Test Report

Applicant	：	Maisha (Kunshan) Elcctric Appliance Co.,Ltd
Address	：	No.1333, Greenland Avenue, Huaqiao Economic Development Zone, Kunshan City
Manufacturer	：	Maisha (Kunshan) Elcctric Appliance Co.,Ltd
Address	：	No.1333, Greenland Avenue, Huaqiao Economic Development Zone, Kunshan City

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

Sample Name	：	control switch
Trade Name	：	/
Sample Model	：	MS-01
Addition model	：	MS-01Bb、MS-01C、MS-01D、MS-01、EMS-02、MS-03、MF-02、HFS-25、MS-P
Sample Received Date	：	May,05, 2022
Testing Period	：	May,05, 2022 To May,13, 2022
Test Requested	：	Selected test (s) in the selected parts as requested by client with the RoHS 2 Directive 2011/65/EU Annex II (EU) 2015/863 as last amended by Directive (EU) 2017/2102.
Test Method	：	Please refer to next page(s).
Test Result	：	Please refer to next page(s).

SHENZHEN BVT TESTING TECHNOLOGY CO.,LTD. BVT APPROVED

Signed for and on behalf of

Michael Dai

Michael Dai/ Approved Signatory

Test Content:

Test Item(s)	Test Method	Reference	Unit	Limit	MDL
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	mg/kg	100	3
Lead(Pb)	IEC 62321-5:2013	ICP-OES	mg/kg	1000	2
Mercury(Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	mg/kg	1000	2
Hexavalent Chromium(CrVI) (Metal)	IEC 62321-7-1:2015	UV-Vis	μg/cm^2	0.13	0.1

Hexavalent Chromium(CrVI) (Nonmetal)	IEC 62321-7-2:2017	UV-Vis	mg/kg	1000	8
PBBs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	6
PBDEs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	6
Dibutyl Phthalate(DBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Butyl benzyl phthalate (BBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Di-(2-ethylhexyl) Phthalate(DEHP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Diisobutyl phthalate (DIBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	31

PBBs		**PBDEs**	
Monobromobiphenyl	Hexabromobiphenyl	Monobromodiphenyl ether	Hexabromodiphenyl ether
Dibromobiphenyl	Heptabromobiphenyl	Dibromodiphenyl ether	Heptabromodiphenyl ether
Tribromobiphenyl	Octabromobiphenyl	Tribromodiphenyl ether	Octabromodiphenyl ether
Tetrabromobiphenyl	Nonabromobiphenyl	Tetrabromodiphenyl ether	Nonabromodiphenyl ether
Pentabromobiphenyl	Decabromobiphenyl	Pentabromodiphenyl ether	Decabromodiphenyl ether

Sample Description:

No.	Description	Name
1	Plastic	White Plastic Shell
2	Plastic	Black Plastic Frame
3	Plastic	Black Plastic Cover
4	Plastic	Black Plastic Ring
5	Plastic	Grey Plastic
6	Metal	Screw
7	Metal	Metal Post
8	Metal	Copper Metal

9	Metal	Switch Metal
10	Metal	Wire Solder
11	Plastic	Black Plastic Switch
12	Plastic	Black Leather Insulation
13	Plastic	Red Line Skin
14	Plastic	Black Line Skin
15	Plastic	White Line Skin
16	Metal	Wire Core
17	Metal	Concave And Convex Mirror
18	Plastic	White Interface Plastic
19	Foam	Black Foam
20	Plastic	Fan

No.	Description	Name
21	Metal	Speaker
22	Metal	Speaker Solder
23	Plastic	Gray Transparent Plastic
24	PCB	PCB
25	LED	LED
26	Metal	Button
27	Metal	Pin
28	Inductance	Inductance
29	Metal	Card Slot
30	Metal	USB Interface Metal
31	Metal	Interface Metal
32	Metal	Silver Interface Metal

