

寶 號  
CUSTOMER

IBS TECHNOLOGY HK INTL LTD.

# 承 認 書

SPECIFICATION FOR APPROVAL

品 名  
DESCRIPTION 螺帽

型 號  
MODEL NO F45M20-080930D4BM

客 戶 料 號  
CUSTOMER PART NO.

單 重  
WEIGHT 0.1131 g

日 期  
DATE 2019/10/16

APPROVE CENTER		
APPROVE	APPROVE	APPROVE
林奇鋒	王娟	高昱智



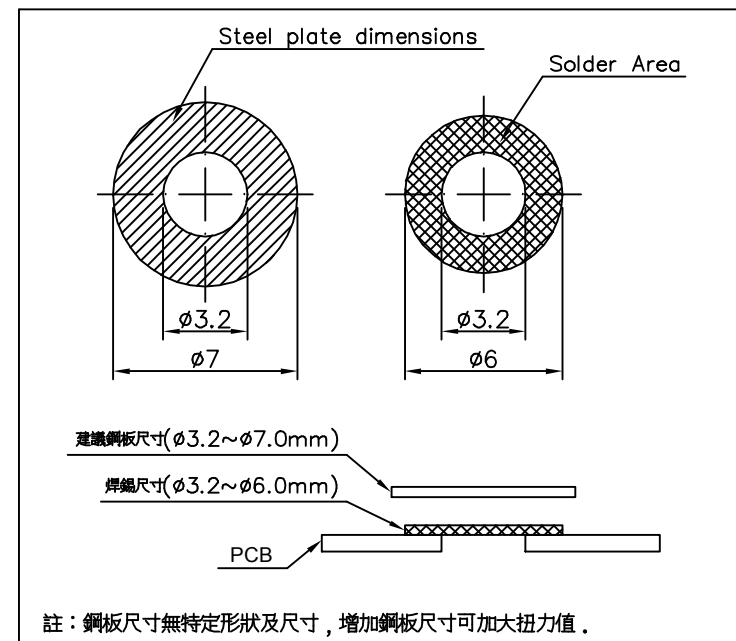
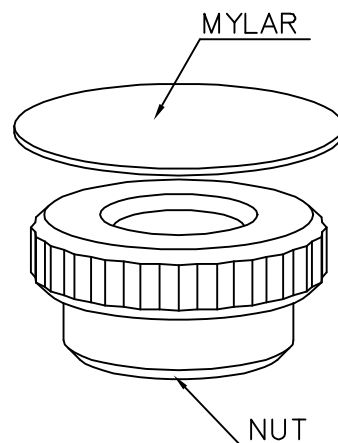
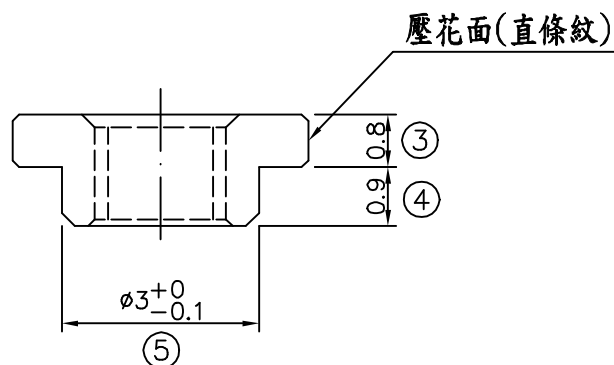
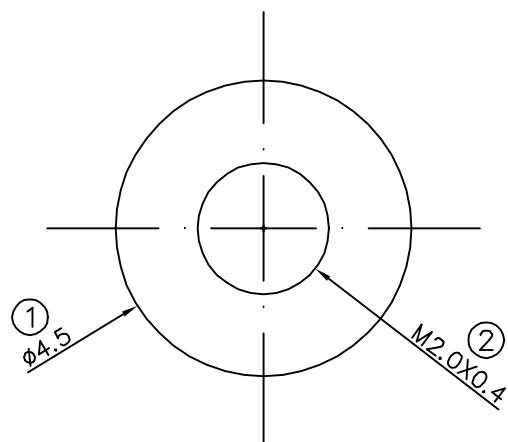
榮 益 電 子 ( 昆 山 ) 有 限 公 司  
榮益使EMI變容易 EMI STOP STOP EMI

江苏省昆山市开发区太湖南路9号

TEL: 86(512)5763-5511 FAX: 86(512)5763-5522

E-mail:service@emistop.com



0006/30-'11



PCB Recommend Layout Pattern

## Note:

1. Material: Brass Lead Free
2. Electroplate: Matte Sn
3. Tolerance:  $\pm 0.2\text{mm}$
4. Conform "RoHS" & "GP" & "HSF" & "HF"
5. IR Reflow temperature is  $240^{\circ}\text{C}$
6. Storing date: Three months.

