

# Test Report

No. CANEC1607546101

Date: 05 May 2016

Page 1 of 8

TOPWIN INTERNATIONAL CORP., LIMITED

10B B TOWER XUESONG BUILDING, TAIRAN LIU ROAD, FUTIAN DISTRICT, SHENZHEN CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : TW144NPQQ812LCD Display Moulds

SGS Job No. : CP16-025446 - SZ

Model No. : TW144NPQQ812

Date of Sample Received : 29 Apr 2016

Testing Period : 29 Apr 2016 - 05 May 2016

Test Requested : As specified by client, selected parts of the submitted sample(s) for compliance with Consumer Product Safety Improvement Act of 2008, CPSIA:

- Lead in accessible substrate materials;

- Phthalates;

Other test(s) as requested by client.

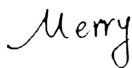
Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
CPSIA section 101(a)(2) - Lead in accessible substrate materials (including Children's Metal Jewelry)	PASS
CPSIA section 108 - Phthalates	PASS
US California Proposition 65 - Total Lead Content	PASS
US California Proposition 65 - Phthalate Content	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Merry Lv

Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Testing Service Chemical Laboratory

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Page 2 of 8

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN16-075461.001	Transparent glass

Remarks :

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

**CPSIA section 101(a)(2) - Lead in accessible substrate materials (including Children's Metal Jewelry)**

Test Method : CPSC Test Method: CPSC-CH-E1002-08.3` Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product`

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Lead (Pb)	0.01	%(w/w)	0.002	ND
<b>Comment</b>				<b>PASS</b>

Notes :

- (1)\*\* Limit applies to a children's product manufactured after 14 August 2011 (Public Law 112-28 (HR 2715, 112th Congress) amending CPSIA)

**CPSIA section 108 - Phthalates**

Test Method : With reference to CPSC-CH-C1001-09.3, analysis was performed by GC-MS

Concentration of phthalates in components of toy product

<u>Test Item(s)</u>	<u>CAS NO</u>	<u>Permissible</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
		<u>Limit</u>			
Dibutyl Phthalate (DBP)	84-74-2	0.1	%(w/w)	0.005	ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%(w/w)	0.005	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%(w/w)	0.005	ND
<b>Comment</b>					<b>PASS</b>



Concentration of phthalates in components of toy that can be placed in the mouth or childcare article

<u>Test Item(s)</u>	<u>CAS NO</u>	<u>Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	0.1	%(w/w)	0.005	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	0.1	%(w/w)	0.005	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	0.1	%(w/w)	0.005	ND
<b>Comment</b>					<b>PASS</b>

US California Proposition 65 -Total Lead Content (Other accessible substrate materials )

Test Method : With reference to CPSC-CH-E1002-08.3, Analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Lead (Pb)	100	mg/kg	20	ND
<b>Comment</b>				<b>PASS</b>

Notes :

The limit of Lead (Pb) is referenced to the requirement as stated in Superior Court of the State of California, CIV 1003366 and County of San Francisco Superior Court, CGC-10-505118.  
 The reference limits applied in testing are based on particular prop 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.  
 A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with Proposition 65 by clearly informing the consumer of potential exposure.

US California Proposition 65 -Phthalate Content (Polymeric materials other than PVC )

Test Method : With reference to CPSC-CH-C1001-09.3, Analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND
Benzylbutyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	1000	mg/kg	50	ND



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# Test Report

No. CANEC1607546101

Date: 05 May 2016

Page 4 of 8

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	mg/kg	50	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	1000	mg/kg	50	ND
<b>Comment</b>					<b>PASS</b>

**Notes :**

The limit is referenced to the requirement as stated in County of Marin Court, CIV 091146 and County of San Francisco Superior Court, CGC-07-465288 and in the County of Santa Clara Superior Court, 114CV267501.

