



**CENTRE OF TESTING SERVICE
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

TEST REPORT

RoHS 2011/65/EU

Test Report Number : CGZ3130605-01580-C



CTS (Ningbo) Testing Service Technology Co., Ltd.

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1 General Information

1.1 Application Details

Name : XIAMEN AMOYDECOR INDUSTRIAL CO.,LTD
Address : SECTION 301E, NO.44, GUANRI ROAD, XIAMEN SOFTWARE
PARK PHASE II, XIAMEN, FUJIAN, CHINA
Contact : Pear
Telephone : +86-592-5031685
Fax : +86-592-5094526
Mobile telephone : /
Email : pear@amoydecor.com

1.2 Manufacturer & Buyer

Manufacturer name : XIAMEN AMOYDECOR INDUSTRIAL CO.,LTD
Address : SECTION 301E, NO.44, GUANRI ROAD, XIAMEN SOFTWARE
PARK PHASE II, XIAMEN, FUJIAN, CHINA
Contact : Pear
Telephone : +86-592-5031685
Fax : +86-592-5094526
Mobile telephone : /
Email : pear@amoydecor.com
Buyer name : /

1.3 Description of the Test Item

Sample name : MUSIC DOG
Model No. : ADF13013B
Brand name : /
Condition of sample(s) : EFFECTIVE

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2 Test results

2.1 Sample Receiving Date

Jun. 5, 2013

2.2 Testing Period

Jun. 5, 2013 to Jun. 14, 2013

2.3 Test Requested

In accordance with the RoHS Directive 2011/65/EU Annex II.

2.4 Test Method

1. X-Ray Fluorescence Spectrometry method in reference to IEC 62321: 2008.
2. Chemical test method

Test Item(s)	Test Method	Test Instrument
Lead (Pb)	With reference to IEC 62321:2008	ICP-AES
Cadmium (Cd)	With reference to IEC 62321:2008	ICP-AES
Mercury (Hg)	With reference to IEC 62321:2008	ICP-AES
Chromium VI (Cr VI)	With reference to IEC 62321:2008	UV-Vis
PBBs	With reference to IEC 62321:2008	GC-MS
PBDEs		