00 06/30-'11		新制圖	
DRAFT Lingyan Tsai		DATE 06/30-'11	
CHECKER Gabby Weng		TOLERANCES .X ± 0.20 .XXX ± _____ .XX ± 0.20 ANGLES 2°	
APPROVAL Jacky Lin		DATE 06/30-'11	
DRAWING NO F45M20-080930D4BM		REV 00 SHEET 1/1 UNIT mm SCALE 1:1	
MATERIAL			
 EMI STOP CORP.			
DESCRIPTION F45M20-080930D4BM		PART NUMBER	



# 榮益電子(昆山)有限公司 EMI STOP CORP.

榮益使 EMI變容易 EMI STOP STOP EMI

TEL : 86(512) 5763-5511 FAX : 86(512) 5763-5522 E-mail:service@emistop.com

## FAI Report

品名：螺帽

客戶料號： 榮益料號： F45M20-080930D4BM 測試日期： 2019/10/16

項次	尺寸	單位	公差值			量測值					DIMENSION ACCEPTABLE		備註	
						1	2	3	4	5	YES	NO		
1	4.50	mm	+	0.20	-	0.20	4.49	4.49	4.48	4.49	4.49	V		
2	M2.0	mm	+		-		GO	GO	GO	GO	GO	V		
3	0.80	mm	+	0.20	-	0.20	0.80	0.79	0.80	0.80	0.80	V		
4	0.90	mm	+	0.20	-	0.20	0.90	0.90	0.89	0.90	0.90	V		
5	3.00	mm	+	0.00	-	0.10	2.96	2.97	2.96	2.97	2.97	V		
6		mm	+		-									
7		mm	+		-									

測量員：詹小芳

審核：高昱智

FR24-5



# 榮益電子(昆山)有限公司 EMI STOP CORP.

榮益使 EMI變容易 EMI STOP STOP EMI

TEL : 86(512) 5763-5511 FAX : 86(512) 5763-5522 E-mail:service@emistop.com

## CPK Report

榮益料號	F45M20-080930D4BM	Date	2019/10/16 15:22
客戶料號		Inches/mm	mm
Description	螺帽	Inspector	詹小芳
檢測儀器	2.5D	Reviewer	高昱智

Dim. Designator	1	2	3				
Nominal	4.50	0.80	0.90				
+ Tolerance	0.20	0.20	0.20				
- Tolerance	-0.20	-0.20	-0.20				
Upper Limit	4.70	1.00	1.10				
Lower Limit	4.30	0.60	0.70				
1	4.49	0.80	0.90				
2	4.49	0.79	0.90				
3	4.48	0.80	0.89				
4	4.49	0.80	0.90				
5	4.41	0.79	0.90				
6	4.47	0.73	0.88				
7	4.49	0.75	0.90				
8	4.48	0.71	0.81				
9	4.41	0.80	0.83				
10	4.45	0.75	0.86				
11	4.49	0.80	0.80				
12	4.43	0.72	0.85				
13	4.40	0.73	0.89				
MAX.	4.4900	0.8000	0.9000				
MIN.	4.4000	0.7100	0.8000				
AVERAGE	4.4600	0.7669	0.8700				
STDEV	0.0354	0.0357	0.0365				
Ca	0.2000	0.1654	0.1500				
CP	1.8856	1.8684	1.8257				
Cpk	1.5085	1.5594	1.5519				

FR33-7

宁波博威合金材料股份有限公司  
NINGBO POWERWAY ALLOY MATERIAL CO.,LTD.

产品检测报告单CERTIFICATE OF TEST

客户(CUSTOMER) : 昆山门市部

产品名称Description	规格Size (mm)		状态Temper		数量Quantity(Kgs)		执行标准Specification		批号Lot No.		
Lead-free Brass HBI59-1.5	Φ4.5		Y2		1093.2		Q/NPWZ 004		2016090511		
元素Element	Cu (%)	Bi (%)	Pb (%)	Cd(%)	Sb +B+Ni+Sn (%)	杂质元素Other element (%)	Zn (%)	备注			
标准要求Test Spec.	58~62	0.3~2.2	< 0.1	<0.0050	<1.2	Other all< 0.2	Rem				
检测结果Test Result	59.14	2.00	0.0041	0.0002							
检测项目Test Item	抗拉强度Tensile Strength (Mpa)			断后伸长率 Elongation (%)		硬 度Hardness (HV)					
检测结果Test Result	504			11		-----					
检测项目Test Item	尺寸公差Size (mm)			其它Other							
检测结果Test Result	OK			OK							
申明：我单位提供的产品，经过放射性水平监测，辐射剂量水平处于本底范围内，无放射性污染。											

