

#### No.: GZHG1411046263OT

Date: Dec 03, 2014

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BESTSUB TECHNOLOGIES CO LTD

**Test Report** 

RM 4411, GRANDVIEW EAST INTERNATIONAL PLAZA, NO 372, HUANSHI DONG ROAD, YUEXIU DISTRICT, GUANGZHOU GUANGDONG 510060 CHINA

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

| Sample Description    | : IPHONE 6 COVER W/O INSERT(RUBBER,BLACK,4.7"/5.5")          |
|-----------------------|--|
| SGS Ref No.           | : CAN14-197323   |
| Style / Item No.      | : IP6PR01C, IP6R01C  |
| Test Performed        | : Selected test(s) as requested by applicant                 |
| Sample Receiving Date | : Nov 27, 2014   |
| Test Performing Date  | : Nov 27, 2014 to Dec 03, 2014                               |
| Test Result(s)        | : For further details, please refer to the following page(s) |

| Test Requested   | Result |
|--|--------|
| To determine Content(s) of Cadmium(Cd), Lead(Pb), Mercury(Hg), Hexavalent<br>Chromium(CrVI), PBBs & PBDEs in the selected parts on the submitted sample(s) | PASS   |
| with reference to RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.  | FA33   |

Signed for and on behalf of SGS-CSTC Ltd.

Yan Lau Approved Signatory



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Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID    | Description        |
|--------------|------------------|--------------------|
| SN1          | CAN14-197323.001 | Black soft plastic |
| SN2          | CAN14-197323.002 | Black plastic      |

### Remarks :

(1) 1 mg/kg = 0.0001%

(2) MDL = Method Detection Limit

- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

### RoHS Directive 2011/65/EU

Test Method : (1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.

(2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.

(3)With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.

(4)With reference to IEC 62321:2008, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.

(5)With reference to IEC 62321:2008, determination of PBBs and PBDEs by GC-MS.

| <u>Test Item(s)</u>                | <u>Limit</u>  | <u>Unit</u> | <u>MDL</u> | <u>001</u> | <u>002</u> |  |
|------------------------------------|---|-------------|------------|------------|------------|--|
| Cadmium (Cd)                       | 100   | mg/kg       | 2          | ND         | ND         |  |
| Lead (Pb)                          | 1000  | mg/kg       | 2          | ND         | ND         |  |
| Mercury (Hg)                       | 1000  | mg/kg       | 2          | ND         | ND         |  |
| Hexavalent Chromium (CrVI)         | 1000  | mg/kg       | 2          | ND         | ND         |  |
| Sum of PBBs                        | 1000  | mg/kg       | -          | ND         | ND         |  |
| Monobromobiphenyl                  | -   | mg/kg       | 5          | ND         | ND         |  |
| Dibromobiphenyl                    | -   | mg/kg       | 5          | ND         | ND         |  |
| Tribromobiphenyl                   | -   | mg/kg       | 5          | ND         | ND         |  |
| Tetrabromobiphenyl                 | -   | mg/kg       | 5          | ND         | ND         |  |
| Pentabromobiphenyl                 | -   | mg/kg       | 5          | ND         | ND         |  |
| Hexabromobiphenyl                  | -   | mg/kg       | 5          | ND         | ND         |  |
| Heptabromobiphenyl                 | -   | mg/kg       | 5          | ND         | ND         |  |
| Octabromobiphenyl                  | -   | mg/kg       | 5          | ND         | ND         |  |
| Nonabromobiphenyl                  | -   | mg/kg       | 5          | ND         | ND         |  |
| Decabromobiphenyl                  | -   | mg/kg       | 5          | ND         | ND         |  |
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|--------------------------|-----------------------|-------|--------------------|----|----|--------|
| Sum of PBDEs             | 1000                  | mg/kg | -                  | ND | ND |        |
| Monobromodiphenyl ether  | -                     | mg/kg | 5                  | ND | ND |        |
| Dibromodiphenyl ether    | -                     | mg/kg | 5                  | ND | ND |        |
| Tribromodiphenyl ether   | -                     | mg/kg | 5                  | ND | ND |        |
| Tetrabromodiphenyl ether | -                     | mg/kg | 5                  | ND | ND |        |
| Pentabromodiphenyl ether | -                     | mg/kg | 5                  | ND | ND |        |
| Hexabromodiphenyl ether  | -                     | mg/kg | 5                  | ND | ND |        |
| Heptabromodiphenyl ether | -                     | mg/kg | 5                  | ND | ND |        |
| Octabromodiphenyl ether  | -                     | mg/kg | 5                  | ND | ND |        |
| Nonabromodiphenyl ether  | -                     | mg/kg | 5                  | ND | ND |        |
| Decabromodiphenyl ether  | -                     | mg/kg | 5                  | ND | ND |        |
|                          |                       |       |                    |    |    |        |

Notes :

(1) The maximum permissible limit is quoted from the directive 2011/65/EU, Annex II



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## Test Report

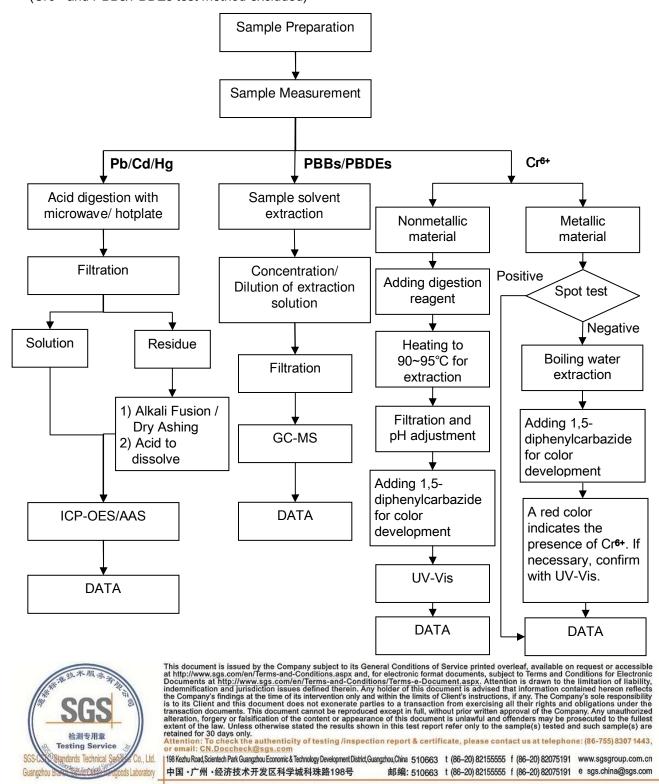
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## **ATTACHMENTS**

#### **RoHS Testing Flow Chart**

- 1) Name of the person who made testing: Michael Tso / Cutey Yu
- 2) Name of the person in charge of testing: Adams Yu / Yolanda Wei
- 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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Sample photo:



Product Photo



Product Photo

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



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