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

	No.	Sample Name	The sample description
	1	SMD SERIES:	MIXED ALL PARTS OF BODY
2	2	GREEN MOLDING	SILVER COLORED METAL PIN
	3	COMPOUND	BLACK PLASTIC BODY WITHOUT SOLDER WAFER&DIE

Part No.

SMA_HF PACKAGE FAMILY (TAXXXXL_HF,SMAJ4.0_HF, SMAJXXA_HF, SMAJXXXA_HF,SMAXXXX_HF,SMAXXX_HF,B58XX_HF,B1XX_HF, B230LHA_HF,BXXXA_HF,BXXXXA_HF,US1X_HF,ES1X_HF,FS1X_HF, ES2XA_HF,RS1X_HF,S1X_HF,S2XA_HF ETC) SMB_HF PACKAGE FAMILY (B340LB_HF,TBXXXXL_HF,TBXXXXM_HF, TBXXXXH_HF,SMBJXXA_HF,SMBJXXXA_HF,BXXXB_HF,B1100LB_HF, B2XX_HF,ES1XB_HF,ES2X_HF,FS2X_HF,ES3XB_HF,MURS1XX_HF, RS1XB_HF,RS2X_HF,RS3XB_HF,S2X_HF,S2XH_HF,S2KM_HF,S3XB_HF ETC) SMC_HF PACKAGE FAMILY (SMCJXXA_HF, SMCJXXXA_HF, 3.0SMCJXX_HF, 3.0SMCJXXA_HF, 3.0SMCJXXX_HF, 3.0SMCJXXXA_HF, B3XX_HF, B3100_HF, BXXXC_HF, ES3X_HF, FS3X_HF, MURSXXX_HF,RS3X_HF, S3X_HF, S5XC_HF, S8XC_HF ETC) MITE_HF PACKAGE FAMILY (LT2MXXA_HF, MB120E_HF, MBXXXL_HF, MB140_HF ETC) DO-222AA(F1) PACKAGE FAMILY(FBXXXM, FBXXXLM, FBXXXXM, FBXXXA, FBXXXMF,LT2MF12A, LT2MFXX, FES1XXM, FRS1XXM, FS1XXM, ETC) DO221-AA(F2) PACKAGE FAMILY (FBXXXB, SMBTXXA, ETC) DO-221AC(F3) PACKAGE FAMILY(FBXXXA,FBXXXLA,FBXXXXA FBXXXD、 FBXXXXD、FES1XD、FRSXXD、FS2MD、FUSXXD、ETC) DO-219AA PACKAGE FAMILY (FSx ME, FRSxME, FRSxJE, FSxxME, LT4MEXXA、LT4MEXXXA、FESXDE、FESXJE、FESXGE、 FUSXME、FUSXDE、FUSXJE、TC) F4 PACKAGE FAMILY (GXXXXXF4, BXXXXXF4, ETC)





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Tested Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Mercury (Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
	IEC 62321:2008 Ed.1 Annex B	
Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis
Polybrominated Biphenyls (PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
Phthalates	Refer to EN 14372:2004(E)	GC-MS
Hexabromocyclododecane (HBCDD)	Refer to US EPA 3550C:2007 & US EPA 8270D:2007	GC-MS
Antimony(Sb)	Refer to US EPA 3052:1996 & US EPA 6010C:2007	ICP-OES
Fluorine (F)	Refer to BS EN 14582:2007	IC
Chlorine (Cl)	Refer to BS EN 14582:2007	IC
Bromine (Br)	Refer to BS EN 14582:2007	IC
Iodine (I)	Refer to BS EN 14582:2007	IC





















