

# TEST REPORT

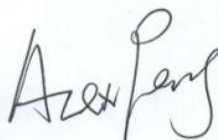
Customer information	Client	SHENZHEN HANKINGYUAN ELECTRONIC CO., LTD.
	Address	5th floor, Taibang Science and Technology Building, 4th GaoXin Road(South), Nanshan District, Shenzhen, China
Sample information	Name of sample	TRIAC, TVS, TSS, ESD, SIDAC
	Test Model No.	TO-220, TO-202, TO-126, TO-251, TO-252, TO-92, TO-247, TO-263, SOT-23, SOT-23-3L, SOT-89-3L, SOT-223, TO-P3, DFN0603-D, DFN1006, DFN2510, DO-15, DO-204AC, DO-214AA(SMB), DO-214AB(SMC), DO-214AC(SMA), DO-218AB, DO-27, DO-201, DO-41, DO-204AL, R6, P600, SOD123-FL, SOD-323, SOD-523, SOT-23-6
	Trade mark	----
	Lot number	----
	Manufacturer	SHENZHEN HANKINGYUAN ELECTRONIC CO., LTD.
	Address	5th floor, Taibang Science and Technology Building, 4th GaoXin Road(South), Nanshan District, Shenzhen, China
Test information	Sample received	October 23, 2017
	Testing date	October 23, 2017 to October 31, 2017
	Test sort	Commission Test
	Requested/item	1)Cd, Pb, Hg, Cr(VI), PBBs, PBDEs 2)HBCDD, DEHP, BBP, DBP
	Standard/ Foundation	1)With reference to IEC62321:2008, Analysis was performed by ICP, UV, GC-MS 2)With reference to EPA3540C:1996, EAP8270D:2007, Analysis was performed by GC-MS
	Conclusion	Please see the detecting data.
Remark	----	

Tested By:



Date: 2017/10/31

Checked By:



Date: 2017/10/31

Approved By:



Date: 2017/10/31

SHENZHEN SIT TESTING TECHNOLOGY CO LTD.

Address: 4<sup>th</sup> Floor, Co-talent Creative Park, Liuxian Road, Baoan 68 District, Shenzhen

Hotline:400-6633-940

Tel: +86-755-29173399

FAX: +86-755-29179933

http://www.sit-cert.com

Tested components :

SAMPLE No.	SAMPLE	COLOR	TEST ITEM
1	Plastic	Black	1)Cd, Pb, Hg, Cr(VI), PBBs, PBDEs 2)HBCDD, DEHP, BBP, DBP
2	Metal	Silver	1)Cd, Pb, Hg, Cr(VI)

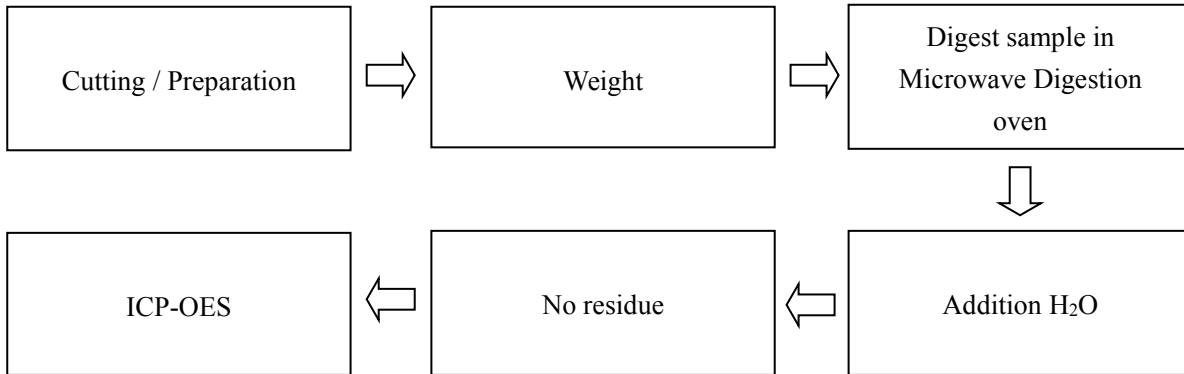
1) Test result:

ITEM	SAMPLE No.	SAMPLE CONCENTRATION (mg/kg)		MDL (mg/kg)	REQUIRED LIMIT(mg/kg)
		1	2		
	Cd	N.D.	N.D.	2	<100
	Cr(VI)	N.D.	N.D.	2	<1000
	Hg	N.D.	N.D.	2	<1000
	Pb	N.D.	N.D.	2	<1000
	Monobromobiphenyl	N.D.	----	5	----
	Dibromobiphenyl	N.D.	----	5	----
	Tribromobiphenyl	N.D.	----	5	----
	Tetrabromobiphenyl	N.D.	----	5	----
	Pentabromobiphenyl	N.D.	----	5	----
	Hexabromobiphenyl	N.D.	----	5	----
	Heptabromobiphenyl	N.D.	----	5	----
	Octabromobiphenyl	N.D.	----	5	----
	Nonabromobiphenyl	N.D.	----	5	----
	Decabromobiphenyl	N.D.	----	5	----
	Polybrominated Biphenyls (PBBs)	N.D.	----	----	<1000
	Monobromodiphenyl ether	N.D.	----	5	----
	Dibromodiphenyl ether	N.D.	----	5	----
	Tribromodiphenyl ether	N.D.	----	5	----
	Tetrabromodiphenyl ether	N.D.	----	5	----
	Pentabromodiphenyl ether	N.D.	----	5	----
	Hexabromodiphenyl ether	N.D.	----	5	----
	Heptabromodiphenyl ether	N.D.	----	5	----
	Octabromodiphenyl ether	N.D.	----	5	----
	Nonabromodiphenyl ether	N.D.	----	5	----
	Decabromodiphenyl ether	N.D.	----	5	----
	Polybrominated Diphenyl ethers (PBDEs)	N.D.	----	----	<1000
	Hexabromocyclododecane (HBCDD)	N.D.	----	50	----

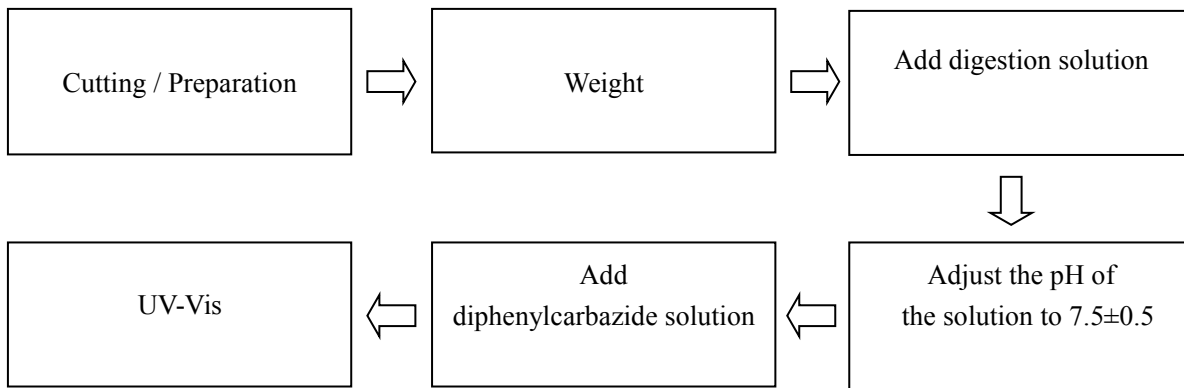
Note: P = Pass, F = Fail, MDL = Method Detection Limit, N.D. = NOT DETECTED(<MDL).

Test Process:

