Test Report

No.: SHAEC24009522005 **Date:** May 16, 2024

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: FCSOIC FCTSOT HSOP MSOP QSOP SOIC SOP SSOP TSOT TSSOP IC PRODUCT

Client Ref. Information: FCSOIC8,FCSOIC(M)/W16,FCTSOT23-5/6/6-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,S0IC(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-SL/W8,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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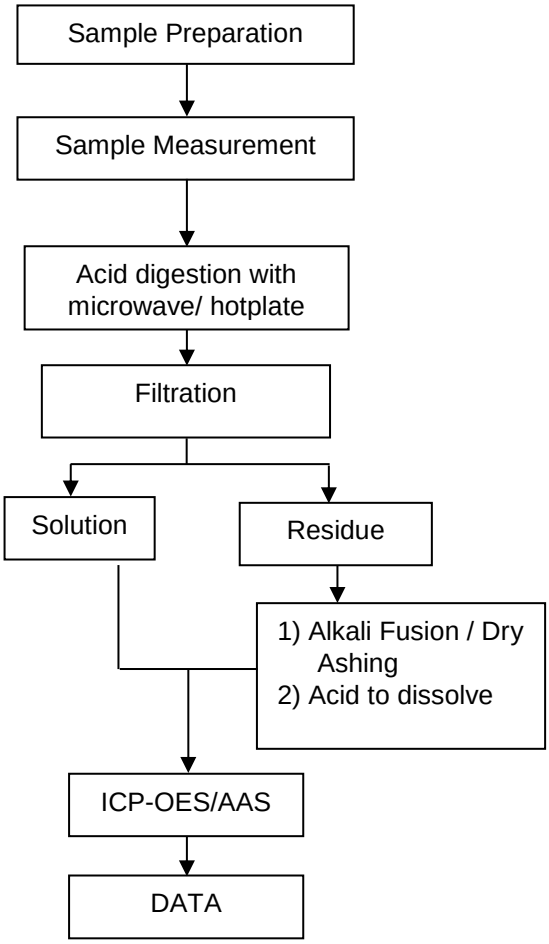
Elements Testing Flow Chart

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



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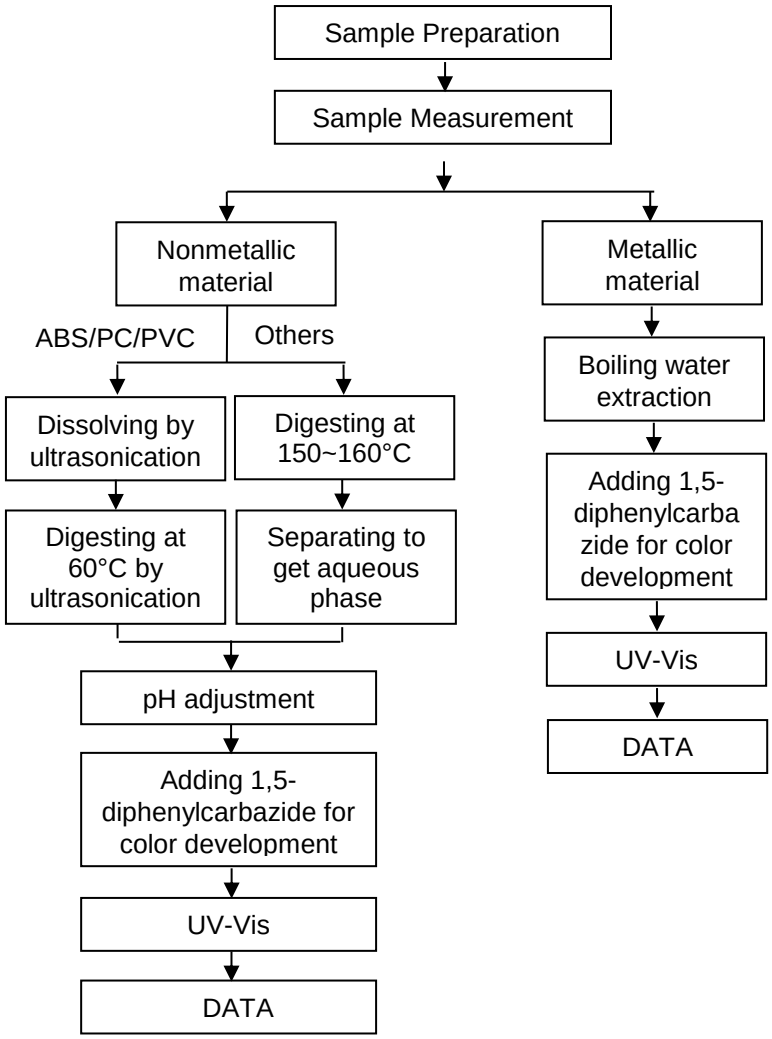
Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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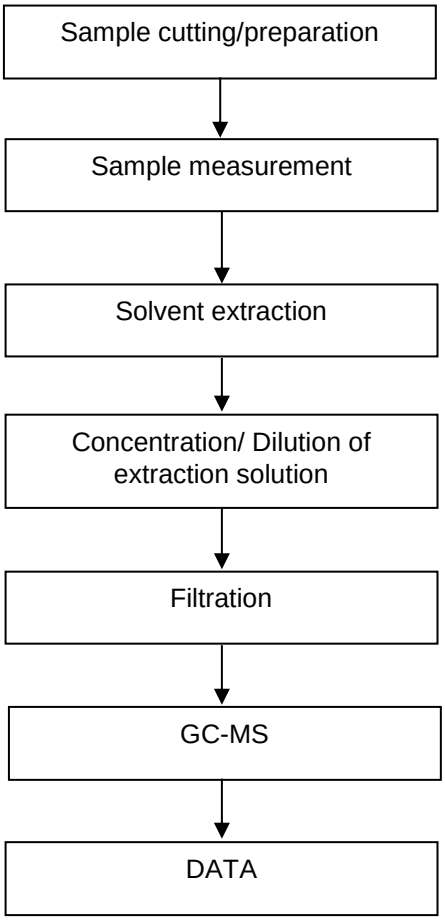
PBB/PBDE Testing Flow Chart



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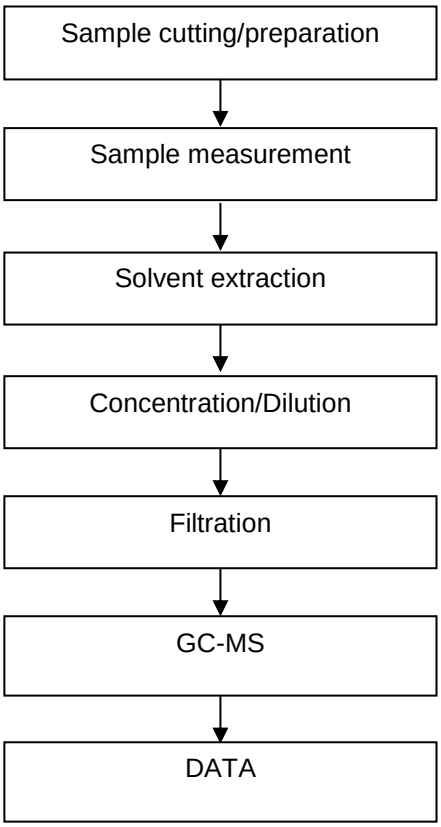
Phthalates Testing Flow Chart



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