Page: 1 of 17

# **TEST REPORT**

**Applicant**: Shenzhen Flytech(HUALET) Co.,Ltd.

Adress: Floor 2nd,Building 3,Ximen Industrial Park,Liaokeng,ShiyanTown,Baoan

District, Shenzhen City, P.R. China

**EUT Name**: MOUSE

Model No.: HM-815,HM-818,HM-817,HM-820,HM-900,HM-890,HM-916,

SS-212U,SS-210U,SS-211U

**Brand Name**: HUALET

**Test Period**: 09 Mar 2020 To 16 Mar 2020

**Manufacturer**: Shenzhen Flytech(HUALET) Co.,Ltd.

Adress: Floor 2nd,Building 3,Ximen Industrial Park,Liaokeng,ShiyanTown,Baoan

District, Shenzhen City, P.R. China

According to customer's requirements, according to ROHS Directive 2011/65/EU Appendix II Amendment Directive (EU) 2015/863, samples were screened by IEC 62321-3-1:2013 for XRF scanning, and samples

exceeding the screening limit were further confirmed by chemical testing

methods for Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP,

DEHP, DIBP.

Conclusions:

Remark:

1/2/

David Da

Manager

This test report is only responsible for incoming samples. This report shall not be reproduced without the written approval of our laboratory.

Page: 2 of 17

#### **Test Results:**

#### 1. XRF Scanning Test

IEC 62321-3-1:2013 XRF Scanning Limits for Controlled Elements

Test eleme	Limits required by IEC 6	2321-3-1:2013 (mg/kg)	Method Detection Limit	
nt	Polymers and Metals	Synthetic material	Polymer	Other materials
Pb	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(500-3σ) <x<(1500+3σ) ≤OL</x<(1500+3σ) 	10mg/kg	50mg/kg
Cd	BL≤(70-3σ) <x<(130+3σ)≤ol< td=""><td>LOD<x<(150+3σ)≤ol< td=""><td>10mg/kg</td><td>50mg/kg</td></x<(150+3σ)≤ol<></td></x<(130+3σ)≤ol<>	LOD <x<(150+3σ)≤ol< td=""><td>10mg/kg</td><td>50mg/kg</td></x<(150+3σ)≤ol<>	10mg/kg	50mg/kg
Hg	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(500-3σ) <x<(1500+3σ) ≤OL</x<(1500+3σ) 	10mg/kg	50mg/kg
Cr	$BL \le (700-3\sigma) \le X$	$BL \leq (500 - 3\sigma) \leq X$	10mg/kg	50mg/kg
Br	BL≤(300−3σ)≤X	BL≤(250−3σ)≤X	10mg/kg	50mg/kg

Note: BL = under XRF scan limit

OL = Chemistry test when the result exceeds the scan limit

X = X represents an area, and the value that falls in that area needs further confirmation.

 $3\sigma$ = repeatability of analytical instruments

LOD = detection limit

#### 2. Chemical Test

#### **Test Method:**

Test Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Mercury (Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
Hexavalent Chromium (CrVI)	IEC 62321:2008 Ed.1 Annex C	UV-Vis
Polybrominated Biphenyls(PBBs)	IEC 62321-6:2015	GC-MS
Polybrominated Diphenyl Ethers(PBDEs)	IEC 62321-6:2015	GC-MS
Phthalates(DBP,BBP,DEHP,DIBP)	IEC 62321-8:2017	GC-MS

 $\textbf{Report No.:} \quad \textbf{IP-ROHS20033180H}$ 

Page: 3 of 17

# The maximum permissible limit is quoted from the Directive 2015/863-Amendment of EU RoHS Directive 2011/65/EU ( R0HS 2.0) Annex II.

