

RoHS TEST REPORT

APPLICANT: Shanghai SIMCom Wireless Solutions Limited.

PRODUCT NAME : SIM7100E

MODEL NAME : N/A

BRAND NAME: N/A

TEST REQUEST: Test as requested by client

TEST DATE : 2017-12-01 to 2017-12-08

ISSUE DATE : 2017-12-12

Based on the verification results of the submitted samples,

TEST CONCLUSION: the results comply with the limits as set by RoHS Directive

2011/65/EU and amended by (EU) 2015/863

Tested by : Liu Rui(Test engineer)

Approved by : ______

Xiaoshan Ni (Supervisor)

NOTE: This document is issued by MORLAB, the test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and information confirmed at our website.





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1. Technical Information

Note: Provided by applicant

1.1 Applicant Information

Applicant Shanghai SIMCom Wireless Solutions Limited.

Building A,SIM Technology Building,No.633,Jinzhong Road,Changning **Applicant Address**

Disdrict, Shanghai P.R. China 200335

Manufacturer N/A **Manufacturer Address** N/A

2. Component Description

Part No.	Sample No.	Sample Description	Sample Material
4	Λ. 4	RES NTC 68KR +/-5% CH0402 RO	COMPOSITE
1	A-1	RES NTC 68KR +/-5% CH0402 RO	COMPOSITE
0	A 0	RES MF 100K +/-1% 1/20W CH0201 RO	COMPOSITE
2	A-2	RES MF 100K +/-1% 1/20W CH0201 RO	COMPOSITE
		RES MF 0R +/-5% 1/20W CH0201 RO	COMPOSITE
3	A-3	RES MF 0R +/-5% 1/20W CH0201 RO	COMPOSITE
		RES MF 0R +/-5% 1/20W CH0201 RO	COMPOSITE
		RES MF 10K +/-5% 1/20W CH0201 RO	COMPOSITE
4	A-4	RES MF 10K +/-5% 1/20W CH0201 RO	COMPOSITE
		RES MF 10K +/-5% 1/20W CH0201 RO	COMPOSITE
5	A-5	RES MF 680R +/-1% 1/20W CH0201 RO	COMPOSITE
6	A-6 RES MF 47R +/-5% 1/20W CH 0201 RO		COMPOSITE
		RES MF 150R +/-1% 1/20W CH0201 RO	COMPOSITE
7	A-7	RES MF 150R +/-1% 1/20W CH0201 RO	COMPOSITE
		RES MF 150R +/-1% 1/20W CH0201 RO	COMPOSITE
8	A-8	RES MF 20KR +/-5% 1/20W CH0201 RO	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
		RES MF 240R +/-1% 1/20W CH0201 RO	COMPOSITE
9	A-9		
		RES MF 240R +/-1% 1/20W CH0201 RO	COMPOSITE
10	A-10	RES MF 200R +/-1% 1/20W CH0201 RO	COMPOSITE
11	A-11	RES MF 4.75K +/-1% 1/20W CH0201 RO	COMPOSITE
	,,,,	RES MF 4.75K +/-1% 1/20W CH0201 RO	COMPOSITE
		CAP X5R 1UF +/-20% 6.3V CH0201 RO	COMPOSITE
		CAP X5R 1UF +/-20% 6.3V CH0201 RO	COMPOSITE
		CAP X5R 1UF +/-20% 6.3V CH0201 RO	COMPOSITE
12	A-12	CAP X5R 1UF +/-20% 6.3V CH0201 RO	COMPOSITE
		CAP X5R 1UF +/-20% 6.3V CH0201 RO	COMPOSITE
		CAP X5R 1UF +/-20% 6.3V CH0201 RO	COMPOSITE
		CAP X5R 1UF +/-20% 6.3V CH0201 RO	COMPOSITE
40	A-13	CAP X5R 4.7UF +/-20% 10V CH0402 RO	COMPOSITE
13		CAP X5R 4.7UF +/-20% 6.3V 0402 +0.03 RO	COMPOSITE
	A-14	CAP X5R 22UF 6.3V +/-20% 0603 RO	COMPOSITE
		CAP X5R 22UF +/-20% 6.3V CH0603 RO	COMPOSITE
14		CAP X5R 22UF +/-20% 6.3V CH0603*0.8 RO	COMPOSITE
		CAP X5R 22UF +/-20% 6.3V CH0603*0.6 RO	COMPOSITE
		CAP X5R 22UF 6.3V +/-20% 0603 RO	COMPOSITE
45	A 45	CAP X5R 47UF +/-20% 6.3V CH0603 0.8MM RO	COMPOSITE
15	A-15	CAP X5R 47UF +/-20% 6.3V CH0603 RO	COMPOSITE
46	A 46	CAP X5R 10UF +/-20% 6.3V CH0402 RO	COMPOSITE
16	A-16	CAP X5R 10UF +/-20% 6.3V CH0402 RO	COMPOSITE
47	۸ 47	CAP X5R 2.2UF +/-20% 6.3V CH0201 RO	COMPOSITE
17	A-17	CAP X5R 2.2UF +/-20% 6.3V CH0201 RO	COMPOSITE
		1	1