33	Crystals	Crystals
34	Plastic	Black Interface Plastic
35	IC	IC
36	Capacitance	Capacitance
37	Resistance	Resistance
38	Diode	Diode
39	Triode	Triode
40	Metal	Black Cooling Plate

No.	Description	Name	
41	Transformer	Transformer	
42	Metal	PCB Solder	
43	Potentiometer	Transformer PCB Solder	
44	Display	Display	
45	Glass	Glass	
46	Mirror	Mirror	
47	Plastic	Clear Plastic	
48	Metal	Silver Metal Shield	
49	Metal	Copper Metal	
50	Metal	Cooling Plate	
51	Metal	Aluminum Plate	
52	Metal	Aluminum Plate Solder	
53	Metal	Silver Metal Sheet	
54	Plastic	Wire	Black Line Skin Outside

55	Plastic		Blue Line Skin
56	Plastic		Brown Line Skin
57	Plastic		Black Terminal
58	Metal		Plug Metal
59	Metal		Interface Metal
60	Metal		Wire Core

Test Result:

Test Item(s)	**No.1**	**No.2**	**No.3**	**No.4**	**No.5**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	N.D.	N.D.	N.D.	N.D.	N.D.
PBDEs	N.D.	N.D.	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	N.D.	N.D.	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.	N.D.
Test Item(s)	**No.6**	**No.7**	**No.8**	**No.9**	**No.10**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	304

Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	--	--	--	--	--
PBDEs	--	--	--	--	--
Dibutyl Phthalate (DBP)	--	--	--	--	--
Butyl benzyl phthalate (BBP)	--	--	--	--	--
Di-(2-ethylhexyl) Phthalate(DEHP)	--	--	--	--	--
Diisobutyl phthalate (DIBP)	--	--	--	--	--

Test Item(s)	**No.11**	**No.12**	**No.13**	**No.14**	**No.15**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	N.D.	N.D.	N.D.	N.D.	N.D.
PBDEs	N.D.	N.D.	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	N.D.	N.D.	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.	N.D.
Test Item(s)	**No.16**	**No.17**	**No.18**	**No.19**	**No.20**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	--	--	N.D.	N.D.	--

PBDEs	--	--	N.D.	N.D.	--
Dibutyl Phthalate (DBP)	--	--	N.D.	N.D.	--
Butyl benzyl phthalate (BBP)	--	--	N.D.	N.D.	--
Di-(2-ethylhexyl) Phthalate(DEHP)	--	--	N.D.	N.D.	--
Diisobutyl phthalate (DIBP)	--	--	N.D.	N.D.	--

Test Item(s)	**No.21**	**No.22**	**No.23**	**No.24**	**No.25**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	260	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	--	--	N.D.	N.D.	N.D.
PBDEs	--	--	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	--	--	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	--	--	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	--	--	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	--	--	N.D.	N.D.	N.D.
Test Item(s)	**No.26**	**No.27**	**No.28**	**No.29**	**No.30**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	--	--	--	--	--
PBDEs	--	--	--	--	--
Dibutyl Phthalate (DBP)	--	--	--	--	--

Butyl benzyl phthalate (BBP)	--	--	--	--	--
Di-(2-ethylhexyl) Phthalate(DEHP)	--	--	--	--	--
Diisobutyl phthalate (DIBP)	--	--	--	--	--

Test Item(s)	**No.31**	**No.32**	**No.33**	**No.34**	**No.35**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	--	--	--	N.D.	N.D.
PBDEs	--	--	--	N.D.	N.D.
Dibutyl Phthalate (DBP)	--	--	--	N.D.	N.D.
Butyl benzyl phthalate (BBP)	--	--	--	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	--	--	--	N.D.	N.D.
Diisobutyl phthalate (DIBP)	--	--	--	N.D.	N.D.
Test Item(s)	**No.36**	**No.37**	**No.38**	**No.39**	**No.40**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	N.D.	N.D.	N.D.	N.D.	--
PBDEs	N.D.	N.D.	N.D.	N.D.	--
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	--
Butyl benzyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	--
Di-(2-ethylhexyl) Phthalate(DEHP)	N.D.	N.D.	N.D.	N.D.	--

Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.	--

Test Item(s)	**No.41**	**No.42**	**No.43**	**No.44**	**No.45**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	175	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	--	--	--	--	--
PBDEs	--	--	--	--	--
Dibutyl Phthalate (DBP)	--	--	--	--	--
Butyl benzyl phthalate (BBP)	--	--	--	--	--
Di-(2-ethylhexyl) Phthalate(DEHP)	--	--	--	--	--
Diisobutyl phthalate (DIBP)	--	--	--	--	--
Test Item(s)	**No.46**	**No.47**	**No.48**	**No.49**	**No.50**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	--	N.D.	--	--	--
PBDEs	--	N.D.	--	--	--
Dibutyl Phthalate (DBP)	--	N.D.	--	--	--
Butyl benzyl phthalate (BBP)	--	N.D.	--	--	--
Di-(2-ethylhexyl) Phthalate(DEHP)	--	N.D.	--	--	--
Diisobutyl phthalate (DIBP)	--	N.D.	--	--	--

Test Item(s)	No.51	No.52	No.53	No.54	No.55
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	--	--	--	N.D.	N.D.
PBDEs	--	--	--	N.D.	N.D.
Dibutyl Phthalate (DBP)	--	--	--	N.D.	N.D.
Butyl benzyl phthalate (BBP)	--	--	--	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	--	--	--	N.D.	N.D.
Diisobutyl phthalate (DIBP)	--	--	--	N.D.	N.D.
Test Item(s)	**No.56**	**No.57**	**No.58**	**No.59**	**No.60**
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	N.D.	N.D.	--	--	--
PBDEs	N.D.	N.D.	--	--	--
Dibutyl Phthalate (DBP)	468	N.D.	--	--	--
Butyl benzyl phthalate (BBP)	N.D.	N.D.	--	--	--
Di-(2-ethylhexyl) Phthalate(DEHP)	N.D.	N.D.	--	--	--
Diisobutyl phthalate (DIBP)	N.D.	N.D.	--	--	--