ROHS Restricted Substances	Maximum Concentration Value (by weight in homogenous materials)
Lead (Pb)	0.1%
Cadmium (Cd)	0.01%
Mercury (Hg)	0.1%
Hexavalent Chromium (Cr VI)	0.1%
Polybrominated biphenyls (PBBs)	0.1%
Polybrominated diphenylethers (PBDEs)	0.1%
Dibutyl Phthalate (DBP)	0.1%
Benzylbutyl Phthalate (BBP)	0.1%
Bis-(2-ethylhexyl) Phthalate (DEHP)	0.1%
Diisobutyl Phthalate (DIBP)	0.1%

Sample Description:

No.	Description	Name
1	Black Plastic	Shell
2	Black Plastic	Pulley
3	White	Printing ink
4	White	Sticker
5	Black PVC	Wire rod
6	White metal	Tin solder
7	Black	Sponge
8	Green	РСВ
9	Black	Components
10	White	light-emitting diode

Page: 4 of 17

# Test Result(No.1)

Tested Item(s)	XRF Scanning Results	Chemical test (mg/kg)	Conclusion
Lead (Pb)	BL	1	Pass
Cadmium (Cd)	BL	1	Pass
Mercury (Hg)	BL	1	Pass
Hexavalent Chromium (CrVI)	BL	1	Pass
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	BL	1	Pass
Dibromobiphenyl	BL	1	Pass
Tribromobiphenyl	BL	1	Pass
Tetrabromobiphenyl	BL	1	Pass
Pentabromobiphenyl	BL	1	Pass
Hexabromobiphenyl	BL	1	Pass
Heptabromobiphenyl	BL	1	Pass
Octabromobiphenyl	BL	1	Pass
Nonabromobiphenyl	BL	1	Pass
Decabromobiphenyl	BL	1	Pass
Polybrominated Diphenyl Ethers(F	PBDEs)		
Monobromodiphenyl ether	BL	1	Pass
Dibromodiphenyl ether	BL	1	Pass
Tribromodiphenyl ether	BL	/	Pass
Tetrabromodiphenyl ether	BL	1	Pass
Pentabromodiphenyl ether	BL	1	Pass
Hexabromodiphenyl ether	BL	1	Pass
Heptabromodiphenyl ether	BL	/	Pass
Octabromodiphenyl ether	BL	1	Pass
Nonabromodiphenyl ether	BL	1	Pass
Decabromodiphenyl ether	BL	1	Pass
Phthalates			
Dibutyl phthalate(DBP) CAS#:84-74-2	1	BL	Pass
Butylbenzyl phthalate(BBP) CAS#:85-68-7	1	BL	Pass
Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	1	BL	Pass
Diisobutyl phthalate(DIBP) CAS#:84-69-5	1	BL	Pass

Page: 5 of 17

# Test Result(No.2)

Tested Item(s)	XRF Scanning Results	Chemical test (mg/kg)	Conclusion
Lead (Pb)	BL	1	Pass
Cadmium (Cd)	BL	1	Pass
Mercury (Hg)	BL	1	Pass
Hexavalent Chromium (CrVI)	BL	1	Pass
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	BL	1	Pass
Dibromobiphenyl	BL	1	Pass
Tribromobiphenyl	BL	1	Pass
Tetrabromobiphenyl	BL	1	Pass
Pentabromobiphenyl	BL	1	Pass
Hexabromobiphenyl	BL	1	Pass
Heptabromobiphenyl	BL	1	Pass
Octabromobiphenyl	BL	1	Pass
Nonabromobiphenyl	BL	1	Pass
Decabromobiphenyl	BL	1	Pass
Polybrominated Diphenyl Ethers(F	PBDEs)		
Monobromodiphenyl ether	BL	1	Pass
Dibromodiphenyl ether	BL	1	Pass
Tribromodiphenyl ether	BL	1	Pass
Tetrabromodiphenyl ether	BL	1	Pass
Pentabromodiphenyl ether	BL	1	Pass
Hexabromodiphenyl ether	BL	1	Pass
Heptabromodiphenyl ether	BL	1	Pass
Octabromodiphenyl ether	BL	1	Pass
Nonabromodiphenyl ether	BL	1	Pass
Decabromodiphenyl ether	BL	1	Pass
Phthalates			
Dibutyl phthalate(DBP) CAS#:84-74-2	1	BL	Pass
Butylbenzyl phthalate(BBP) CAS#:85-68-7	1	BL	Pass
Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	1	BL	Pass
Diisobutyl phthalate(DIBP) CAS#:84-69-5	1	BL	Pass