Part No.	Sample No.	Sample Description	Sample Material
		CAP X5R 2.2UF +/-20% 6.3V CH0201 RO	COMPOSITE
		CAP X5R 2.2UF +/-20% 6.3V CH0201 RO	COMPOSITE
		CAP X5R 100NF +/-10% 10V CH0201 RO	COMPOSITE
40	A 40	CAP X5R 100NF +/-10% 10V CH0201 RO	COMPOSITE
18	A-18	CAP X5R 100NF +/-10% 10V CH0201 RO	COMPOSITE
		CAP X5R 100NF +/-10% 10V CH0201 RO	COMPOSITE
40	A 40	CAP CM1 100PF +/5% 25V CH0201 RO	COMPOSITE
19	A-19	CAP CM1 100PF +/5% 25V CH0201 RO	COMPOSITE
		CAP X7R 1NF +/-10% 25V CH0201 RO	COMPOSITE
20	A-20	CAP X7R 1NF +/-10% 25V CH0201 RO	COMPOSITE
		CAP X7R 1NF +/-10% 25V CH0201 RO	COMPOSITE
	A-21	CAP COG 33PF +/-5% 25V CH0201 RO	COMPOSITE
21		CAP COG 33PF +/-5% 25V CH0201 RO	COMPOSITE
		CAP COG 33PF +/-5% 25V CH0201 RO	COMPOSITE
20	A 00	CAP COG 1PF +/-0.25PF 50V CH0201 RO	COMPOSITE
22	A-22	CAP COG 1PF +/-0.25PF 50V CH0201 RO	COMPOSITE
23	A-23	TVS 5V 6PF 双向 DFN0603 RO	COMPOSITE
24	A-24	IND FILM 3.0NH +/-0.1NH CH0201 RO	COMPOSITE
25	A-25	IND HQ 6.8NH +/-3% CH0201 RO	COMPOSITE
200	A 00	IND HQ CHIP COIL 8.2NH +/-3% CH0201 RO	COMPOSITE
26	A-26	8.2NH +/-3% CH0201 RO	COMPOSITE
27	۸ ۵7	IND HQ 1.2NH +/0.1NH CH0201 RO	COMPOSITE
27	A-27	IND HQ 1.2NH +/0.1NH CH0201 RO	COMPOSITE
28	A-28	IND HQ 1.5NH +/-1% CH0201 RO	COMPOSITE