检验员(checker):

质量主管(manager):

产品合格专用章(badge)

签发日期(date): 2016-9-5

## Test Report

No. SHAEC1917584303

Date: 12 Aug 2019

Page 1 of 5

NINGBO POWERWAY ALLOY MATERIAL CO.,LTD

TAIPING BRIDGE,YUNLONG TOWN,YINZHOU DISTRICT,NINGBO CITY,CHINA

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

SGS Job No. : SP19-027382 - SH

Model No. : HBi59-1.5

Client Ref. Information : HBi60-1.3/C6801/C49250/HBi59-1

Main Substance : Cu,Zn,Bi

Date of Sample Received : 08 Aug 2019

Testing Period : 08 Aug 2019 - 12 Aug 2019

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).

Conclusion : Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

*Dora Hu*

Dora Hu  
Approved Signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

3<sup>rd</sup> Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn  
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. SHAEC1917584303

Date: 12 Aug 2019

Page 2 of 5

Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA19-175843.002	Copper metal

Remarks :

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

### RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method : With reference to IEC 62321-4:2013+AMD1:2017, IEC62321-5:2013 and IEC62321-7-1:2015, analyzed by ICP-OES and UV-Vis .

Test Item(s)	Limit	Unit	MDL	002
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	25
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))▼	-	µg/cm <sup>2</sup>	0.10	ND

Notes :

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.  
IEC 62321 series is equivalent to EN 62321 series  
[https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1258637,25](https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25)
- (2) ▼ = a. The sample is positive for CrVI if the CrVI concentration is greater than 0.13 µg/cm<sup>2</sup>.  
The sample coating is considered to contain CrVI  
b. The sample is negative for CrVI if CrVI is ND (concentration less than 0.10 µg/cm<sup>2</sup>). The coating is considered a non-CrVI based coating  
c. The result between 0.10 µg/cm<sup>2</sup> and 0.13 µg/cm<sup>2</sup> is considered to be inconclusive - unavoidable coating variations may influence the determination  
Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS-CTC (Shanghai) Technical Services (Shanghai) Co., Ltd.  
Testing Center - Client's Property

3<sup>rd</sup> Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233  
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

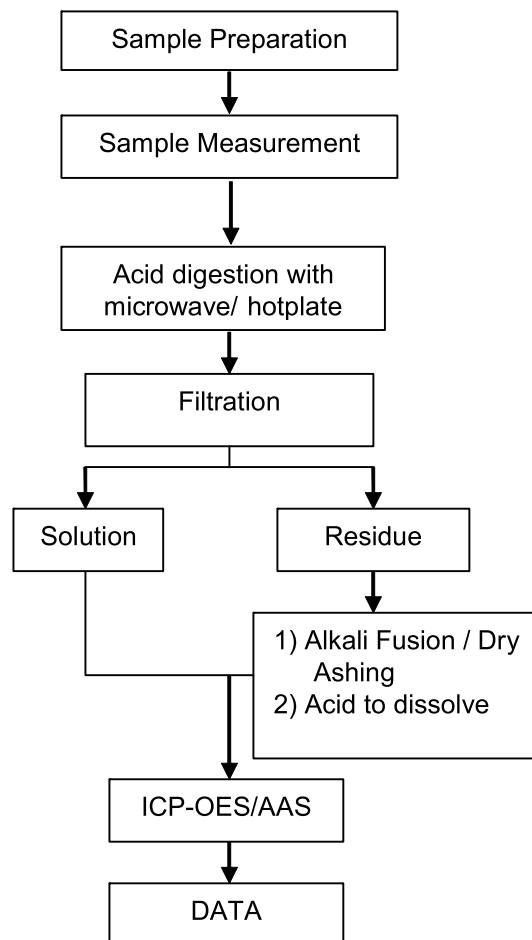
tE&E (86-21) 61402553 fE&E (86-21) 64953679 www.sgs.com.cn  
tHL (86-21) 61402594 fHL (86-21) 61156899 e sgs.china@sgs.com



## ATTACHMENTS

### Elements (IEC62321) Testing Flow Chart

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.