 ${\tt Report\ No.:\ IP-ROHS20033180H}$ 

Page: 6 of 17

# Test Result(No.3)

Tested Item(s)	XRF Scanning Results	Chemical test (mg/kg)	Conclusion
Lead (Pb)	BL	1	Pass
Cadmium (Cd)	BL	1	Pass
Mercury (Hg)	BL	1	Pass
Hexavalent Chromium (CrVI)	BL	1	Pass
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	BL	1	Pass
Dibromobiphenyl	BL	1	Pass
Tribromobiphenyl	BL	1	Pass
Tetrabromobiphenyl	BL	1	Pass
Pentabromobiphenyl	BL	1	Pass
Hexabromobiphenyl	BL	1	Pass
Heptabromobiphenyl	BL	1	Pass
Octabromobiphenyl	BL	1	Pass
Nonabromobiphenyl	BL	1	Pass
Decabromobiphenyl	BL	1	Pass
Polybrominated Diphenyl Ethers(F	PBDEs)		
Monobromodiphenyl ether	BL	1	Pass
Dibromodiphenyl ether	BL	1	Pass
Tribromodiphenyl ether	BL	1	Pass
Tetrabromodiphenyl ether	BL	1	Pass
Pentabromodiphenyl ether	BL	1	Pass
Hexabromodiphenyl ether	BL	1	Pass
Heptabromodiphenyl ether	BL	1	Pass
Octabromodiphenyl ether	BL	1	Pass
Nonabromodiphenyl ether	BL	1	Pass
Decabromodiphenyl ether	BL	1	Pass
Phthalates			
Dibutyl phthalate(DBP) CAS#:84-74-2	1	BL	Pass
Butylbenzyl phthalate(BBP) CAS#:85-68-7	1	BL	Pass
Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	1	BL	Pass
Diisobutyl phthalate(DIBP) CAS#:84-69-5	1	BL	Pass

Page: 7 of 17

# Test Result(No.4)

Tested Item(s)	XRF Scanning Results	Chemical test (mg/kg)	Conclusion
Lead (Pb)	BL	1	Pass
Cadmium (Cd)	BL	1	Pass
Mercury (Hg)	BL	1	Pass
Hexavalent Chromium (CrVI)	BL	1	Pass
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	BL	1	Pass
Dibromobiphenyl	BL	1	Pass
Tribromobiphenyl	BL	1	Pass
Tetrabromobiphenyl	BL	1	Pass
Pentabromobiphenyl	BL	1	Pass
Hexabromobiphenyl	BL	1	Pass
Heptabromobiphenyl	BL	1	Pass
Octabromobiphenyl	BL	1	Pass
Nonabromobiphenyl	BL	1	Pass
Decabromobiphenyl	BL	1	Pass
Polybrominated Diphenyl Ethers(F	PBDEs)		
Monobromodiphenyl ether	BL	1	Pass
Dibromodiphenyl ether	BL	1	Pass
Tribromodiphenyl ether	BL	/	Pass
Tetrabromodiphenyl ether	BL	1	Pass
Pentabromodiphenyl ether	BL	1	Pass
Hexabromodiphenyl ether	BL	1	Pass
Heptabromodiphenyl ether	BL	/	Pass
Octabromodiphenyl ether	BL	1	Pass
Nonabromodiphenyl ether	BL	1	Pass
Decabromodiphenyl ether	BL	1	Pass
Phthalates			
Dibutyl phthalate(DBP) CAS#:84-74-2	1	BL	Pass
Butylbenzyl phthalate(BBP) CAS#:85-68-7	1	BL	Pass
Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	1	BL	Pass
Diisobutyl phthalate(DIBP) CAS#:84-69-5	1	BL	Pass