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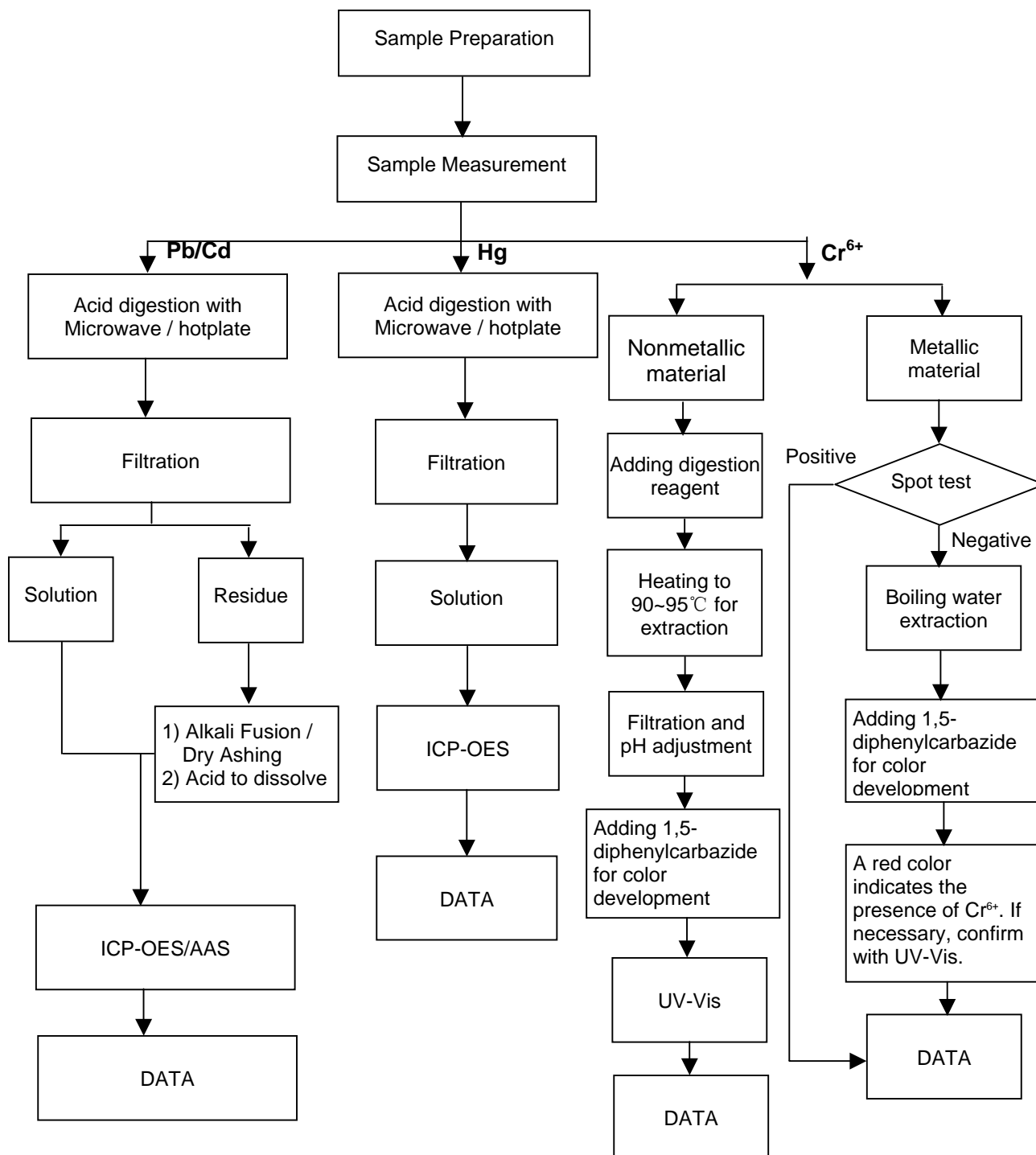
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2.5 Chemical Test Method Flow Chart



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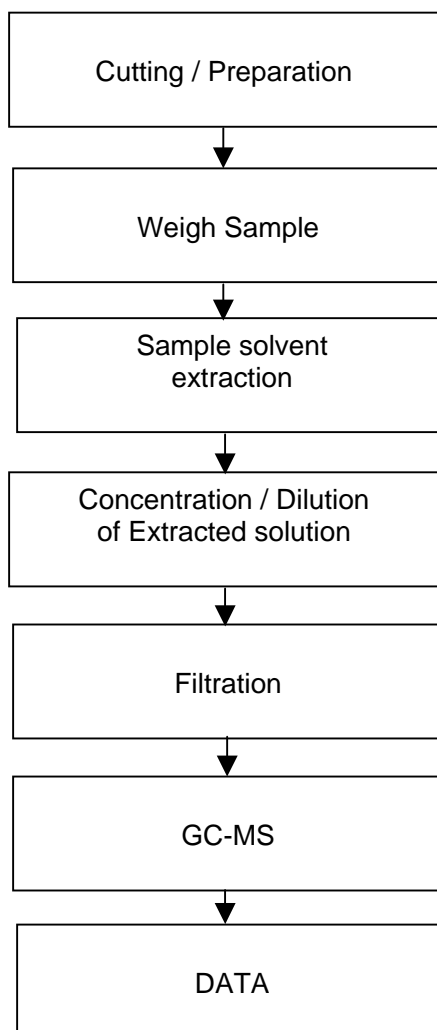
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PBBs / PBDEs



2.6 Conclusion

Based on the performed tests on submitted samples, the results of Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE) comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

