



# RoHS TEST REPORT

*For*

**Baby Changing Station**

**Model: HPH-01, HPH-02, HPH-03, HPH-04, HPH-05, HPH-06, HPH-07, HPV-01,  
HPV-02, HPV-03**

**Brand Name: Happimore**

**Report No.: ENC180208GZ49R1**

**Date of Issue: Jan. 11, 2018**

*Prepared For*

**Xiamen Happimore Technology Co., Ltd**

**807B Jinfeng Building, Information & Optoelectronics Park, Torch Hi-tech  
Industry Development Zone, Xiamen, China.**

TEL: +86-592-5658368

*Prepared By*

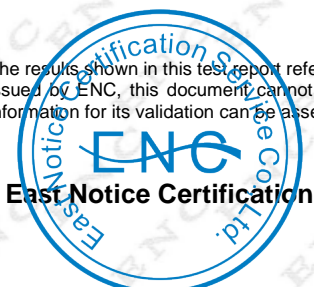
**East Notice Certification Service Co., Ltd.**

**1/F, Haohui Commercial Building, Zhuji Street, Dongpu Town, Tianhe District,  
Guangzhou City, China**

TEL: +86-20-2331 4234

FAX: +86-20-8256 8534

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1/F, Haohui Commercial Building, Zhuji Street,  
Dongpu Town, Tianhe District, Guangzhou City

Tel:+86-020-2331 4234  
E-mail: [enc@enc-lab.com](mailto:enc@enc-lab.com)

Fax:+86-020-8256 8534  
[Http:// www.enc-lab.com](http://www.enc-lab.com)


### 1. GENERAL INFORMATION:

<b>Product Description:</b>	Baby Changing Station
<b>Model Number:</b>	HPH-01, HPH-02, HPH-03, HPH-04, HPH-05, HPH-06, HPH-07, HPV-01, HPV-02, HPV-03
<b>Model Difference:</b>	Horizontal and Vertical versions
<b>Brand Name:</b>	Happimore
<b>Applicant:</b>	Xiamen Happimore Technology Co., Ltd 807B Jinfeng Building, Information & Optoelectronics Park, Torch Hi-tech Industry Development Zone, Xiamen, China.
<b>Manufacturer:</b>	Xiamen Happimore Technology Co., Ltd 807B Jinfeng Building, Information & Optoelectronics Park, Torch Hi-tech Industry Development Zone, Xiamen, China.
<b>Testing date:</b>	Jan. 5, 2018- Jan. 11, 2018
<b>Test Method:</b>	(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 spot test / Colorimetric Method using UV-Vis. (5)With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS. (6)With reference to EN 14372:2004, determination of Phthalates by GC-MS.
<b>Directive:</b>	COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances
<b>Remark:</b>	Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Phthalates (DEHP, BBP, DBP, DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU. .

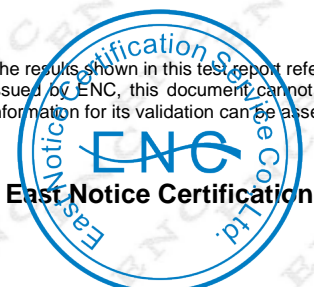
The test results of this report relate only to the tested sample identified in this report. Should any objections to the test reports occurred, should submit it to the Company within ten days since the issuing of the report, Fail to accept.

Checked By Yemig  
Yemig Jan. 11, 2018

Authorized By Ray Zhou  
Ray Zhou Jan. 11, 2018



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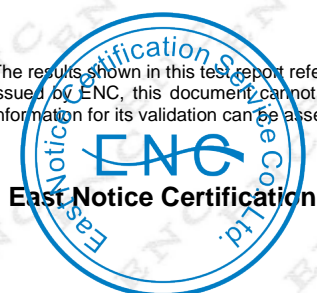
**2. SUMMARY OF TEST RESULTS (Unit: mg/kg):**