Page: 8 of 17

# Test Result(No.5)

Tested Item(s)	XRF Scanning Results	Chemical test (mg/kg)	Conclusion
Lead (Pb)	BL	1	Pass
Cadmium (Cd)	BL	1	Pass
Mercury (Hg)	BL	1	Pass
Hexavalent Chromium (CrVI)	BL	1	Pass
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	BL	1	Pass
Dibromobiphenyl	BL	1	Pass
Tribromobiphenyl	BL	1	Pass
Tetrabromobiphenyl	BL	1	Pass
Pentabromobiphenyl	BL	1	Pass
Hexabromobiphenyl	BL	1	Pass
Heptabromobiphenyl	BL	1	Pass
Octabromobiphenyl	BL	1	Pass
Nonabromobiphenyl	BL	1	Pass
Decabromobiphenyl	BL	1	Pass
Polybrominated Diphenyl Ethers(F	PBDEs)		
Monobromodiphenyl ether	BL	1	Pass
Dibromodiphenyl ether	BL	1	Pass
Tribromodiphenyl ether	BL	/	Pass
Tetrabromodiphenyl ether	BL	1	Pass
Pentabromodiphenyl ether	BL	1	Pass
Hexabromodiphenyl ether	BL	1	Pass
Heptabromodiphenyl ether	BL	/	Pass
Octabromodiphenyl ether	BL	1	Pass
Nonabromodiphenyl ether	BL	1	Pass
Decabromodiphenyl ether	BL	1	Pass
Phthalates			
Dibutyl phthalate(DBP) CAS#:84-74-2	1	BL	Pass
Butylbenzyl phthalate(BBP) CAS#:85-68-7	1	BL	Pass
Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	1	BL	Pass
Diisobutyl phthalate(DIBP) CAS#:84-69-5	1	BL	Pass

 ${\tt Report\ No.:\ IP-ROHS20033180H}$ 

Page: 9 of 17

# Test Result(No.6)

Tested Item(s)	XRF Scanning Results	Chemical test (mg/kg)	Conclusion
Lead (Pb)	BL	1	Pass
Cadmium (Cd)	BL	1	Pass
Mercury (Hg)	BL	1	Pass
Hexavalent Chromium (CrVI)	BL	1	Pass
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	1	1	Pass
Dibromobiphenyl	1	1	Pass
Tribromobiphenyl	1	/	Pass
Tetrabromobiphenyl	1	1	Pass
Pentabromobiphenyl	1	/	Pass
Hexabromobiphenyl	1	/	Pass
Heptabromobiphenyl	1	1	Pass
Octabromobiphenyl	1	1	Pass
Nonabromobiphenyl	1	1	Pass
Decabromobiphenyl Polybrominated Diphenyl Ethers(F	<u>          /                          </u>	/	Pass
Monobromodiphenyl ether		/	Pass
Dibromodiphenyl ether	1	/	Pass
Tribromodiphenyl ether	1	1	Pass
Tetrabromodiphenyl ether	1	1	Pass
Pentabromodiphenyl ether	1	1	Pass
Hexabromodiphenyl ether	1	1	Pass
Heptabromodiphenyl ether	1	/	Pass
Octabromodiphenyl ether	1	1	Pass
Nonabromodiphenyl ether	1	1	Pass
Decabromodiphenyl ether	1	1	Pass
Phthalates			
Dibutyl phthalate(DBP) CAS#:84-74-2	1	1	Pass
Butylbenzyl phthalate(BBP) CAS#:85-68-7	1	1	Pass
Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	1	1	Pass
Diisobutyl phthalate(DIBP) CAS#:84-69-5	1	1	Pass