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2.7 Test Results

2.7.1 Test results of all parts by EDXRF and chemical confirmation

No.	Sample Description			Results					Chemical Confirmation Result (Unit=mg/kg)
				Pb	Cd	Hg	Cr	Br	
1	Outside	Body	White pompon	P	P	P	P	P	
2			Red corduroy	P	P	P	P	P	
3			White velour	P	P	P	P	P	
4			Grey thread (fastener of hat, scarf)	P	P	P	P	P	
5			Khaki plush	P	P	P	P	P	
6			Beige velour	P	P	P	P	P	
7			Black string (eyes)	P	P	P	P	P	
8			Brown string (eyes)	P	P	P	P	P	
9			White string (eyes)	P	P	P	P	P	
10			Black fabric (nose)	P	P	P	P	P	
11			Pink fabric (mouth)	P	P	P	P	P	
12			Red coating (bottom)	P	P	P	P	P	
13			White coating (bottom)	P	P	P	P	P	
14			White fabric excluding coating	P	P	P	P	P	
15		Base	Flesh color velour	P	P	P	P	P	
16			Black string (leg)	P	P	P	P	P	
17			White plastic	P	P	P	P	P	
18			Silvery metal screw	P	P	P	P	/	

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No.	Sample Description		Results					Chemical Confirmation Result (Unit=mg/kg)	
			Pb	Cd	Hg	Cr	Br		
19	Inside	Flesh color plastic	P	P	P	P	P		
20		White fabric（base of mouth）	P	P	P	P	P		
21		White cotton	P	P	P	P	P		
22		Yellow thread (fastener of botton)	P	P	P	P	P		
23		Transparent adhesive	P	P	P	P	P		
24		Wires	Yellow cable jacket	P	P	P	P	P	
25			Pale yellow cable jacket	P	P	P	P	P	
26			Pale green cable jacket	P	P	P	P	P	
27			Black cable jacket	P	P	P	P	P	
28			Red cable jacket	P	P	P	P	P	
29			Blue cable jacket	P	P	P	P	P	
30			White cable jacket	P	P	P	P	P	
31			Grey cable jacket	P	P	P	P	P	
32			Copper-colored wire	P	P	P	P	/	
33		loudhailer	Green plastic	P	P	P	P	P	
34			Transparent plastic sheet	P	P	P	P	P	
35			Beige PCB board	P	P	P	P	X	PBBs,PBDEs =N.D.
36			Magnet	P	P	P	P	P	
37	Laminations		P	P	P	P	/		
38	Copper-colored enamelled wire		P	P	P	P	/		

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No.	Sample Description				Results					Chemical Confirmation Result (Unit=mg/kg)		
					Pb	Cd	Hg	Cr	Br			
39	Inside	PCB	Aluminum electrolytic capacitor Aluminum electrolytic capacitor	Black plastic jacket with white printing	P	P	P	P	P			
40				Silvery metal cover	P	P	P	P	/			
41				Black rubber end closure	P	P	P	P	P			
42				Pin	P	P	P	P	/			
43				Capacitor anode film	P	P	P	P	P			
44				Capacitor cathode film	P	P	P	P	P			
45				Paper film	P	P	P	P	P			
46				IC	Body	P	P	P	P	X	PBBs,PBDEs =N.D.	
47			Pin		P	P	P	P	/			
48			Chip IC				P	P	P	P	P	
49			Chip capacitor				P	P	P	P	P	
50			Chip resistor				X	P	P	P	P	Pb=986
51			Audion				P	P	P	P	P	
52			Brown PCB board				P	P	P	P	X	PBBs,PBDEs =N.D.
53			Copper foil				P	P	P	P	P	
54		Soldering tin				X	P	P	P	/	Pb=523	
55		Ceramic capacitor	Brown body			P	P	P	P	P		
56			Pin			P	P	P	P	/		
57		Yellow color wheel resistor	Yellow Body			P	P	P	P	P		
58			Pin			P	P	P	P	/		
59		Green color wheel resistor	Green Body			P	P	P	P	P		
60			Pin			P	P	P	P	/		

