



## Test Report

No.: SHAEC24009522005

Date: May 16, 2024

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Client Name: WUXI CHINA RESOURCES MICRO-ASSEMBLY TECHNOLOGY CO.,LTD

Client Address: NO.55 XIMEI ROAD,NEW DISTRICT SCIENCE & TECHNOLOGY  
PARK,WUXI,JIANGSU,P.R.CHINA

Sample Name: FC SOIC FCT SOT HSOP MSOP QSOP SOIC SOP SSOP TSOT TSSOP IC  
PRODUCT

Client Ref. Information: FC SOIC8,FC SOIC(M)/W16,FCT SOT23-5/6/6-SL/8,HSOP(M)28,IPM-  
SOIC16,IPM-SOIC(M)W16LD-13,  
IPM-SOP(M)23/SOP23/SSOP36,  
MSOP10/8,MSOP-EP10/8,MSOP-EP10/8,QSOP(M)24/24-  
H/28,QSOP24/28,SOIC(M)14/20/20-9/20-T/20-16-H/20-18-H/24/N16/N16-  
13/N28/N28-1/W16/W16-1/W16-10/W16-11/W16-13/W16-14/W16-T/W16-  
ZWG,SOIC(M)/14-10~12,SOIC(M)/14-9,SOIC(M)/N16-13,  
SOIC(M)N-EP16,SOIC14-S/14-SR/20/24/8/8-3/8-7/8-SLW8,SOIC-  
DWV8,SOIC-EP8,SOP(M)16/20/28,SOP(M)-EP16,SOP18/28/32/8/8-  
6,SSOP(M)24/28,SSOP20/20-1/24/24-1/28/48,SSOP-EP48,TSOT23-  
4/5/6/8,TSSOP(M)16/20/24/28/38/14/24-ZWG,TSSOP14/16/28/28-13/18/28-  
17/8/20/20

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

Tom Ni

Tom Ni  
Approved Signatory

scan to see the report



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Test Result(s):

Test Part Description:

| SN ID | Sample No. | SGS Sample ID           | Description   |
|-------|------------|-------------------------|---------------|
| SN1   | A4         | SHA24-0095220-0001.C004 | Black body    |
| SN2   | A5         | SHA24-0095220-0001.C005 | Silvery metal |

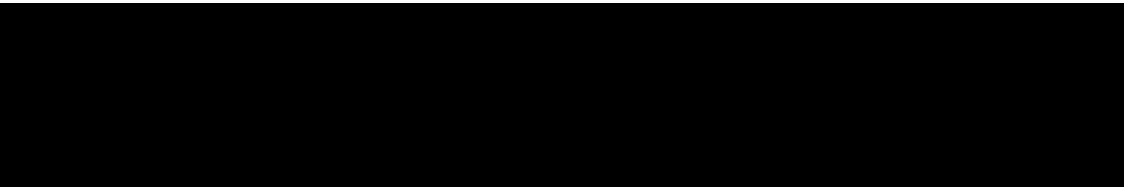
Remarks:

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

**EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)**

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

| Test Item(s)                 | Limit | Unit(s) | MDL | A4 |
|------------------------------|-------|---------|-----|----|
| Lead (Pb)                    | 1000  | mg/kg   | 2   | ND |
| Mercury (Hg)                 | 1000  | mg/kg   | 2   | ND |
| Cadmium (Cd)                 | 100   | mg/kg   | 2   | ND |
| Hexavalent Chromium (Cr(VI)) | 1000  | mg/kg   | 8   | ND |