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	Result(Unit: mg/kg)			
Tested Item(s)	1	2	3	MDL
Lead (Pb)	24775	10	N.D.	2 mg/kg
Cadmium (Cd)	N.D.	N.D.		2 mg/kg
Mercury (Hg)	N.D.	N.D.		2 mg/kg
Haveyalant Chromium (Cr(VI))	N.D.	—	—	2 mg/kg
Hexavalent Chromium (Cr(VI))		Negative	—	
Polybrominated Biphenyls(PBBs)		(6)		(\mathcal{O})
Monobromobiphenyl	N.D.			5 mg/kg
Dibromobiphenyl	N.D.	—	_	5 mg/kg
Tribromobiphenyl	N.D.	—		5 mg/kg
Tetrabromobiphenyl	N.D.	—	(Δ)	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.	S)	—	5 mg/kg
Decabromobiphenyl	N.D.	_	—	5 mg/kg
Polybrominated Diphenyl Ethers(PBDEs)				
Monobromodiphenyl ether	N.D.	—		5 mg/kg
Dibromodiphenyl ether	N.D.	—	(\bigcirc)	5 mg/kg
Tribromodiphenyl ether	N.D.	—		5 mg/kg
Tetrabromodiphenyl ether	N.D.	—	—	5 mg/kg
Pentabromodiphenyl ether	N.D.	~5	—	5 mg/kg
Hexabromodiphenyl ether	N.D.		—	5 mg/kg
Heptabromodiphenyl ether	N.D.	e la		5 mg/kg
Octabromodiphenyl ether	N.D.	_		5 mg/kg
Nonabromodiphenyl ether	N.D.	_		5 mg/kg
Decabromodiphenyl ether	N.D.	_		5 mg/kg
(C)	67		67	0

	Result(Unit: mg/kg)	MDI	
Tested Item(s)	1	- MDL	
Hexabromocyclododecane (HBCDD)	N.D.	5 mg/kg	
Antimony(Sb)	N.D.	5 mg/kg	







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Tested Item(s)	Result(Unit: mg/kg)	MDL	
Testeu Item(s)	1	MDL	
Halogen	-07-		
Fluorine (F)	N.D.	10mg/kg	
Chlorine (Cl)	N.D.	10mg/kg	
Bromine (Br)	N.D.	10mg/kg	
lodine (I)	N.D.	10mg/kg	
	Result(Unit: mg/kg)	MDI	
Tested Item(s)	1	MDL	
Phthalates			
Diisobutyl phthalate (DIBP)		50 /1	
CAS#:84-69-5	N.D.	50mg/kg	
Dibutyl phthalate (DBP)	N.D.	50ma/lta	
CAS #:84-74-2	N.D.	50mg/kg	
Benzylbutyl phthalate (BBP)	N.D.	50mg/kg	
CAS #:85-68-7	N.D.	Joing/Kg	
Bis(2-ethyl(hexyl)) phthalate (DEHP)	N.D.	50mg/kg	
CAS #:117-81-7	N.D.	Joing/Kg	
Di-n-octyl phthalate (DNOP)	N.D.	50mg/kg	
CAS#:117-84-0	R.D.	Joing/Kg	
Diisononyl phthalate (DINP)	N.D.	50mg/kg	
CAS#:28553-12-0,68515-48-0	T.D.	Joing/Kg	
Diisodecyl phthalate (DIDP)	N.D.	50mg/kg	
CAS#:26761-40-0,68515-49-1	п.р.	Joing Kg	
Di-n-hexyl phthalate (DNHP)	N.D.	50mg/kg	
CAS#:84-75-3	N.D.	Sound up	

Tested Sample/Part Description

1. Black body (Tested as a whole)

2. Silvery metal pin

3. Black body (Tested as a whole)





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Remark: The sample had been dissolved totally tested for Lead, Cadmium, Mercury, Antimony. The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.

