.   |
| Monobromobiphenyl ether  | %    | With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC) | 0.0005 | N.D.   |
| Dibromobiphenyl ether  | %    |   | 0.0005 | N.D.   |
| Tribromobiphenyl ether   | %    |   | 0.0005 | N.D.   |
| Tetrabromobiphenyl ether   | %    |   | 0.0005 | N.D.   |
| Pentabromobiphenyl ether   | %    |   | 0.0005 | N.D.   |
| Hexabromobiphenyl ether  | %    |   | 0.0005 | N.D.   |
| Heptabromobiphenyl ether   | %    |   | 0.0005 | N.D.   |
| Octabromobiphenyl ether  | %    |   | 0.0005 | N.D.   |
| Nonabromobiphenyl ether  | %    |   | 0.0005 | N.D.   |
| Decabromobiphenyl ether  | %    |   | 0.0005 | N.D.   |
| Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above | %    |   | -      | N.D.   |
| Total of Mono to Nonabrominated biphenyl ether. (Note 4)         | %    | -   | N.D.   |        |

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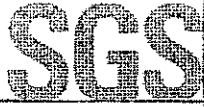
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| Test Item (s):     | Unit | Method  | MDL | Result |
|--------------------|------|---|-----|--------|
|                    |      |   |     | No. 1  |
| Chromium VI (Cr+6) | ppm  | UV-VIS(US EPA 7196A) after reference to US EPA 3060A.           | 2   | N.D.   |
| Cadmium (Cd)       | ppm  | ICP-AES after reference to US EPA 3052 or other acid digestion. | 2   | N.D.   |
| Mercury (Hg)       | ppm  | ICP-AES after reference to US EPA 3052 or other acid digestion. | 2   | N.D.   |
| Lead (Pb)          | ppm  | ICP-AES after reference to US EPA 3052 or other acid digestion. | 2   | N.D.   |

- NOTE: (1) N.D. = Not detected (<MDL)  
 (2) ppm = mg/kg  
 (3) MDL = Method Detection Limit  
 (4) Decabromobiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.  
 (5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.  
 (6) " - " = Not Regulation

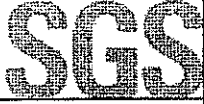
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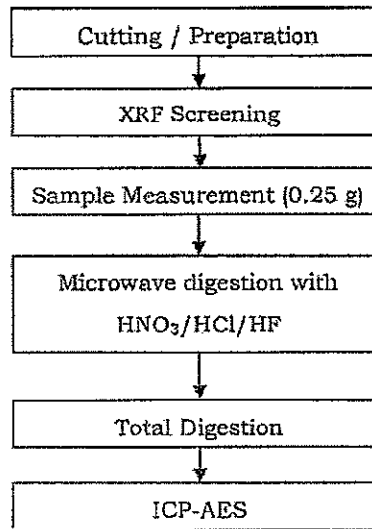
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Per requirements of SONY QAR-05-002:

- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
- 2) Name of the person who made measurement: Anren Lee
- 3) Name of the person in charge of measurement: Daniel Yeh

### Flow Chart of Digestion for Plastic -EPA3052 for Pb · Cd (without residue)



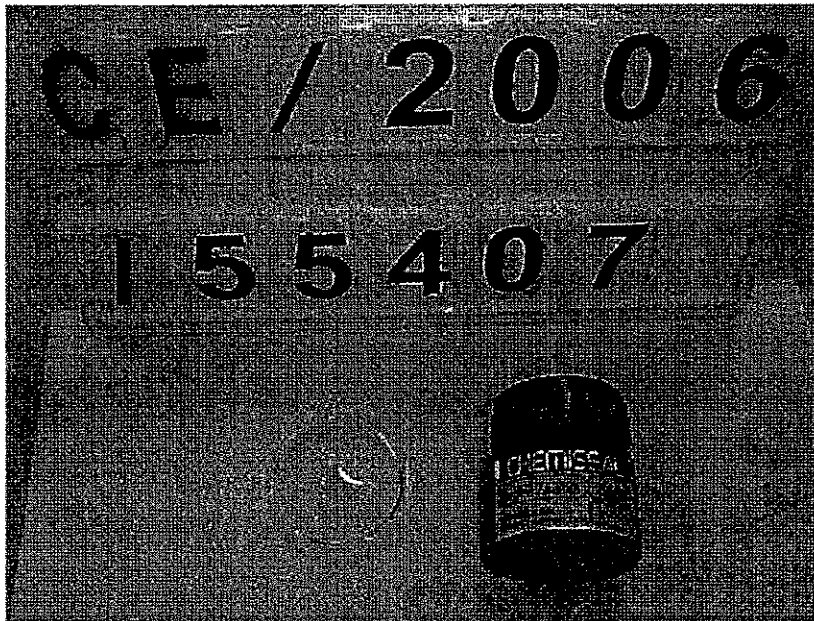
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