Test Items	Method (Refer to)	Results	MDL	RoHS Limit
Cadmium (Cd)	ICP-AES	ND	2	100
Lead (Pb)	ICP-AES	ND	2	1000
Mercury (Hg)	ICP-AES	ND	2	1000
Hexavalent Chromium Cr(VI) by alkaline extraction	UV-Vis	ND	2	1000
<b>Sum of PBBs</b>		ND	--	1000
Monobromobiphenyl		ND	5	--
Dibromobiphenyl		ND	5	--
Tribromobiphenyl		ND	5	--
Tetrabromobiphenyl		ND	5	--
Pentabromobiphenyl		ND	5	--
Hexabromobiphenyl		ND	5	--
Heptabromobiphenyl		ND	5	--
Octabromobiphenyl		ND	5	--
Nonabromobiphenyl		ND	5	--
Decabromobiphenyl		ND	5	--
<b>Sum of PBDEs</b>	GC-MS	ND	--	1000
Monobromodiphenyl ether		ND	5	--
Dibromodiphenyl ether		ND	5	--
Tribromodiphenyl ether		ND	5	--
Tetrabromodiphenyl ether		ND	5	--
Pentabromodiphenyl ether		ND	5	--
Hexabromodiphenyl ether		ND	5	--
Heptabromodiphenyl ether		ND	5	--
Octabromodiphenyl ether		ND	5	--
Nonabromodiphenyl ether		ND	5	--
Decabromodiphenyl ether		ND	5	--
Hexabromocyclododecane (HBCDD)		ND	50	--
Benzyl butyl phthalate (BBP)		ND	30	--
Di-butyl phthalate (DBP)		ND	30	--
Di-(2-ethylhexyl) phthalate (DEHP)		ND	30	--

**Note:**

1. mg/kg = ppm; 0.1wt% = 1000ppm
2. ND = Not Detected (<MDL)
3. MDL = Method Detection Limit

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4. "--" = Not Regulated

### 3. TEST PART DESCRIPTION

No.	Part Description	
1	Plastic enclosure	HDPE
2	Fixed seat	Nylon 6
3	Connection board	Iron with plating chrome
4	Screw & nut &	Metal
5	Spring	Metal
6	Gasket	Stainless steel 304
7	Cover	Nylon 66
8	Belt	Nylon
9	Expansion tube	PP
10	Screws	Metal

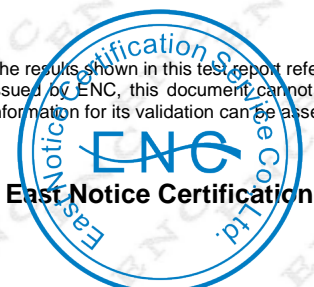
### 4. TEST RESULTS (Unit: mg/kg):

No.	Test Part	Unit	Pb	Cd	Hg	Cr <sup>6+</sup>	PBBs	PBDEs
1	Plastic enclosure	mg/kg	ND	ND	ND	ND	ND	ND
2	Fixed seat	mg/kg	ND	ND	ND	ND	ND	ND
3	Connection board	mg/kg	ND	ND	ND	ND	ND	ND
4	Screw & nut &	mg/kg	ND	ND	ND	ND	ND	ND
5	Spring	mg/kg	ND	ND	ND	ND	ND	ND
6	Gasket	mg/kg	ND	ND	ND	ND	ND	ND
7	Cover	mg/kg	ND	ND	ND	ND	ND	ND
8	Belt	mg/kg	ND	ND	ND	ND	ND	ND
9	Expansion tube	mg/kg	ND	ND	ND	ND	ND	ND
10	Screws	mg/kg	ND	ND	ND	ND	ND	ND