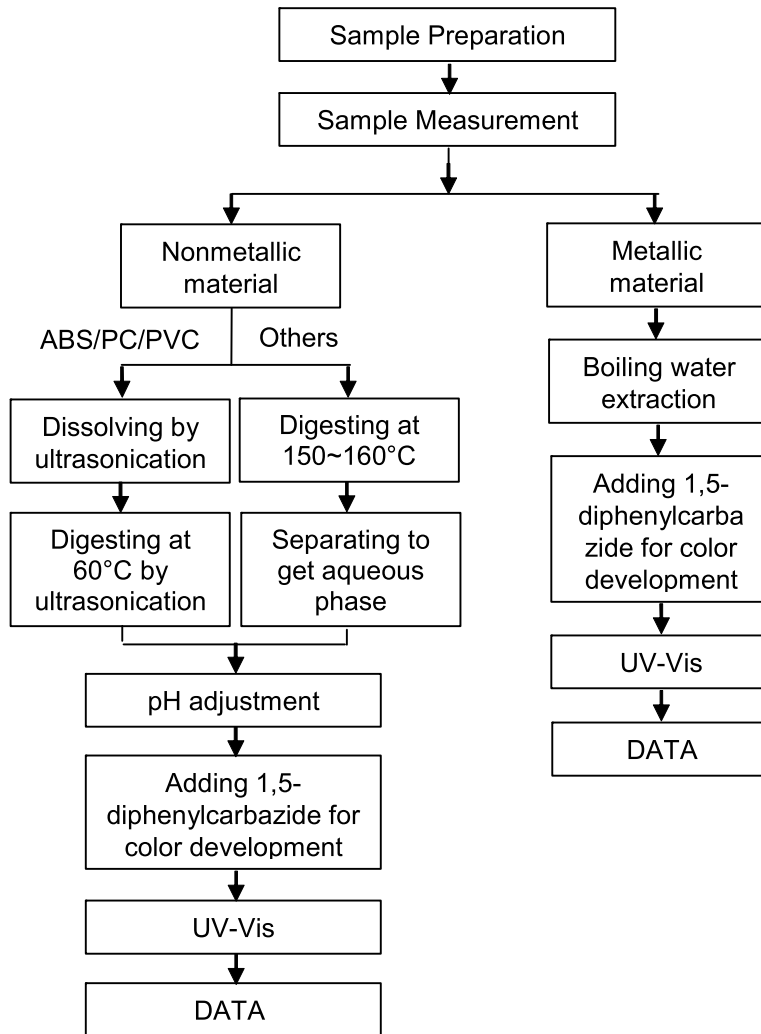
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)



## ATTACHMENTS

### Hexavalent Chromium (Cr(VI)) Testing Flow Chart



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
 Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS-CSTC (Shanghai) Technical Services Co., Ltd.  
 Testing Center - Client's Property

3<sup>rd</sup> Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233  
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

tE&E (86-21) 61402553 fE&E (86-21) 64953679 www.sgsgroup.com.cn  
 tHL (86-21) 61402594 fHL (86-21) 61156899 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. SHAEC1917584303

Date: 12 Aug 2019

Page 5 of 5

Sample photo:



SGS authenticate the photo on original report only

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)  
 3<sup>rd</sup> Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 tE&E (86-21) 61402553 fE&E (86-21) 64953679 www.sgsgroup.com.cn  
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 tHL (86-21) 61402594 fHL (86-21) 61156899 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

# Test Report



Page 1 of 7

**Report No.** A2180238379101005

**Applicant** SUZHOU HUATING PLATED ORNAMENTS CO., LTD

**Address** DAZHUANG FACTORY AREA ,HUANGQIAO TOWN ,XIANGCHENG DISTRICT ,SUZHOU CITY

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client**

Sample Name Mat-Sn plating  
Color silver gray  
Sample Received Date Dec. 4, 2018  
Testing Period Dec. 4, 2018 to Dec. 7, 2018

**Test Requested** As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP), Beryllium(Be), Antimony(Sb) Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I), Perfluorooctane Sulfonates (PFOS), Perfluorooctanoic Acid (PFOA) in the submitted sample(s).