-MDL= Method Detection Limit

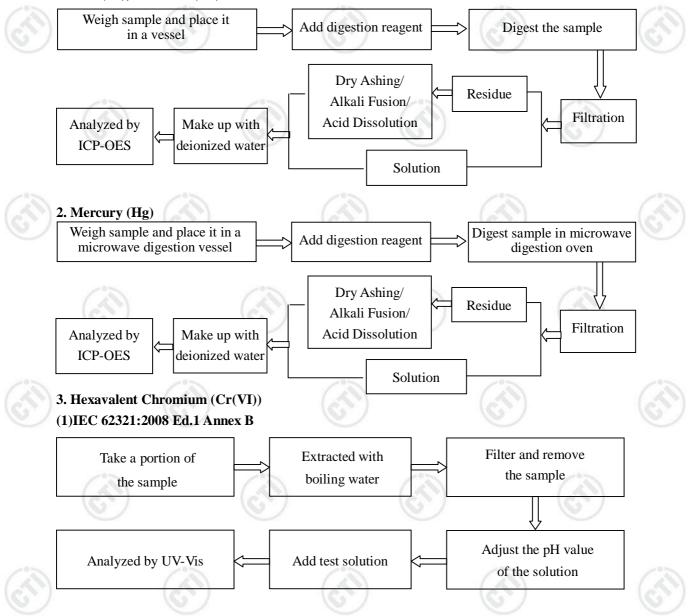
-N.D. = Not Detected (<MDL)