The reference limits applied in testing are based on particular prop 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

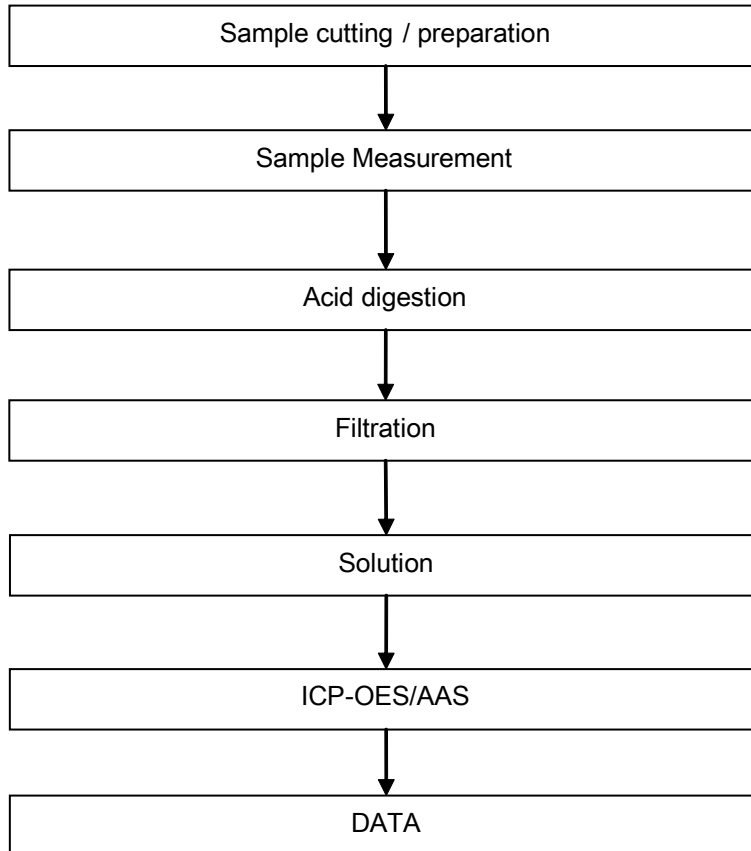
A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with Proposition 65 by clearly informing the consumer of potential exposure.



## ATTACHMENTS

### CPSIA Pb Testing Flow Chart

- 1) Name of the person who made testing : Bruce Xiao
- 2) Name of the person in charge of testing : Bella Wang



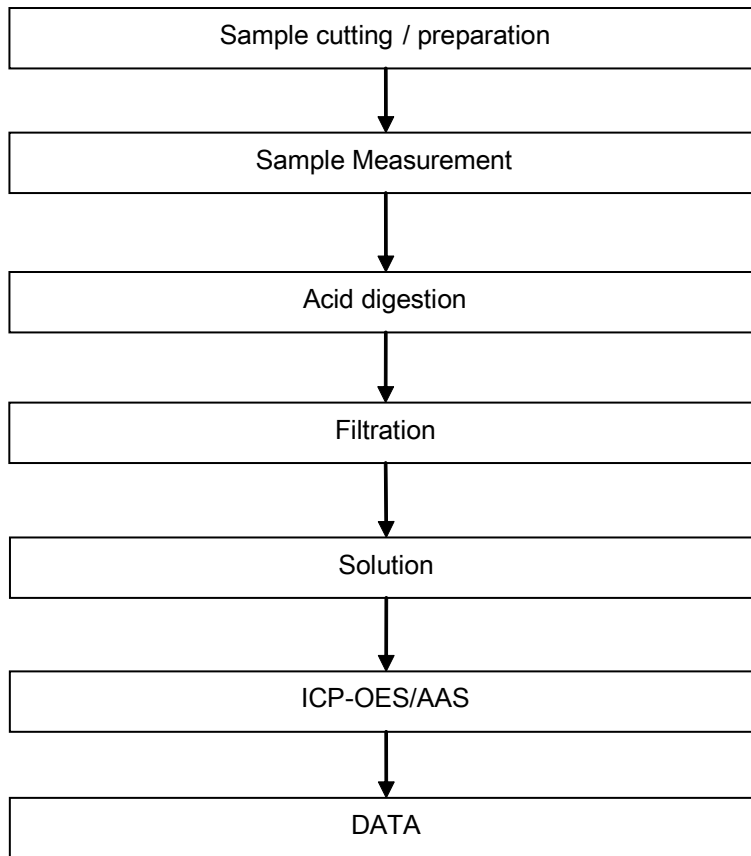
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Elementary Testing Flow Chart