**Test Method** Please refer to the following page(s).

**Test Result(s)** Please refer to the following page(s).



Tested by  
Yu Jie

Approved by  
Song Yan

Song Yan

Technical Manager

Reviewed by

Wu Jian Ji

Date

Dec. 7, 2018

No. R375301230

No.3286Chengyang Road, Xiangcheng District, Suzhou,Jiangsu

# Test Report

**Report No.** A2180238379101005

Page 2 of 7

**Test Method**

Test Item(s)	Test Method	Measured Equipment(s)
Lead(Pb)	Refer to IEC 62321-5:2013	ICP-OES
Cadmium(Cd)	Refer to IEC 62321-5:2013	ICP-OES
Mercury(Hg)	Refer to IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015	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
Beryllium(Be)	Refer to US EPA 3050B:1996 & US EPA 6010D:2014	ICP-OES
Antimony(Sb)	Refer to US EPA 3050B:1996 & US EPA 6010D:2014	ICP-OES
Fluorine (F)	Refer to EN 14582:2016*	IC
Chlorine (Cl)	Refer to EN 14582:2016*	IC
Bromine (Br)	Refer to EN 14582:2016*	IC
Iodine (I)	Refer to EN 14582:2016*	IC
Perfluorooctane Sulfonates (PFOS)	Refer to US EPA 3550C:2007 & US EPA 8321B:2007	LC-MS-MS
Perfluorooctanoic Acid (PFOA)	Refer to US EPA 3550C:2007 & US EPA 8321B:2007	LC-MS-MS

# Test Report

Report No. A2180238379101005

Page 3 of 7

## Test Result(s)

Tested Item(s)	Result	MDL
Lead(Pb)	31 mg/kg	2 mg/kg
Cadmium(Cd)	N.D.	2 mg/kg
Mercury(Hg)	N.D.	2 mg/kg
Hexavalent Chromium(Cr(VI))	N.D. ▼	0.10 µg/cm <sup>2</sup> (LOQ)
Tested Item(s)	Result	MDL
<b>Polybrominated Biphenyls(PBBs)</b>		
Monobromobiphenyl	N.D.	5 mg/kg
Dibromobiphenyl	N.D.	5 mg/kg
Tribromobiphenyl	N.D.	5 mg/kg
Tetrabromobiphenyl	N.D.	5 mg/kg
Pentabromobiphenyl	N.D.	5 mg/kg
Hexabromobiphenyl	N.D.	5 mg/kg
Heptabromobiphenyl	N.D.	5 mg/kg
Octabromobiphenyl	N.D.	5 mg/kg
Nonabromobiphenyl	N.D.	5 mg/kg
Decabromobiphenyl	N.D.	5 mg/kg
Tested Item(s)	Result	MDL
<b>Polybrominated Diphenyl Ethers (PBDEs)</b>		
Monobromodiphenyl ether	N.D.	5 mg/kg
Dibromodiphenyl ether	N.D.	5 mg/kg
Tribromodiphenyl ether	N.D.	5 mg/kg
Tetrabromodiphenyl ether	N.D.	5 mg/kg
Pentabromodiphenyl ether	N.D.	5 mg/kg
Hexabromodiphenyl ether	N.D.	5 mg/kg
Heptabromodiphenyl ether	N.D.	5 mg/kg
Octabromodiphenyl ether	N.D.	5 mg/kg
Nonabromodiphenyl ether	N.D.	5 mg/kg
Decabromodiphenyl ether	N.D.	5 mg/kg

# Test Report

Report No. A2180238379101005

Page 4 of 7

## Test Result(s)

Tested Item(s)	Result	MDL
<b>Phthalates (DBP, BBP, DEHP, DIBP)</b>		
Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	50 mg/kg
Butyl benzyl phthalate(BBP) CAS#:85-68-7	N.D.	50 mg/kg
Di-(2-ethylhexyl) phthalate(DEHP) CAS#:117-81-7	N.D.	50 mg/kg
Diisobutyl phthalate(DIBP) CAS#:84-69-5	N.D.	50 mg/kg
<b>Tested Item(s)</b>		
Beryllium(Be)	N.D.	10 mg/kg
Antimony(Sb)	N.D.	10 mg/kg
<b>Tested Item(s)</b>		
Fluorine(F)	N.D.* <sup>1</sup>	10 mg/kg
Chlorine(Cl)	N.D.* <sup>1</sup>	10 mg/kg
Bromine(Br)	N.D.* <sup>1</sup>	10 mg/kg
Iodine(I)	N.D.* <sup>1</sup>	10 mg/kg
<b>Tested Item(s)</b>		
Perfluorooctane Sulfonates(PFOS)	N.D.	0.5 µg/m <sup>2</sup>
<b>Tested Item(s)</b>		
Perfluorooctanoic Acid(PFOA)	N.D.	0.5 µg/m <sup>2</sup>

**Tested Sample/Part Description** Silver-grey plating

**Remark:** The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury, Beryllium, Antimony.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL or LOQ)

-mg/kg = ppm = parts per million

-LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 µg/cm<sup>2</sup>

-▼The sample is negative for Cr(VI) – The Cr(VI) concentration is below 0.10 µg/cm<sup>2</sup>. The coating is considered a non-Cr(VI) based coating.