 ${\tt Report\ No.:\ IP-ROHS20033180H}$ 

Page: 10 of 17

# Test Result(No.7)

Tested Item(s)	XRF Scanning Results	Chemical test (mg/kg)	Conclusion
Lead (Pb)	BL	1	Pass
Cadmium (Cd)	BL	1	Pass
Mercury (Hg)	BL	1	Pass
Hexavalent Chromium (CrVI)	BL	1	Pass
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	BL	1	Pass
Dibromobiphenyl	BL	1	Pass
Tribromobiphenyl	BL	1	Pass
Tetrabromobiphenyl	BL	1	Pass
Pentabromobiphenyl	BL	1	Pass
Hexabromobiphenyl	BL	1	Pass
Heptabromobiphenyl	BL	1	Pass
Octabromobiphenyl	BL	1	Pass
Nonabromobiphenyl	BL	1	Pass
Decabromobiphenyl	BL	1	Pass
Polybrominated Diphenyl Ethers(F	PBDEs)		
Monobromodiphenyl ether	BL	1	Pass
Dibromodiphenyl ether	BL	1	Pass
Tribromodiphenyl ether	BL	1	Pass
Tetrabromodiphenyl ether	BL	1	Pass
Pentabromodiphenyl ether	BL	1	Pass
Hexabromodiphenyl ether	BL	1	Pass
Heptabromodiphenyl ether	BL	1	Pass
Octabromodiphenyl ether	BL	1	Pass
Nonabromodiphenyl ether	BL	1	Pass
Decabromodiphenyl ether	BL	1	Pass
Phthalates			
Dibutyl phthalate(DBP) CAS#:84-74-2	1	BL	Pass
Butylbenzyl phthalate(BBP) CAS#:85-68-7	1	BL	Pass
Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	1	BL	Pass
Diisobutyl phthalate(DIBP) CAS#:84-69-5	1	BL	Pass

Page: 11 of 17

# Test Result(No.8)

Tested Item(s)	XRF Scanning Results	Chemical test (mg/kg)	Conclusion
Lead (Pb)	BL	1	Pass
Cadmium (Cd)	BL	1	Pass
Mercury (Hg)	BL	1	Pass
Hexavalent Chromium (CrVI)	BL	1	Pass
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	BL	1	Pass
Dibromobiphenyl	BL	/	Pass
Tribromobiphenyl	BL	/	Pass
Tetrabromobiphenyl	BL	1	Pass
Pentabromobiphenyl	BL	1	Pass
Hexabromobiphenyl	BL	/	Pass
Heptabromobiphenyl	BL	/	Pass
Octabromobiphenyl	BL	/	Pass
Nonabromobiphenyl	BL	/	Pass
Decabromobiphenyl	BL	/	Pass
Polybrominated Diphenyl Ethers(F	PBDEs)		
Monobromodiphenyl ether	BL	/	Pass
Dibromodiphenyl ether	BL	/	Pass
Tribromodiphenyl ether	BL	1	Pass
Tetrabromodiphenyl ether	BL	/	Pass
Pentabromodiphenyl ether	BL	1	Pass
Hexabromodiphenyl ether	BL	1	Pass
Heptabromodiphenyl ether	BL	1	Pass
Octabromodiphenyl ether	BL	1	Pass
Nonabromodiphenyl ether	BL	1	Pass
Decabromodiphenyl ether	BL	1	Pass
Phthalates			
Dibutyl phthalate(DBP) CAS#:84-74-2	1	BL	Pass
Butylbenzyl phthalate(BBP) CAS#:85-68-7	1	BL	Pass
Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	1	BL	Pass
Diisobutyl phthalate(DIBP) CAS#:84-69-5	1	BL	Pass