**Note:**

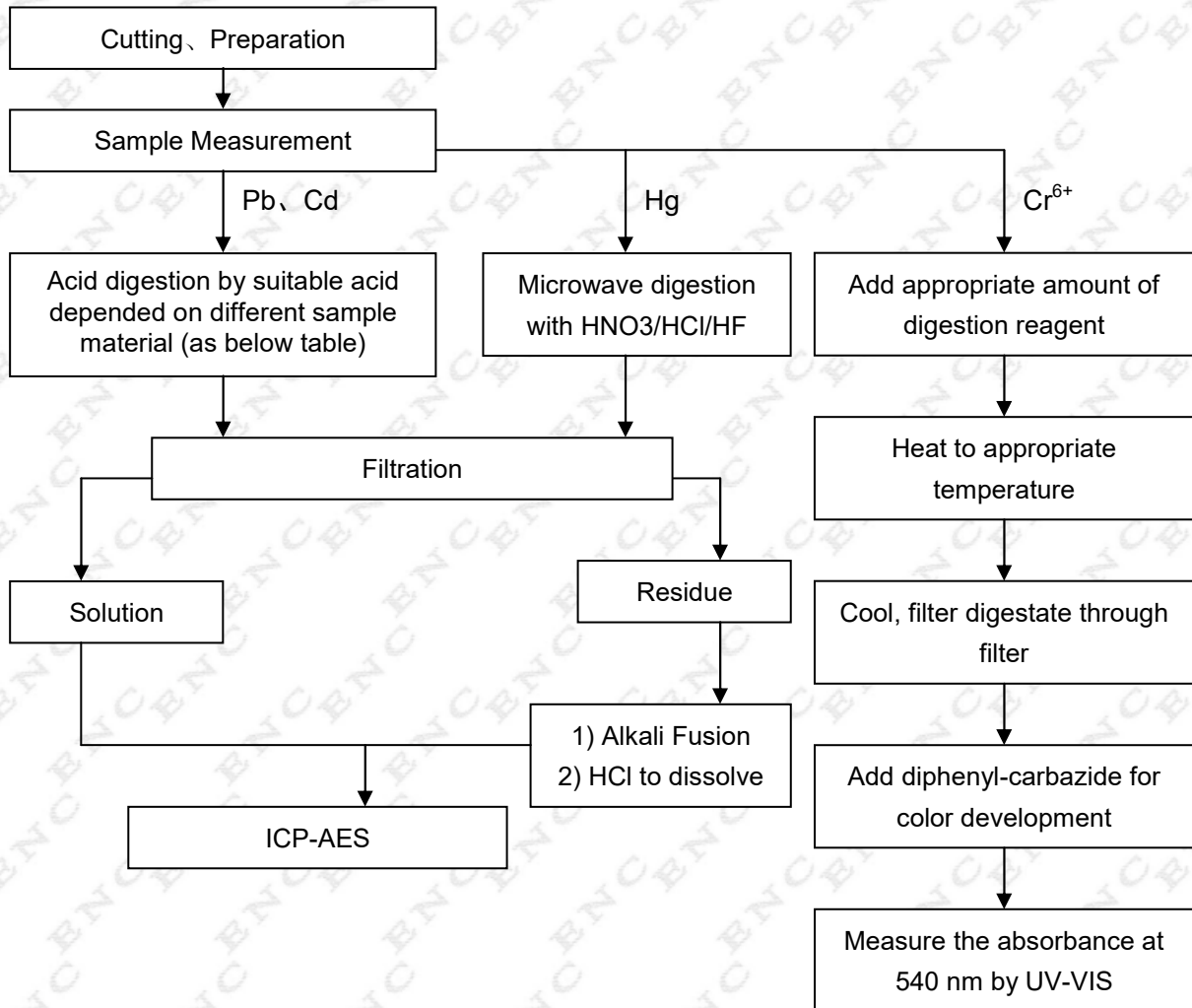
1. mg/kg = ppm; 0.1wt% = 1000ppm
2. ND = Not Detected (<MDL)

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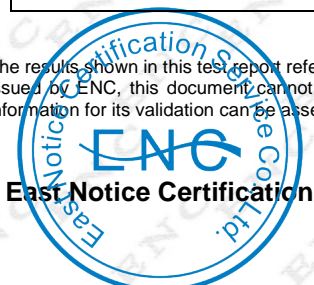
## 5. FLOW CHART

- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.  
(Cr<sup>6+</sup> test method excluded)
- 2) Name of the person who made measurement: Sam Liu
- 3) Name of the person in charge of measurement: Yemig