-\*=The specified area sample is extracted by an ultrasonic bath in ultra-pure water, and then the extracted liquid is analyzed by IC.

.\*<sup>1</sup>=The value is converted from the test result with the density and thickness provided by client (Density =7.3 g/cm<sup>3</sup>, thickness=3 µm).



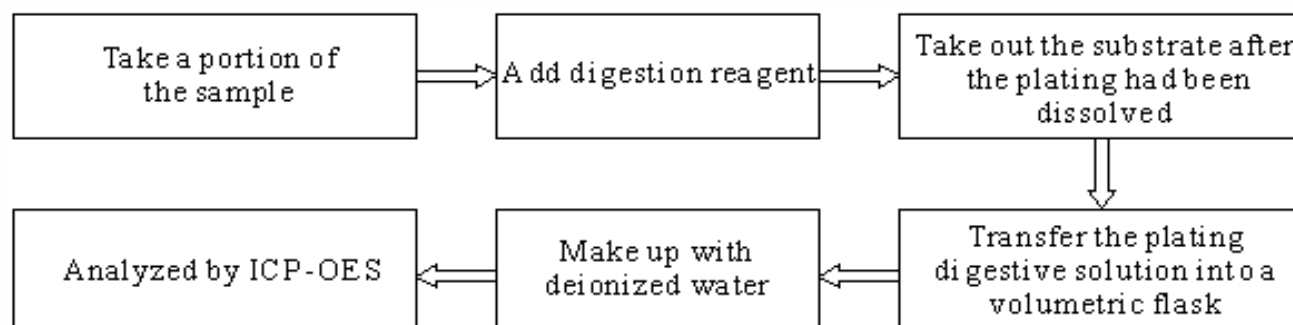
# Test Report

Report No. A2180238379101005

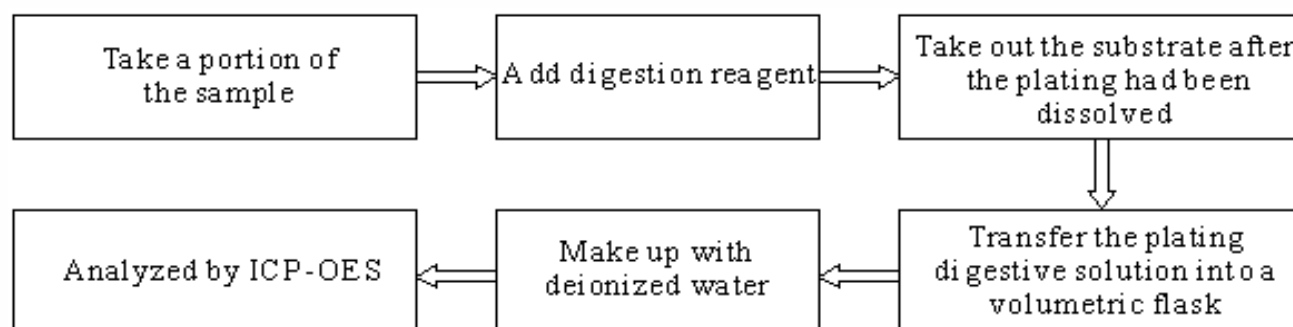
Page 5 of 7

## Test Process

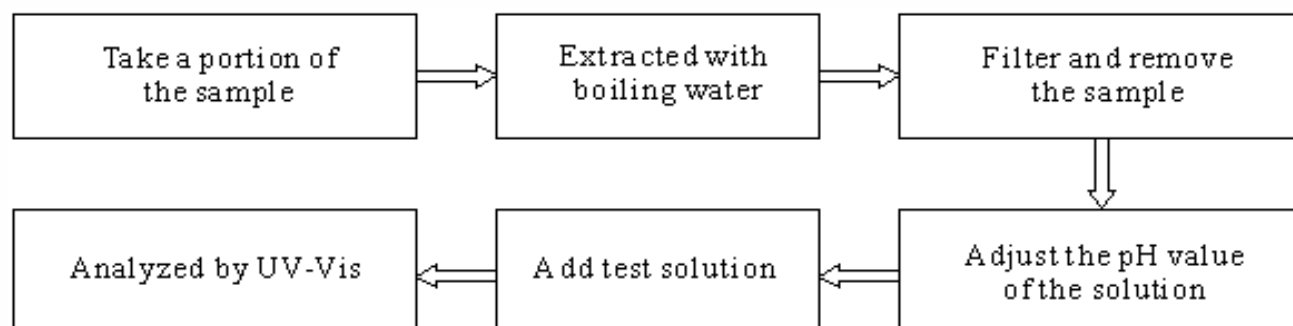
### 1. Lead(Pb), Cadmium(Cd)