Page: 12 of 17

# Test Result(No.9)

Tested Item(s)	XRF Scanning Results	Chemical test (mg/kg)	Conclusion	
Lead (Pb)	BL	1	Pass	
Cadmium (Cd)	BL	1	Pass	
Mercury (Hg)	BL	1	Pass	
Hexavalent Chromium (CrVI)	BL	1	Pass	
Polybrominated Biphenyls(PBBs)				
Monobromobiphenyl	BL	1	Pass	
Dibromobiphenyl	BL	1	Pass	
Tribromobiphenyl	BL	1	Pass	
Tetrabromobiphenyl	BL	1	Pass	
Pentabromobiphenyl	BL	1	Pass	
Hexabromobiphenyl	BL	1	Pass	
Heptabromobiphenyl	BL	1	Pass	
Octabromobiphenyl	BL	1	Pass	
Nonabromobiphenyl	BL	1	Pass	
Decabromobiphenyl	BL	1	Pass	
Polybrominated Diphenyl Ethers(PBDEs)				
Monobromodiphenyl ether	BL	1	Pass	
Dibromodiphenyl ether	BL	1	Pass	
Tribromodiphenyl ether	BL	/	Pass	
Tetrabromodiphenyl ether	BL	1	Pass	
Pentabromodiphenyl ether	BL	1	Pass	
Hexabromodiphenyl ether	BL	1	Pass	
Heptabromodiphenyl ether	BL	/	Pass	
Octabromodiphenyl ether	BL	/	Pass	
Nonabromodiphenyl ether	BL	1	Pass	
Decabromodiphenyl ether	BL	1	Pass	
Phthalates				
Dibutyl phthalate(DBP) CAS#:84-74-2	1	BL	Pass	
Butylbenzyl phthalate(BBP) CAS#:85-68-7	1	BL	Pass	
Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	1	BL	Pass	
Diisobutyl phthalate(DIBP) CAS#:84-69-5	1	BL	Pass	

 $\textbf{Report No.:} \quad \textbf{IP-ROHS20033180H}$ 

Page: 13 of 17

### Test Result(No.10)

Tested Item(s)	XRF Scanning Results	Chemical test (mg/kg)	Conclusion	
Lead (Pb)	BL	1	Pass	
Cadmium (Cd)	BL	1	Pass	
Mercury (Hg)	BL	1	Pass	
Hexavalent Chromium (CrVI)	BL	1	Pass	
Polybrominated Biphenyls(PBBs)				
Monobromobiphenyl	BL	1	Pass	
Dibromobiphenyl	BL	/	Pass	
Tribromobiphenyl	BL	/	Pass	
Tetrabromobiphenyl	BL	1	Pass	
Pentabromobiphenyl	BL	1	Pass	
Hexabromobiphenyl	BL	/	Pass	
Heptabromobiphenyl	BL	/	Pass	
Octabromobiphenyl	BL	/	Pass	
Nonabromobiphenyl	BL	/	Pass	
Decabromobiphenyl	BL	/	Pass	
Polybrominated Diphenyl Ethers(PBDEs)				
Monobromodiphenyl ether	BL	/	Pass	
Dibromodiphenyl ether	BL	/	Pass	
Tribromodiphenyl ether	BL	1	Pass	
Tetrabromodiphenyl ether	BL	1	Pass	
Pentabromodiphenyl ether	BL	1	Pass	
Hexabromodiphenyl ether	BL	1	Pass	
Heptabromodiphenyl ether	BL	1	Pass	
Octabromodiphenyl ether	BL	1	Pass	
Nonabromodiphenyl ether	BL	1	Pass	
Decabromodiphenyl ether	BL	1	Pass	
Phthalates				
Dibutyl phthalate(DBP) CAS#:84-74-2	1	BL	Pass	
Butylbenzyl phthalate(BBP) CAS#:85-68-7	1	BL	Pass	
Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	1	BL	Pass	
Diisobutyl phthalate(DIBP) CAS#:84-69-5	1	BL	Pass	

#### Remarks:

- (1) 1 mg/kg=1 ppm = 0.0001%
- (2) MDL=method detection limit
- (3) ND=undetected (< MDL)

Page: 14 of 17

- (4) /=Uncontrolled or not applicable
- (5) BL=under XRF scan limit
- (6) IN=Chemistry testing is required when the scan results are uncertain
- (7) OL=Chemistry test when the result exceeds the scan limit
- (8) Negative=no hexavalent chromium chromium Cr(VI),the concentration of hexavalent chromium in the solution extracted with boiling water is less than 0.10 μ g/cm²for samples with surface area of 50cm²
- (9) Positive=chromium Cr(VI) containing hexavalent chromium. The concentration of chromium Cr(VI) in the solution extracted with boiling water is more than  $0.13 \,\mu$  g/cm² for samples with surface area of  $50 \,\text{cm}^2$ .
- (10) When testing PBBs and PBDEs in samples,XRF can only scan the bromine element in samples;when testing hexavalent chromium in samples,XRF can only scan the chromium element in samples.