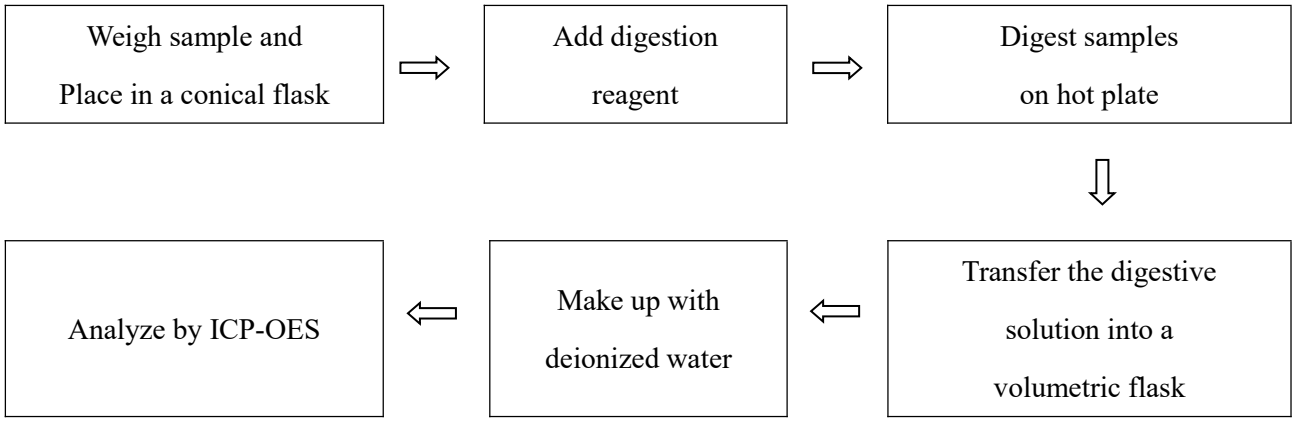
Note: 1. mg/kg= ppm

2. N.D.= Not Detected(<MDL)

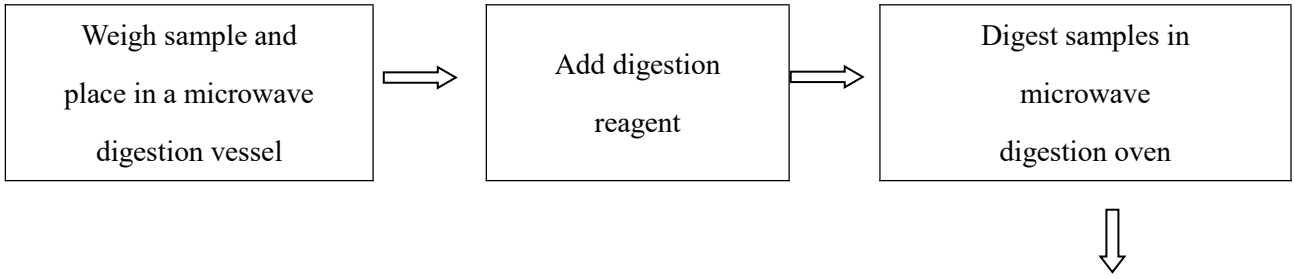
3. MDL = Method Detection Limit
4. -- = No Testing
5. when Cr(VI) in a sample is detected below the 0.10 μg/cm^2 LOQ (limit of quantification), the sample is considered to be negative for Cr(VI). Since Cr(VI) may not be uniformly distributed in the coating even within the same sample batch, a "grey zone" between 0.10 μg/cm^2 and 0.13 μg/cm^2 has been established as "inconclusive" to reduce inconsistent results due to unavoidable coating variations. In this case, additional testing may be necessary to confirm the presence of Cr(VI). When Cr(VI) is detected above 0.13 μg/cm^2, the sample is considered to be positive for the presence of Cr(VI) in the coating layer. 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.

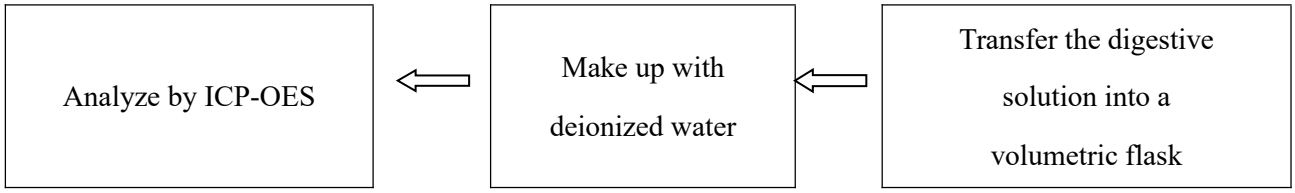
Test Process:

1. Test for Cd/Pb Content



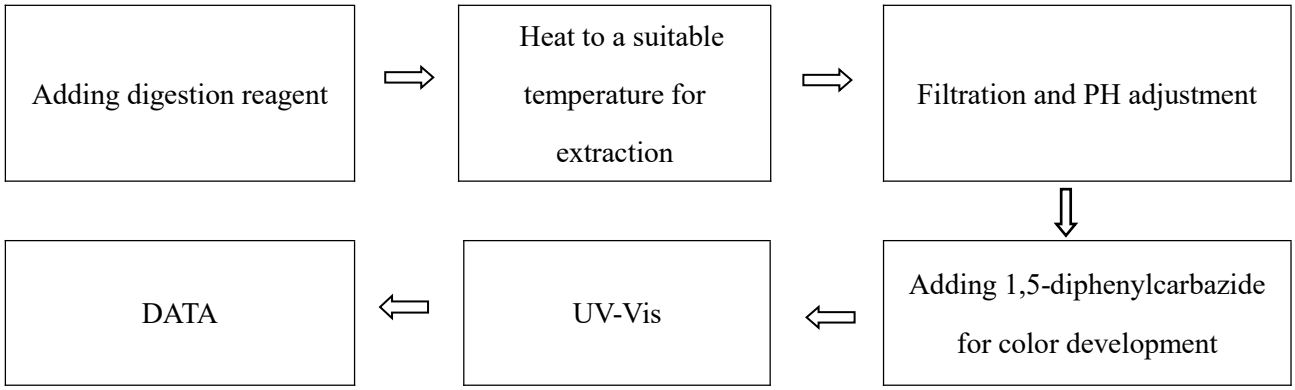
2. Test for Hg Content



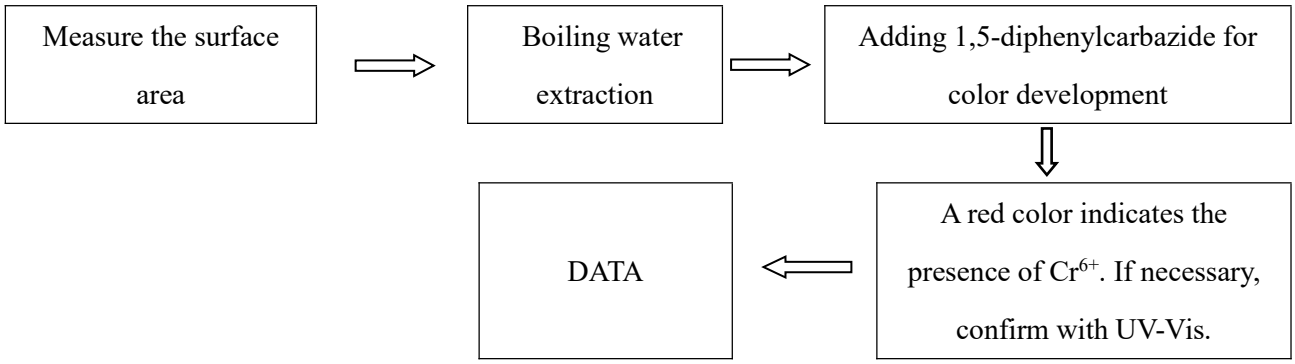


3. Test for Chromium (VI) Content

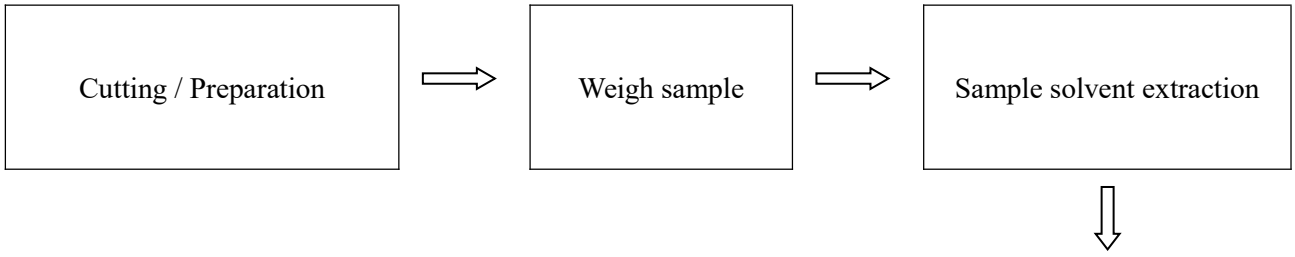
Nonmetal material

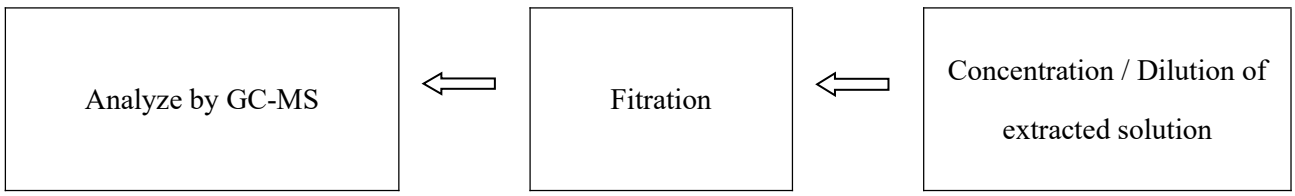


Metal material



4. Test for DBP, BBP, DEHP, DIBP, PBB, PBDE Content





Sample Photo:

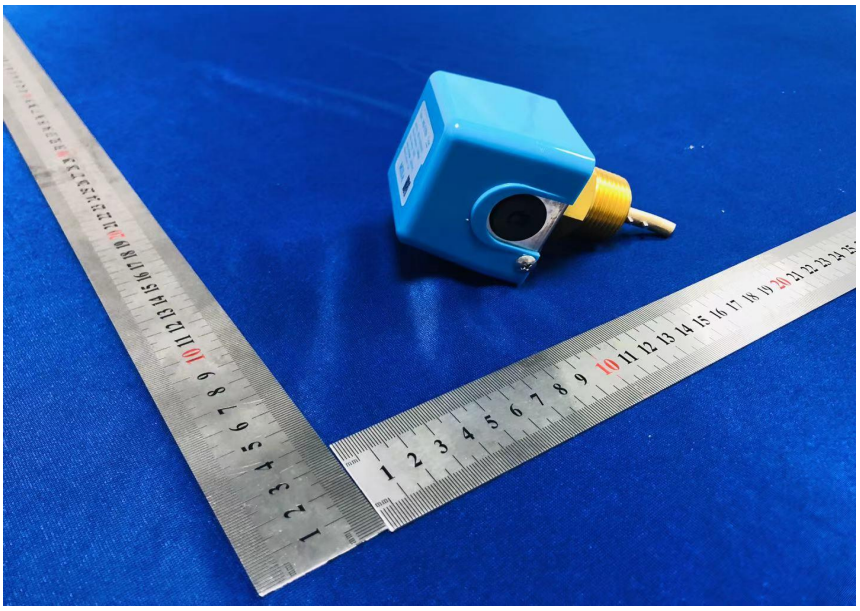


Photo 1

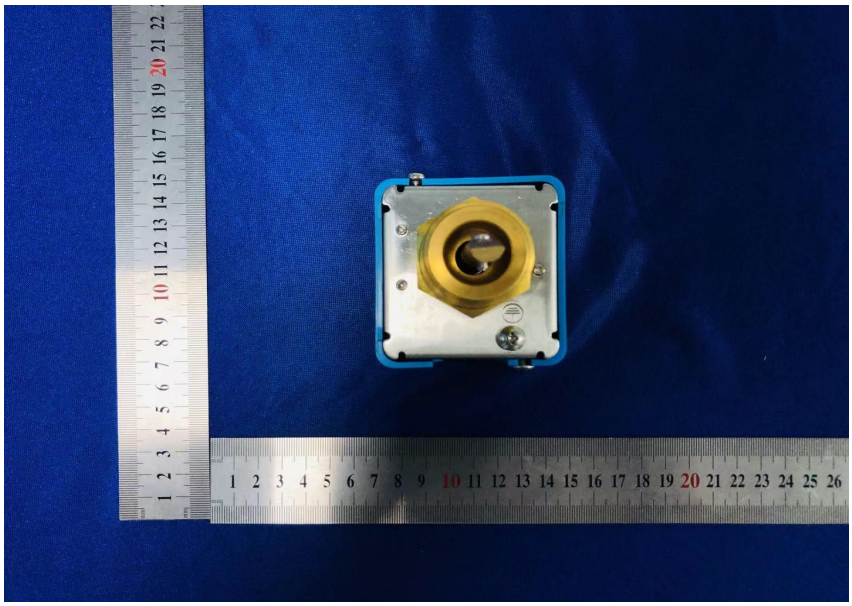


Photo 2

