

Test Report

No. CANEC1503359101

Date: 19 Mar 2015

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

SGS Job No. : CP15-010215 - SZ
 Model No. : L2-36
 Material No. : Blue label
 Date of Sample Received : 13 Mar 2015
 Testing Period : 13 Mar 2015 - 19 Mar 2015
 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 Standards Technical Services Co., Ltd. Guangzhou Branch



Almay Gao
 Approved Signatory



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Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID | Description |
|--------------|------------------|-------------|
| SN1 | CAN15-033591.001 | White sheet |

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 :
- (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>Unit</u> | <u>MDL</u> | <u>001</u> |
|----------------------------|-------------|------------|------------|
| Cadmium (Cd) | mg/kg | 2 | ND |
| Lead (Pb) | mg/kg | 2 | ND |
| 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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| <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 |

Phthalate

Test Method : Determination of phthalates by GC-MS based on EN 14372:2004.

| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Unit</u> | <u>MDL</u> | <u>001</u> |
|------------------------------------|----------------|-------------|------------|------------|
| Dibutyl Phthalate (DBP) | 84-74-2 | %(w/w) | 0.003 | ND |
| Benzylbutyl Phthalate (BBP) | 85-68-7 | %(w/w) | 0.003 | ND |
| Bis(2-ethylhexyl) Phthalate (DEHP) | 117-81-7 | %(w/w) | 0.003 | ND |
| Diisobutyl Phthalate (DIBP) | 84-69-5 | %(w/w) | 0.003 | ND |

Notes :

Reference Information: Directive 2011/65/EU recasting RoHS directive 2002/95/EC and the latest amending directive:

(1) Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), and Dibutyl phthalate (DBP) are considered as a priority for risk evaluation and substance restriction.

(2) Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl Phthalates (DIBP) have been adopted in the draft of Commission Delegated Directive amending Annex II to Directive 2011/65/EU of the European Parliament, and the regulatory limit of each restricted substances should be 0.1%.



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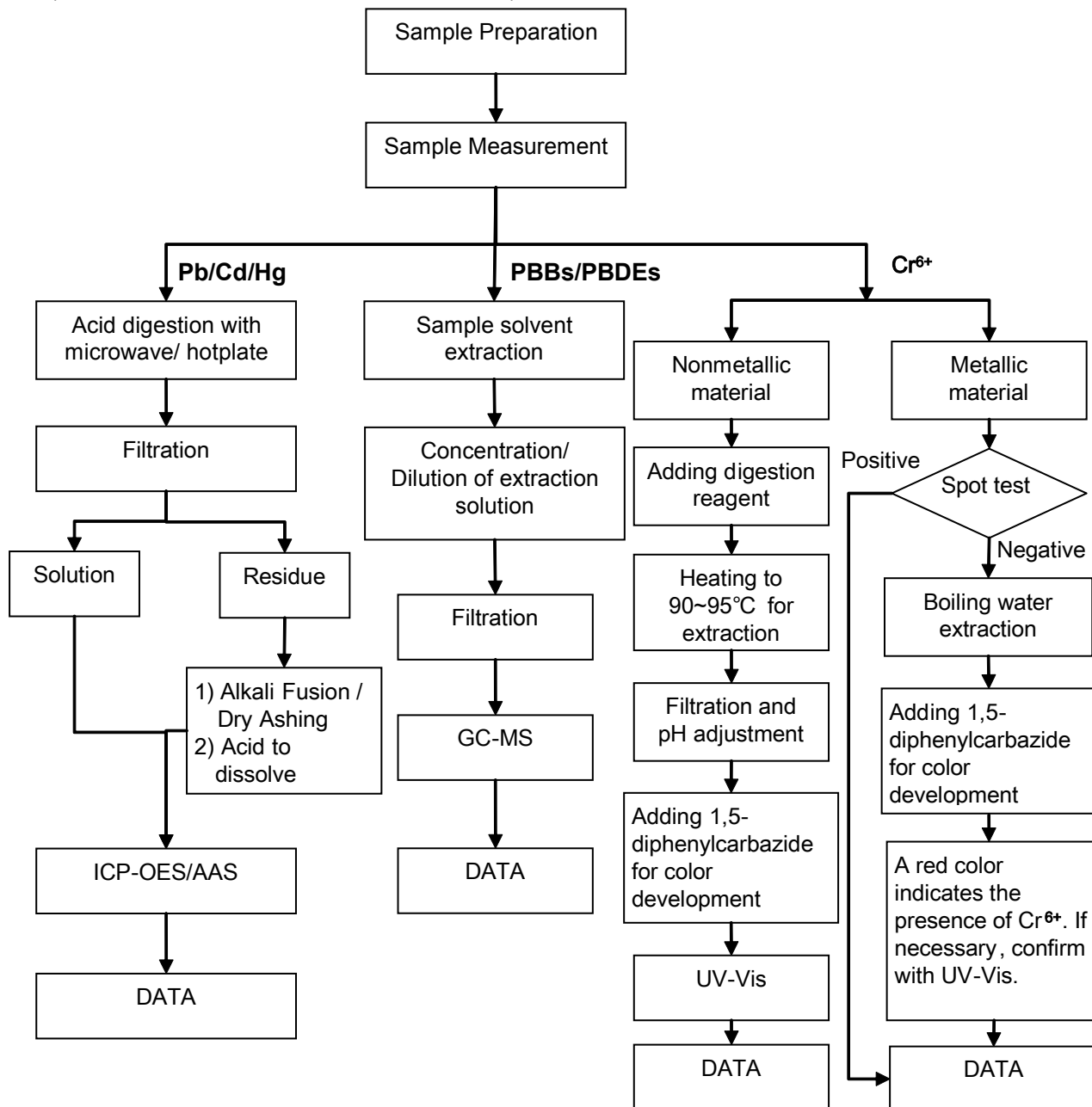
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ATTACHMENTS