		I	
Part No.	Sample No.	Sample Description	Sample Material
28		IND HQ 1.5NH +/-1% CH0201 RO	COMPOSITE
29	A-29	IND FILM HQ 2.2NH +/-0.1NH220MACH0201 RO	COMPOSITE
29	A-29	IND FILM HQ 2.2NH ±0.1NH 220MACH0201 RO	COMPOSITE
20	A 20	IND HIGH 22NH +/-3% CH0201 RO	COMPOSITE
30	A-30	IND HIGH 22NH +/-3% CH0201 RO	COMPOSITE
31	A-31	IND HIGH 18NH +/-3% CH0201 RO	COMPOSITE
32	A-32	IND HQ CHIP COIL 10NH +/-3% CH0201 RO	COMPOSITE
33	A-33	BEAD 220OHM@100MHZ 1400MA 0.1R CH0603 RO	COMPOSITE
		BEAD 220R/100MHZ 1.4A 0603 RO	COMPOSITE
34	A-34	IND_HIGH_15NH_+/-5%_CH0201 RO	COMPOSITE
34	A-34	IND HQ CHIP COIL 15NH +/-3% CH0201 RO	COMPOSITE
35	A-35	IND FILM 9.1NH +/-3% CH0201 RO	COMPOSITE
		IND HQ CHIP COIL 4.7NH +/-3% CH0201 RO	COMPOSITE
36	A-36	IND HQ CHIP COIL 4.7NH +/-3% CH0201 RO	COMPOSITE
		IND HIGH 4.7NH +/-3% CH0201 RO	COMPOSITE
37	A-37	IND HIGH 47NH +/-5% CH0201 RO	COMPOSITE
		IND LOW 2.2UH +/-20% 1200MA CH2016 RO	COMPOSITE
38	A-38	IND LOW 2.2UH +/-20% 1200MA CH2016 RO	COMPOSITE
		IND MULTI 2.2UH ±20% 1.2A CH2016 RO	COMPOSITE
20	A 20	TCXO 19.2MHZ 7PF +-10PPM 2.0*1.6 RO	COMPOSITE
39 A-39		CRY XO 19.2MHZ 7PF +/-10PPM CH2016 RO	COMPOSITE
40	A 40	MEMO 2G8NAND+1G32DDR 1.8V BGA130 RO	COMPOSITE
40	A-40	MEMO 2G8NAND+1G32DDR 1.8V BGA130 RO	COMPOSITE
41	A-41	ASW SP8T DRX GPIO 2*2*0.55MM RO	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material	
42	A-42	B41 RX SAW 2555-2655MHZ 1109 RO	COMPOSITE	
43	A-43	B41 TX SAW 2555-2655MHZ 1411 RO	COMPOSITE	
44	A-44	BAND40 BALANCED RX SAW 11*09MM RO	COMPOSITE	
45	A-45	BAND 8 RX SAW 50R/100R 1109 RO	COMPOSITE	
46	A-46	PA GSM/EDGE/UMTS/CDMA/TD/LTE 7*5 RO	COMPOSITE	
47	A-47	SAW GPS/GLONASS 50/100R 1.1*0.9 RO	COMPOSITE	
48	A-48	SAW RX WCDMA BAND1 50/100R 1.1*0.9MM RO	COMPOSITE	
49	A-49	TRX GSM/TD/EVDO/WCDMA/LTE WLNSP142 RO	COMPOSITE	
50	A-50	SAW DPX UMTS BAND1 50/100/50R 2.0*1.6 RO	COMPOSITE	
51	A-51	BAND40 TX SAW FILTER 1.35*1.05 RO	COMPOSITE	
		SPDT SWITCH 1.0*1.0*0.4MM RO	COMPOSITE	
52	A-52	GAASVERY SMALL1BIT CONTROLSPDT SWITCH RO	COMPOSITE	
53	A-53	SAW DPX BAND3 50/100R 2016 RO	COMPOSITE	
54	A-54	SAW DPX WCDMA900 50/100/50R 2.0*1.6 RO	COMPOSITE	
55	A-55	DIFFERENTIAL 3T SWITCH 2*2*0.55MM RO	COMPOSITE	
56	A-56	DP4T SWITCH 10PIN 1.1*1.5*0.9MM RO	COMPOSITE	
57	A-57	SAW RX WCDMA B3 50/100R 1.1*0.9 RO	COMPOSITE	
58	A-58	NPN 50V 100MA R1=100K R2=100K SOT-723 RO	COMPOSITE	
50	4.50	TVS 5V 0.55PF 双路 DFN1006-3L RO	COMPOSITE	
59	A-59	TVS 5V 0.5PF 双路 DFN1006-3L RO	COMPOSITE	
60	A-60	PMU WLNSP-105 3.87*4.44*0.55MM 0.4P RO	COMPOSITE	
61	A-61	BB EDGE/TD/EVDO/HSPA+/LTE 424NSP 550M RO	COMPOSITE	
62	A-62	PAM B7/38/40/41 3*4*0.9MM RO	COMPOSITE	
63	A-63	ASW SP14T GPIO QFN-22 2.5*2.9*1.0MM RO	COMPOSITE	