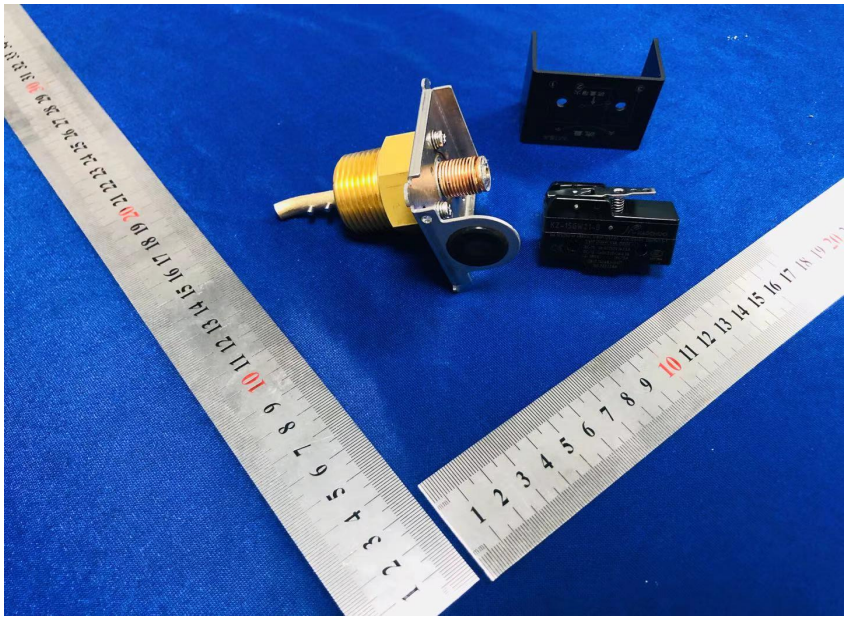


Photo 3

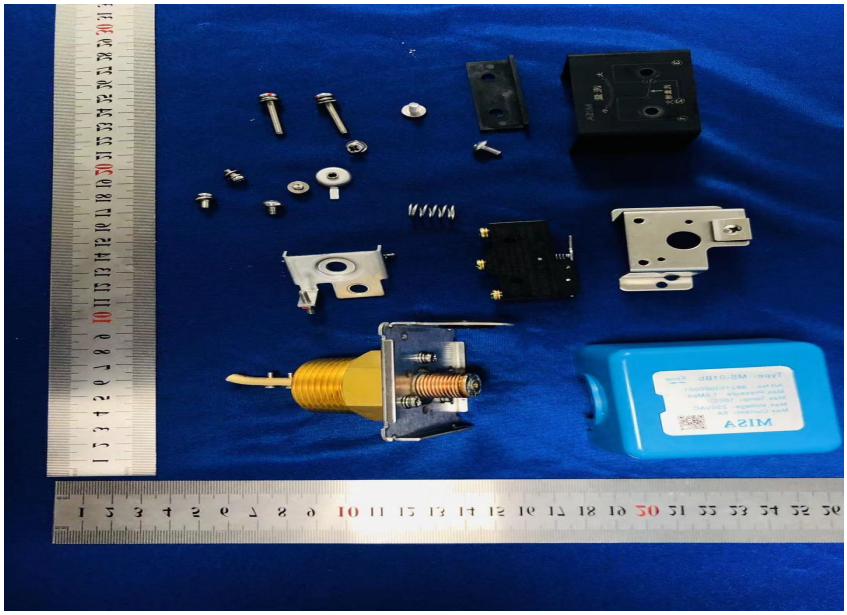


Photo 4

*** End of Report ***