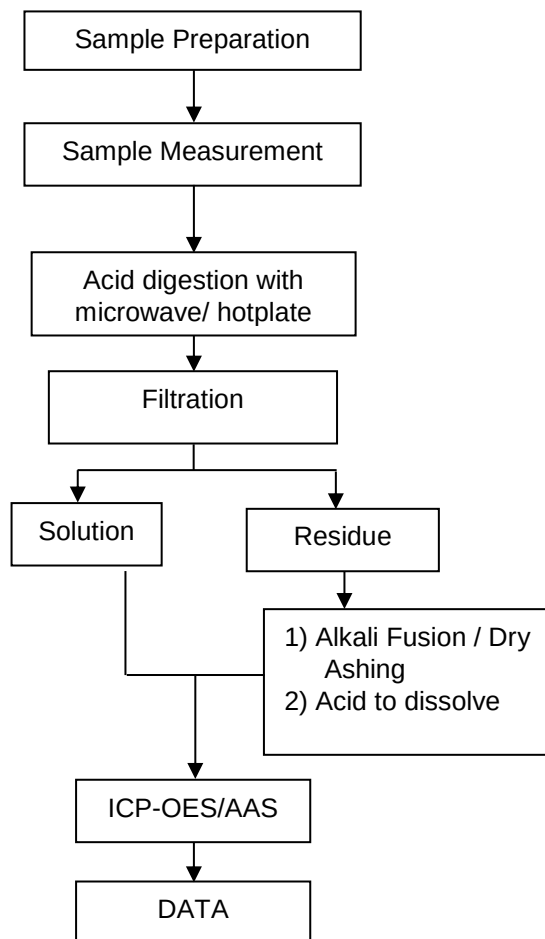
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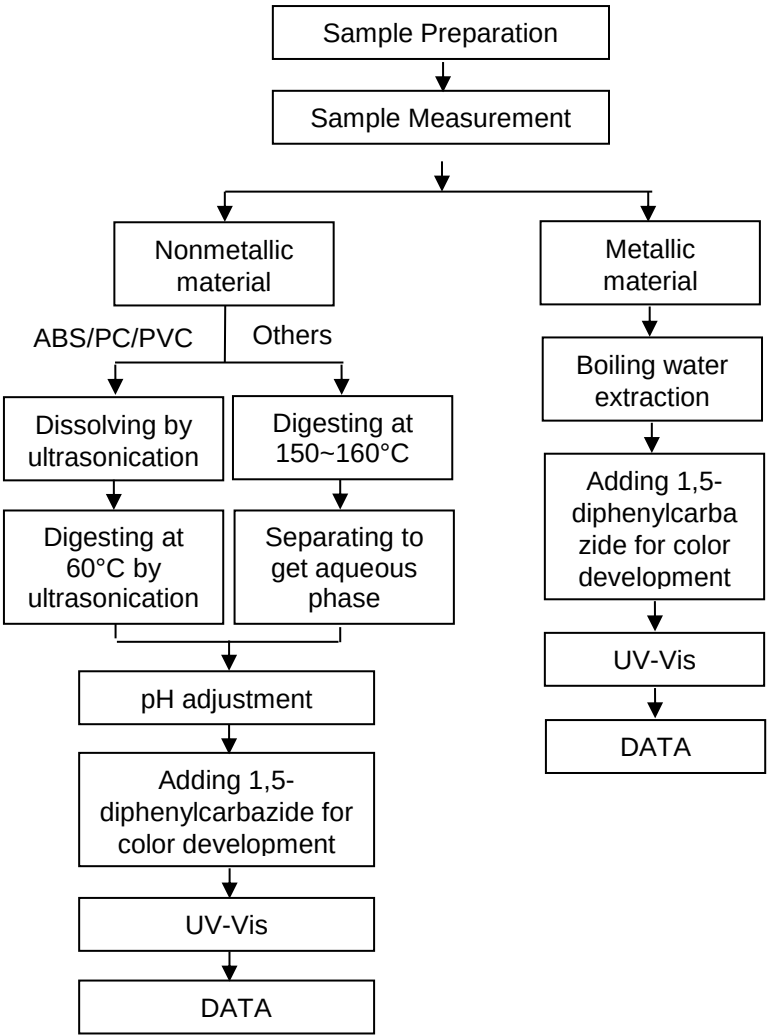
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## Elements Testing Flow Chart

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



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





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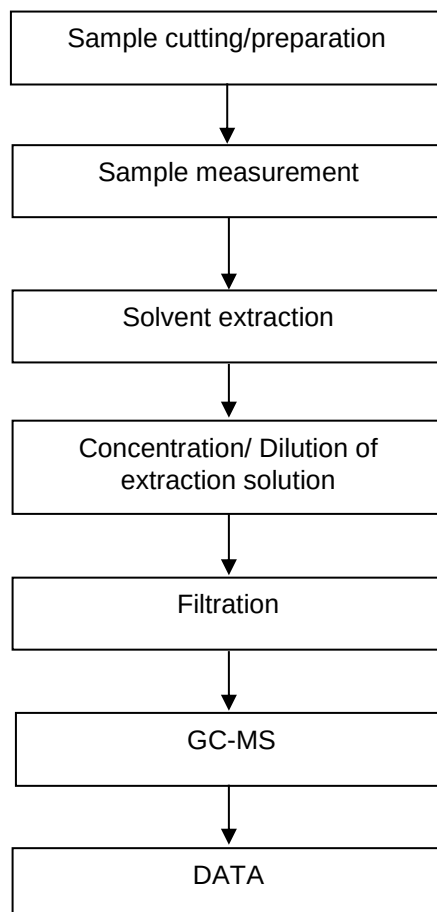
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## PBB/PBDE Testing Flow Chart





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## Phthalates Testing Flow Chart