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No.	Sample Description			Results					Chemical Confirmation Result (Unit=mg/kg)
				Pb	Cd	Hg	Cr	Br	
61	Inside	Motor	Off-white plastic back cover	P	P	P	P	P	
62			Copper-colored limit bearing	P	P	P	P	P	
63			U-shaped spring	P	P	P	P	P	
64			Magnet	P	P	P	P	P	
65			Silver-grey metal cover	P	P	P	P	/	
66			Enamelled wire	P	P	P	P	P	
67			Silvery metal shaft	P	P	P	P	/	
68			Silvery metal brush wafer	P	P	P	P	/	
69			Silvery metal spring sheet	P	P	P	P	/	
70			Laminations	P	P	P	P	/	
71			Red washer	P	P	P	P	P	
72			Black washer	P	P	P	P	P	
73			White plastic gasket	P	P	P	P	P	
74			Lube	P	P	P	P	P	
75		White gears		P	P	P	P	P	
76		White elastic		P	P	P	P	P	
77		White plastic pulley		P	P	P	P	P	
78		Semi-transparent plastic pulley		P	P	P	P	P	
79		Touch switch	Black plastic	P	P	P	P	P	
80			Silvery metal wafer	P	P	P	P	/	

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No.	Sample Description		Results					Chemical Confirmation Result (Unit=mg/kg)	
			Pb	Cd	Hg	Cr	Br		
81	Inside	Silvery metal (axes)	P	P	P	P	/		
82		Silvery metal screw	P	P	P	P	/		
83		Silvery metal washer	P	P	P	P	/		
84		Wire connection	White plastic	P	P	P	P	P	
85			Silvery metal wafer	P	P	P	X	/	CrVI=N.D.
86			Silvery metal pin	P	P	P	P	/	
87		Toggle switch	Metal cover	P	P	P	P	/	
88			Silvery metal wafer	P	P	P	P	/	
89			Pin	P	P	P	P	/	
90			Black plastic	P	P	P	P	P	
91			Spring	P	P	P	P	/	
92			Fiberboard	P	P	P	P	P	
93		Lockless switch	Black plastic	P	P	P	P	P	
94			Silvery metal piece	P	P	P	P	/	
95			Metal dome	P	P	P	P	/P	
96			Pin	P	P	P	P	/	

Note : P = Below Limit (Pass)
 F = Over Limit (Fail)
 X = Inconclusive
 N.D. = not detected (less than MDL)
 1mg/kg=1ppm=0.0001%

Remarks:

- (1) Results are obtained by EDXRF for primary screening, and further chemical testing is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321: 2008.

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Element	Polymer Materials	Metallic Materials	Electronic Materials
Pb	$P \leq 500 < X < 1300 \leq F$	$P \leq 500 < X < 1300 \leq F$	$P \leq 500 < X < 1300 \leq F$
Cd	$P \leq 50 < X < 130 \leq F$	$P \leq 50 < X < 130 \leq F$	$X < 130 \leq F$
Hg	$P \leq 500 < X < 1300 \leq F$	$P \leq 500 < X < 1300 \leq F$	$P \leq 500 < X < 1300 \leq F$
Cr	$P \leq 700 < X$	$P \leq 700 < X$	$P \leq 500 < X$
Br	$P \leq 250 < X$	/	$P \leq 250 < X$

(2) Chemical Confirmation Result acceptable Limit:

Test items	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium (CrVI)	PBBs	PBDEs
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acceptable Limit	1000	100	1000	1000	1000	1000

(3) The test results only apply to the materials requested by applicant.

Written by: *Amanda*

Inspected by: *Annie*

Approved by: *lyt*

End of Report



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3 Sample Reference Photo



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