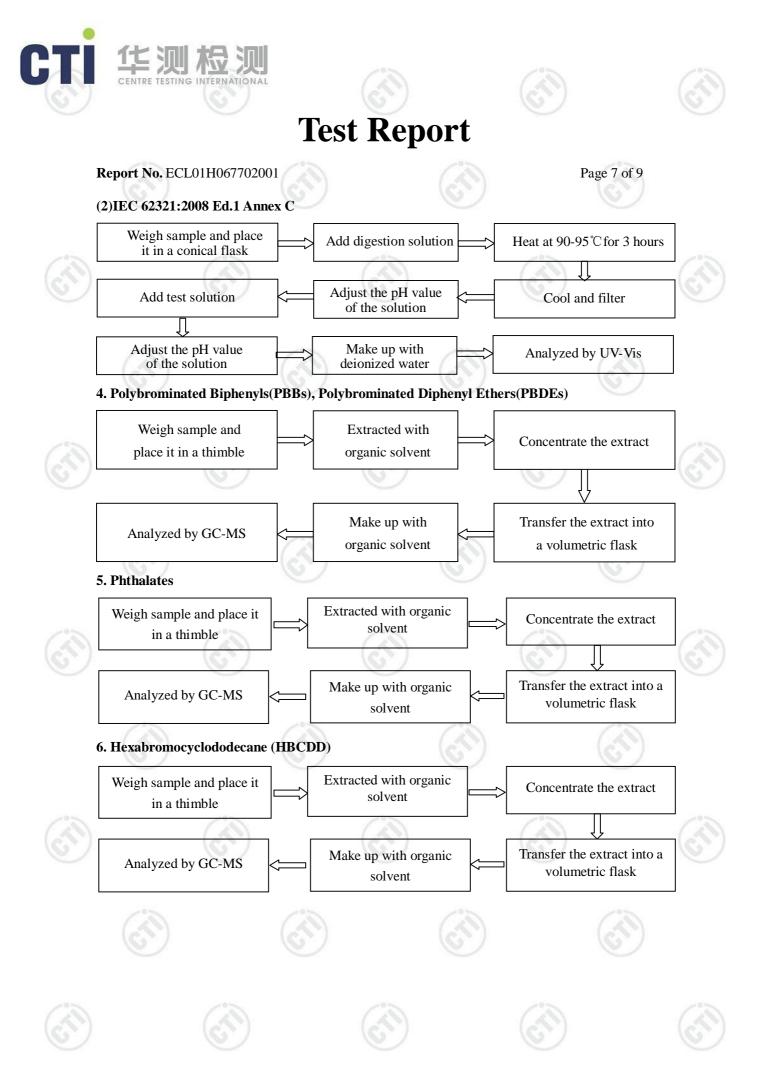
-mg/kg = ppm = parts per million

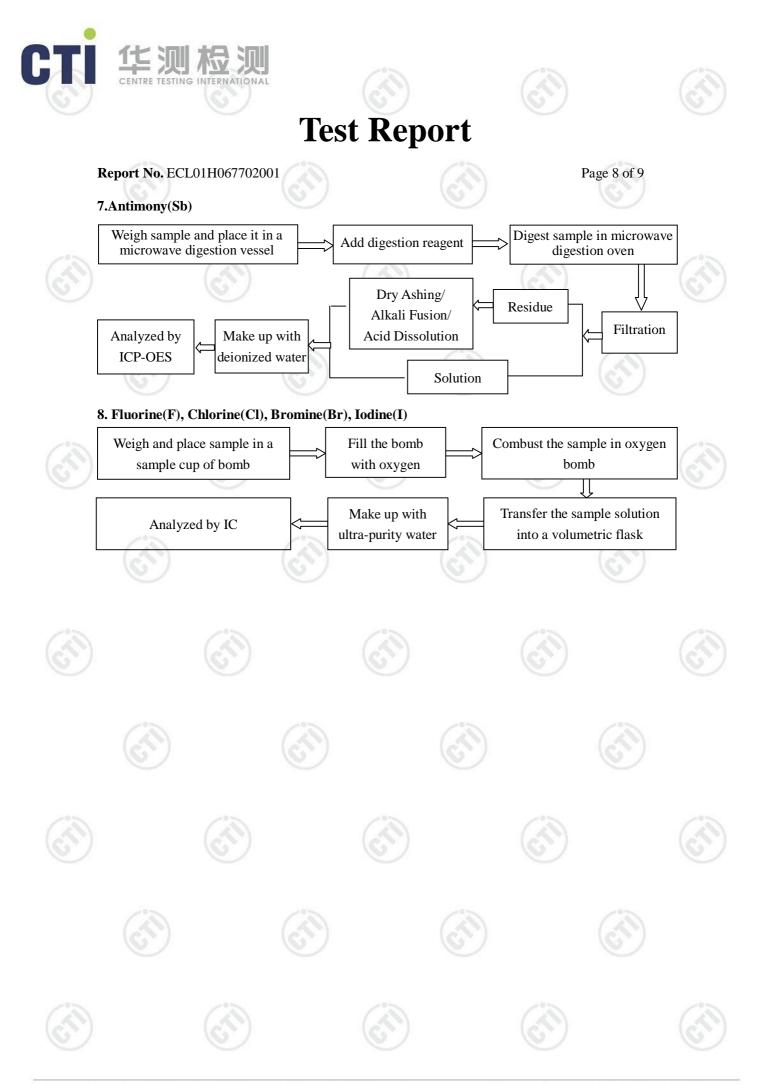
-Negative = Absence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is less than 0.02 mg/kg with $50cm^2$ sample surface area used.

Test Process

1. Lead(Pb), Cadmium(Cd)

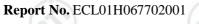






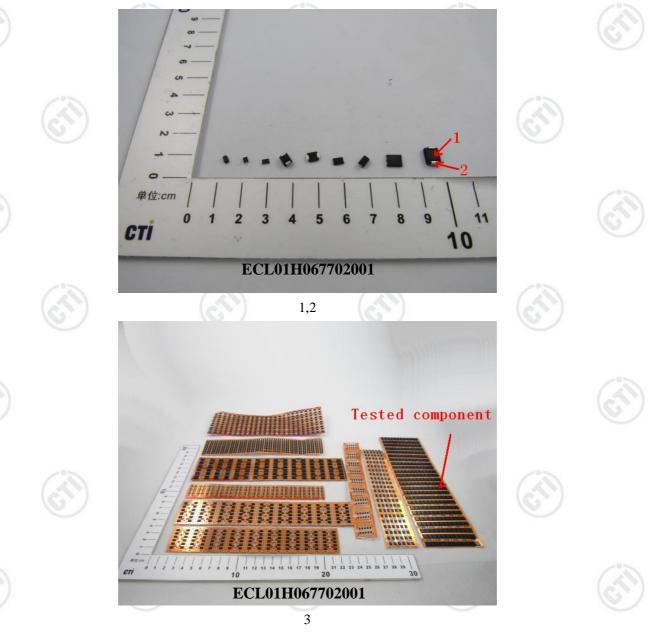








Photo(s) of the sample(s)



*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