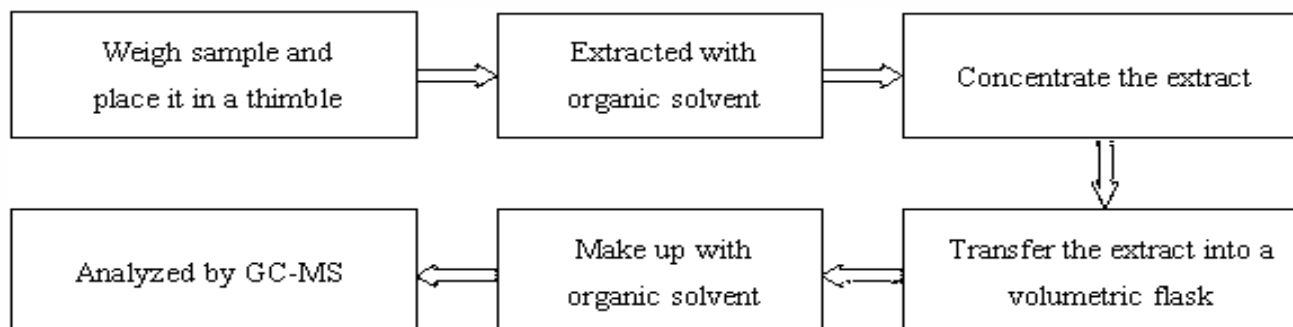
### 2. Mercury(Hg)