Page: 15 of 17

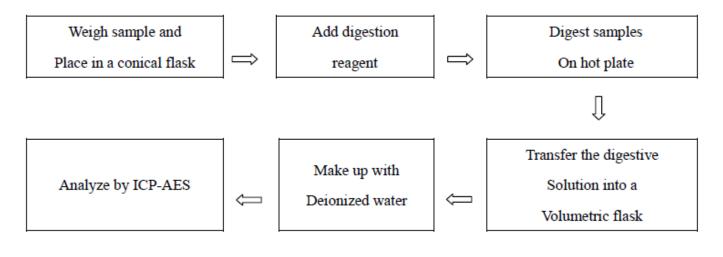
#### **ATTACHMENTS**

#### **ROHS Testing Flow Chart**

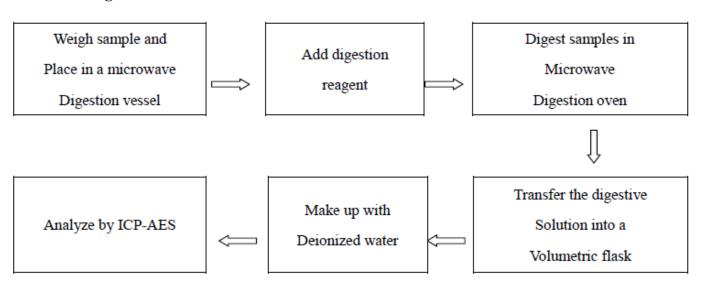
- 1) Name of the person who made testing: Jim Chen
- 2) Name of the person in charge of testing: Jack Wang

#### **Test Process:**

#### 1. Test for Cd/Pb Content

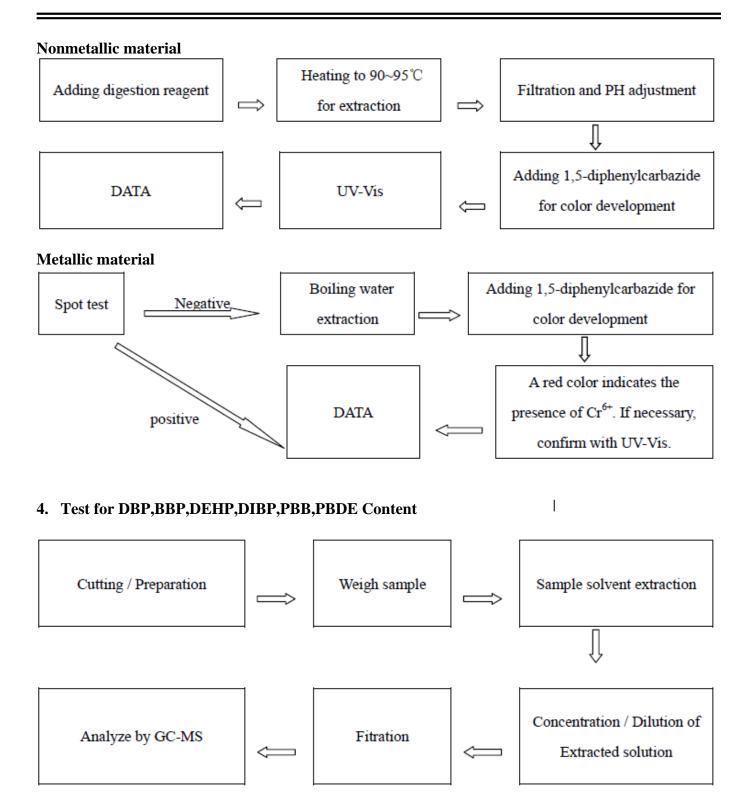


#### 2. Test for Hg Content



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

Page: 16 of 17



Report No.: IP-ROHS20033180H Page: 17 of 17

### Sample photo:





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