- 1) Name of the person who made testing : Bruce Xiao
- 2) Name of the person in charge of testing : Bella Wang



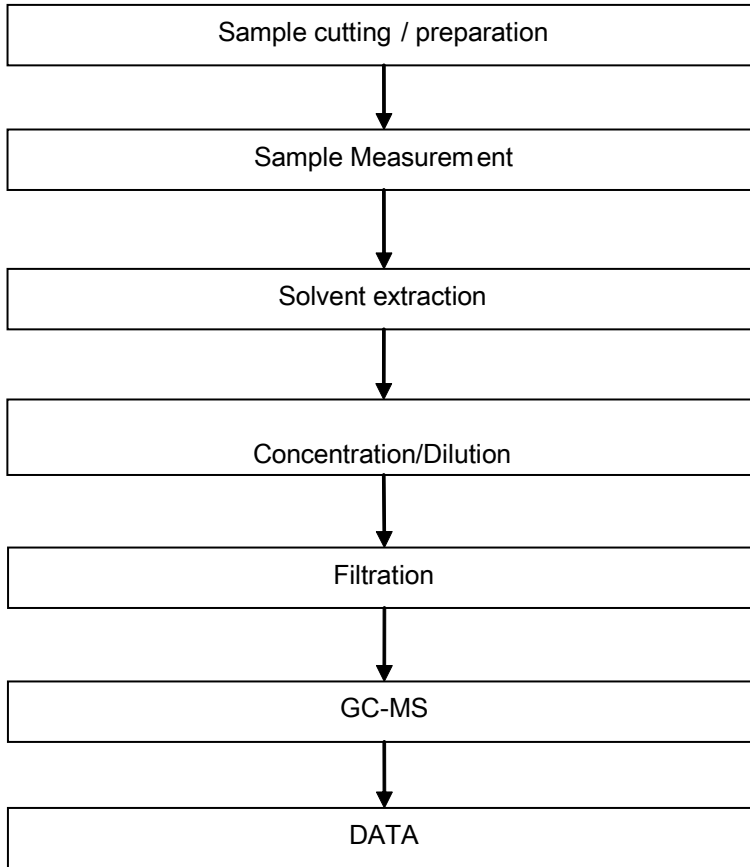
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Phthalates Testing Flow Chart

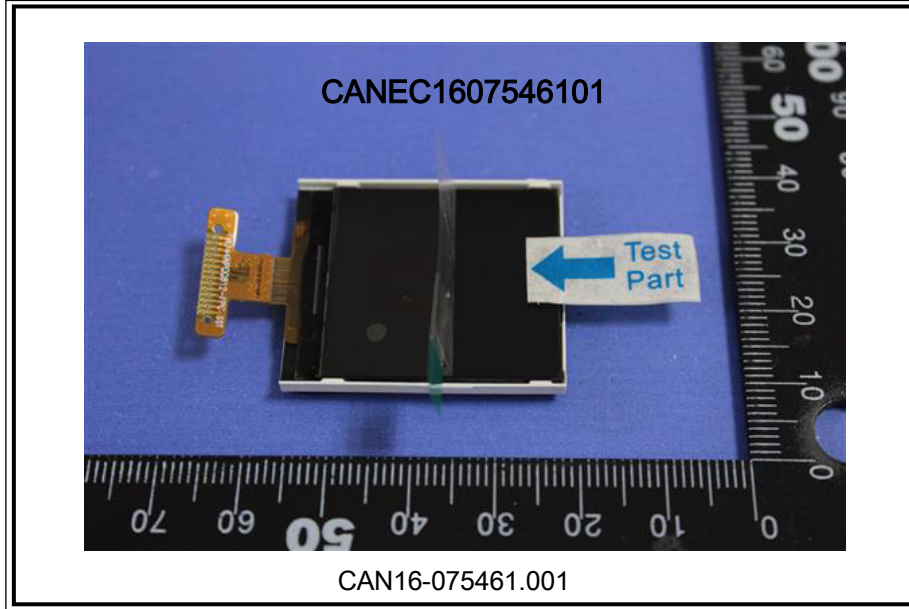
- 1) Name of the person who made testing: Sunny Hu
- 2) Name of the person in charge of testing: Cutey Yu



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