### 3. Hexavalent Chromium(Cr(VI))



### 4. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers (PBDEs)

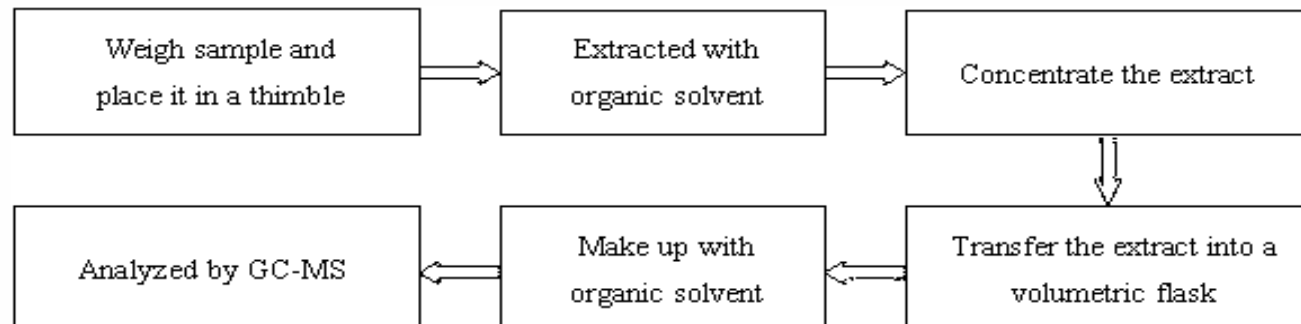


# Test Report

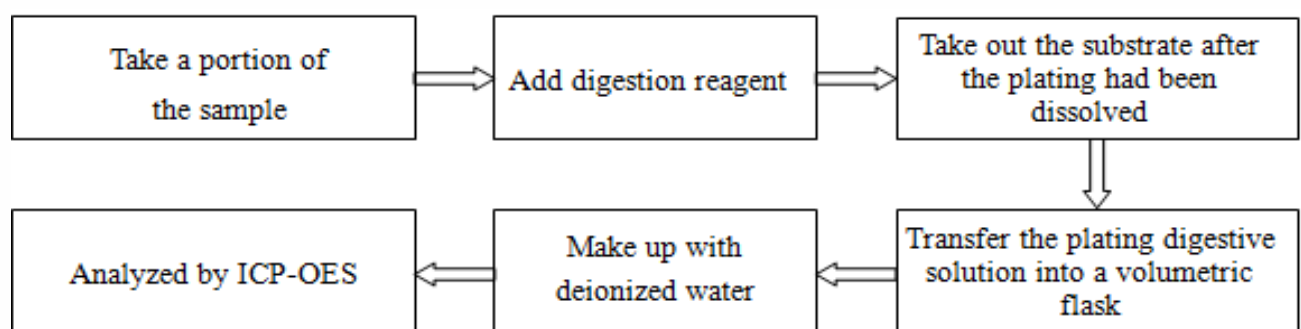
Report No. A2180238379101005

Page 6 of 7

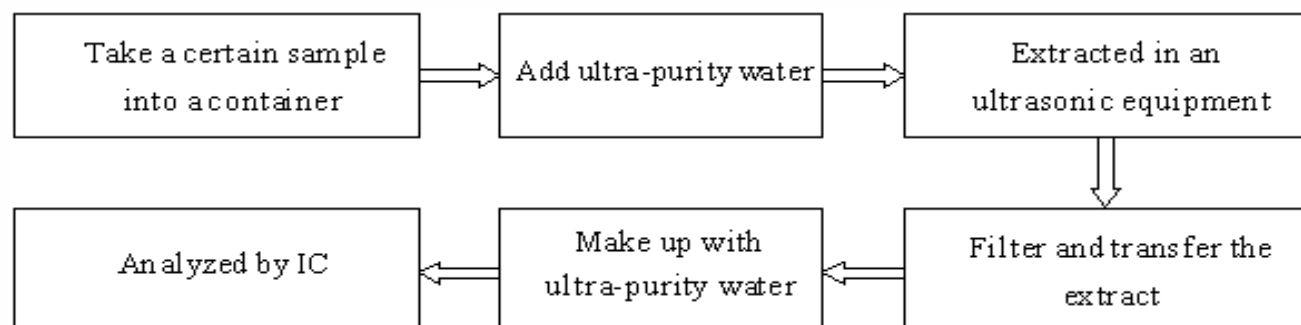
## 5. Phthalates (DBP, BBP, DEHP, DIBP)



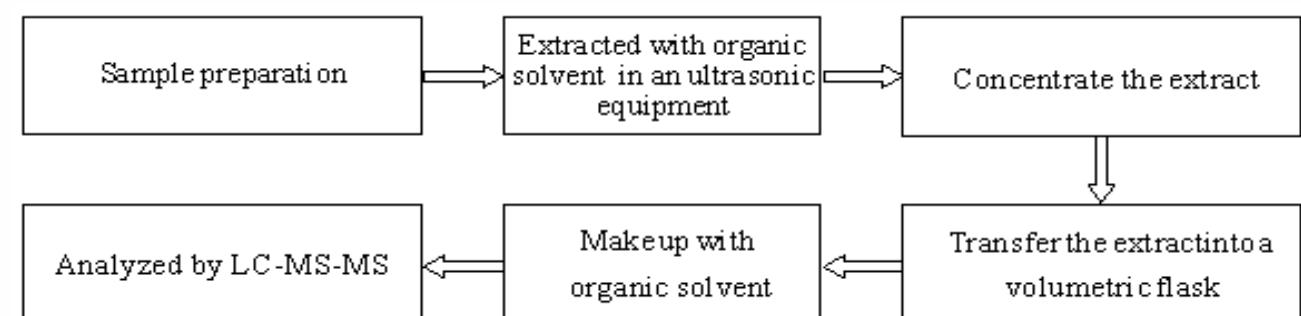
## 6. Beryllium(Be), Antimony(Sb)



## 7. Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I)



## 8. Perfluorooctane Sulfonates (PFOS), Perfluorooctanoic Acid (PFOA)

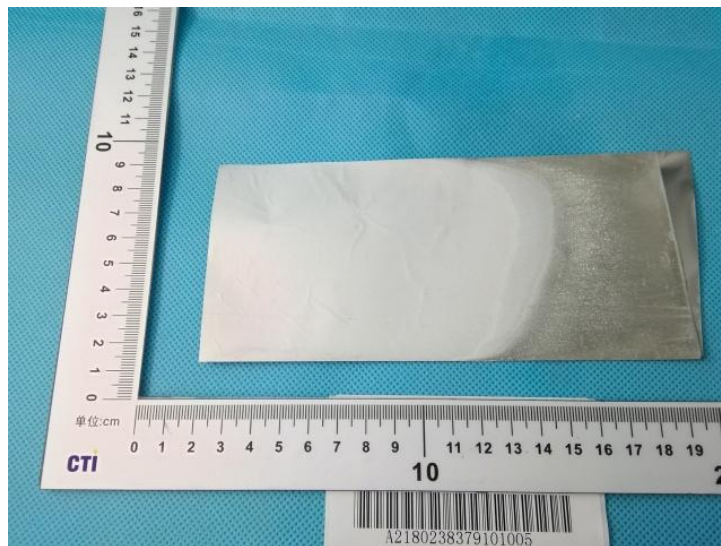


# Test Report

Report No. A2180238379101005

Page 7 of 7

## Photo(s) of the sample(s)



\*\*\* End of report \*\*\*

### Statement:

1. This report is considered invalidated without approval signature, special seal and the seal on the perforation;
2. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full;
5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.