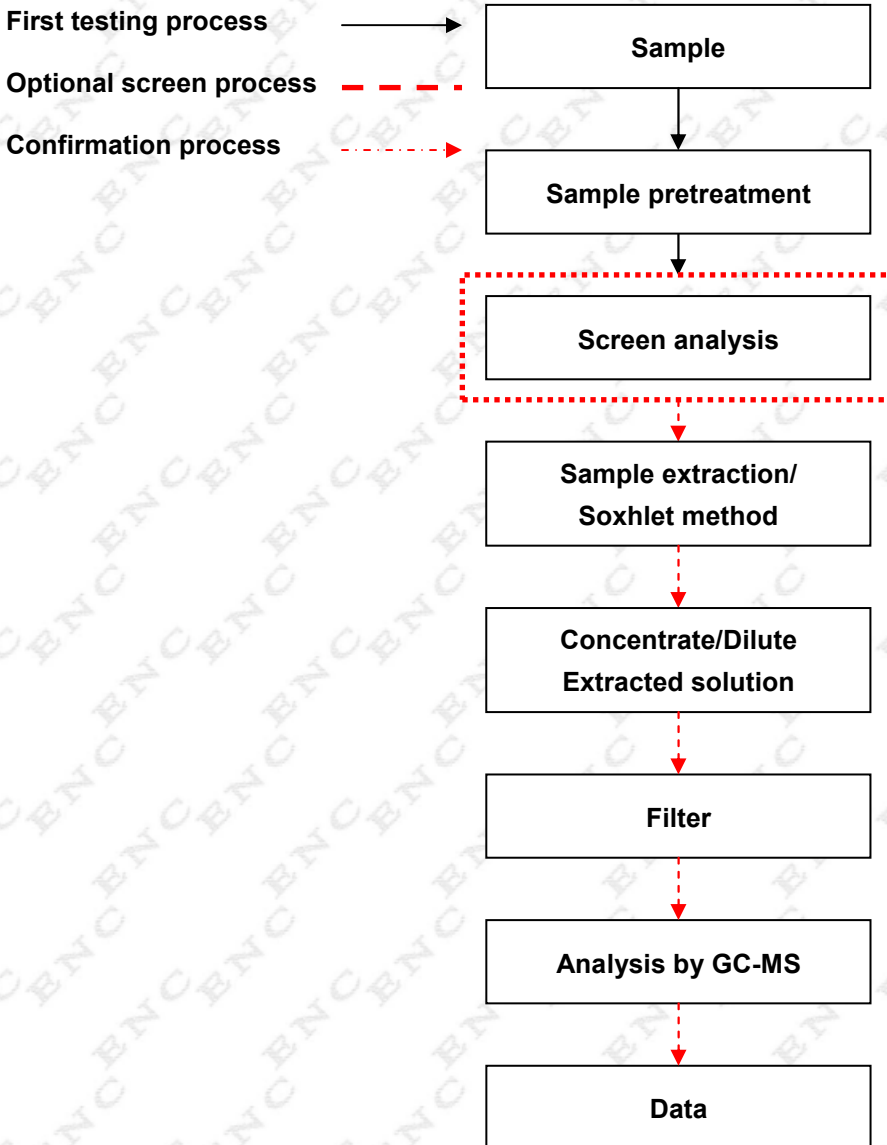
Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO <sub>3</sub> , HCl, HF, H <sub>2</sub> O <sub>2</sub>
Glass	HNO <sub>3</sub> /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO <sub>3</sub>
Plastic	H <sub>2</sub> SO <sub>4</sub> , H <sub>2</sub> O <sub>2</sub> , HNO <sub>3</sub> , HCl
Others	Any acid to total digestion

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## 6. PBB/PBDE ANALYTICAL FLOW CHART

- 1) Name of the person who made measurement: Liu Sam
- 2) Name of the person in charge of measurement: Yemig



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**APPENDIX**  
**PHOTOGRAPH(S) OF SAMPLE**

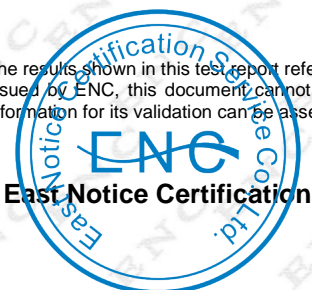


Front view



Back view

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Side view



Back view

---- END OF REPORT ----

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