RoHS Testing Flow Chart

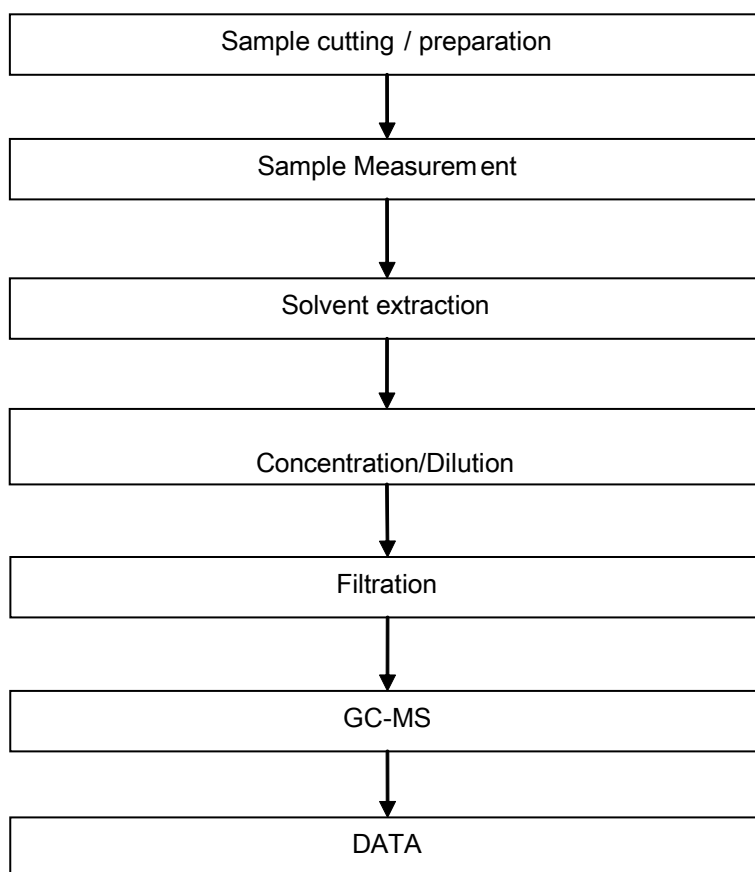
- 1) Name of the person who made testing: Bruce Xiao / Sunny Hu
- 2) Name of the person in charge of testing: Bella Wang / Cutey Yu
- 3) These samples were dissolved totally by pre -conditioning method according to below flow chart (Cr⁶⁺ and PBBs/PBDEs test method excluded).



ATTACHMENTS

Phthalates Testing Flow Chart

- 1) Name of the person who made testing: Sunny Hu
- 2) Name of the person in charge of testing: Cutey Yu



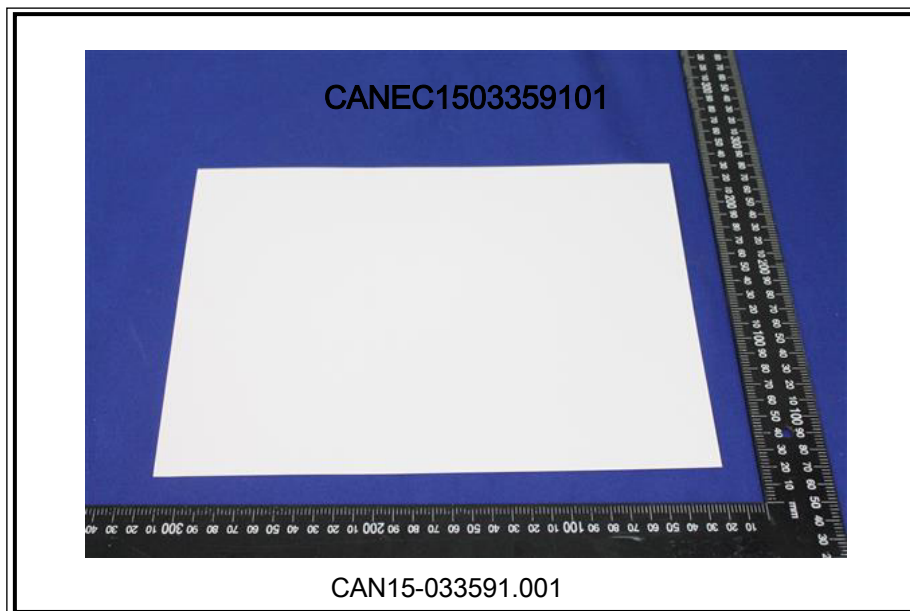
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Sample photo:



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*** End of Report ***