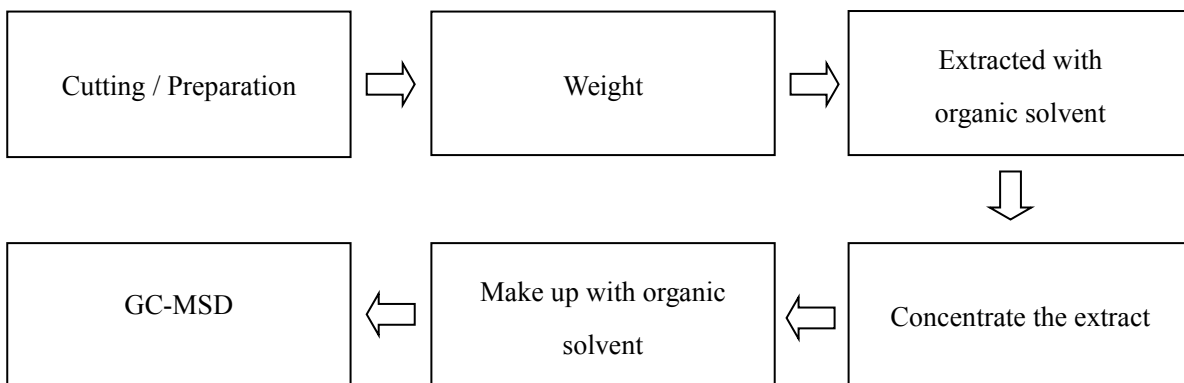
a. Cd, Pb, Hg



b. Cr<sup>6+</sup>



c. PBBs&PBDEs



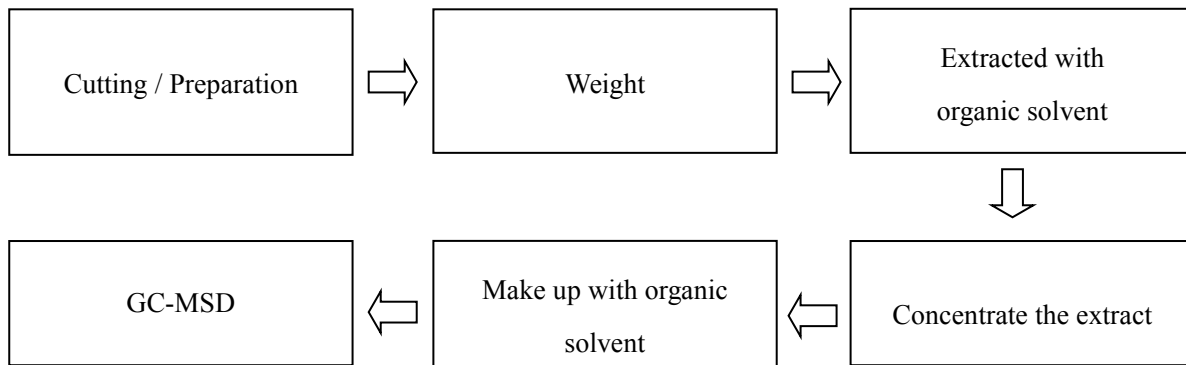
2) Test result:

ITEM	SAMPLE No.	SAMPLE CONCENTRATION (mg/kg)		MDL (mg/kg)
		1	2	
Di-2-ethylhexyl phthalate (DEHP)		N.D.	N.D.	30
Dibutyl phthalate (DBP)		N.D.	N.D.	30
Benzylbutyl phthalate (BBP)		N.D.	N.D.	30
Hexabromocyclododecane (HBCDD)		N.D.	N.D.	30

Note: MDL = Method Detection Limit, N.D.=not detected (<Method Detection Limit) .

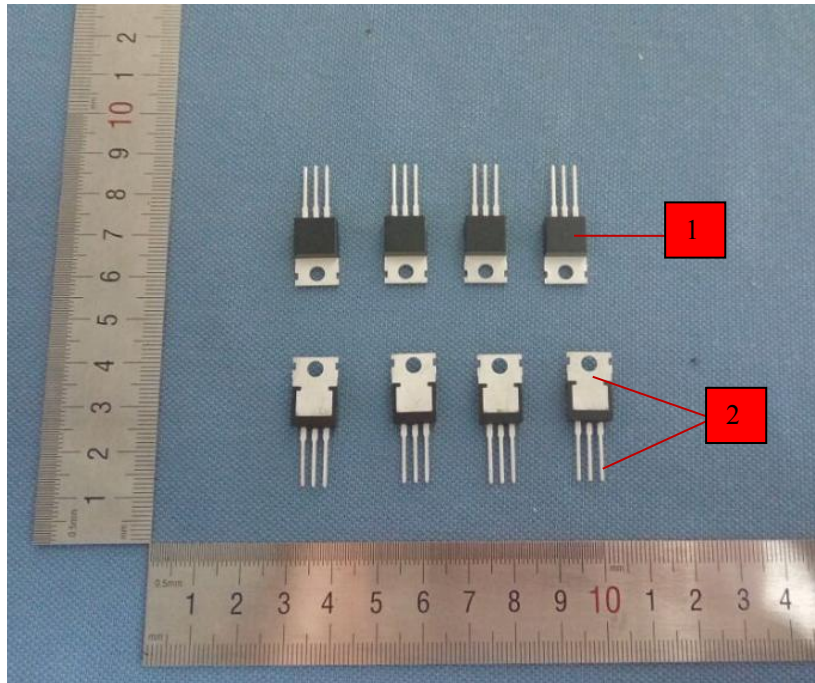
Test Process:

DEHP, BBP, DBP, HBCDD



## Sample photo

Appearance photograph of EUT



\*\*\*\*\* END OF REPORT \*\*\*\*\*