Part No.	Sample No.	Sample Description	Sample Material	
64	A-64	PCB 8PPA00-SIM7100CE 10L HDI V1.05 RO	COMPOSITE	
0.5	A 05	SHIELDING FRAME SIM7100 RO	METAL	
65	A-65	SHIELDING FRAME-NEW SIM7100 RO	METAL	
66	A-66	SIM7100C SHIELDING CASE HOLE SLOT NEW RO	METAL	
67	A-67	IND HQ CHIP COIL 3.9NH ±0.1NH CH0201 RO	COMPOSITE	
68	A-68	LOW PASS FILTER 824-915MHZ 0.65*0.5 RO	COMPOSITE	
69	A-69	IND HQ 1NH +/-0.1NH CH0201 RO	COMPOSITE	
		CAP COG 0.5PF +/-0.1PF 50V CH0201 RO	COMPOSITE	
70	A 70	CAP COG 0.5PF +/-0.1PF 50V CH0201 RO	COMPOSITE	
70	A-70	CAP COG 0.5PF +/-0.1PF 50V CH0201 RO	COMPOSITE	
		CAP COG 0.5PF +/-0.1PF 50V CH0201 RO	COMPOSITE	
71	A-71	DP4T SWITCH 10PIN 1.1*1.5*0.9MM RO	COMPOSITE	
72	A-72	IND HIGH 2.5NH +/-1% CH0201 RO	COMPOSITE	
73 A-73		CAP COG 22PF +/-5% 50V CH0201 RO	COMPOSITE	
73 A-73		CAP COG 22PF +/-5% 50V CH0201 RO		
74	A-74	IND HIGH 4.3NH +/-3% CH0201 RO	COMPOSITE	
75	A-75	IND HQ CHIP COIL 5.1NH +/-3% CH0201 RO	COMPOSITE	
70	A 70	IND HIGH 3NH+/-0.1NH CH0201 RO	COMPOSITE	
76	A-76	IND FILM 3.0NH +/-0.1NH CH0201 RO	COMPOSITE	
		CAP COG 1.2P +/-0.1PF 50V CH0201 RO	COMPOSITE	
77	A-77	CAP COG 1.2P +/-0.1PF 50V CH0201 RO	COMPOSITE	
		CAP COG 1.2P +/-0.1PF 50V CH0201 RO	COMPOSITE	
78	A-78	SAW RX B34/39 50/50/100R 1511 RO	COMPOSITE	
79	A-79	TD B34/B39 TX SAW 2*1.25*1 RO	COMPOSITE	



Part No.	Sample No.	Sample Description	Sample Material	
80	A-80	IND HIGH 2.7NH +/-0.1NH CH0201 RO	COMPOSITE	
81	A-81	SAW DPX UMTS BAND5 50/100/50 2.0*1.6 RO	COMPOSITE	
		CAP COG 6PF +/-0.25PF 50V 0201 RO	COMPOSITE	
82	A-82	CAP COG 6PF +/-0.25PF 50V 0201 RO	COMPOSITE	
02	A-02	CAP COG 6PF +/-0.25PF 50V 0201 RO	COMPOSITE	
		CAP COG 6PF +/-0.5PF 25V 0201 RO	COMPOSITE	
		IND HIGH 3.3NH +/-0.1NH CH0201 RO	COMPOSITE	
83	A-83	IND HIGH 3.3NH +/-0.1NH CH0201 RO	COMPOSITE	
		IND HIGH 3.3NH +/-0.1NH CH0201 RO	COMPOSITE	
84	A-84	B5 RX SAW 1.1*0.9MM RO	COMPOSITE	
0.5	A 0.5	RES 68K +/-1% 1/20W CH0201 RO	COMPOSITE	
85	A-85	RES 68K +/-1% 1/20W CH0201 RO	COMPOSITE	
	A 00	TVS 15V 0.05PF CH0201 RO	COMPOSITE	
86	A-86	TVS 12V 15.5PF DFN0603-2L(0201) RO	COMPOSITE	
0.7	۸ 07	IND HQ 5.6NH+/-3% 0.68R 140MA CH0201 RO	COMPOSITE	
87	A-87	IND 5.6NH +/-0.3NH 0.4R 150MA CH0201 RO	COMPOSITE	
88	A-88	IND HIGH 2NH ±0.1NH CH0201 RO	COMPOSITE	
90	A 00	CAP COG 1PF +/-0.25PF 50V CH0201 RH	COMPOSITE	
89	A-89	CAP COG 1PF +/-0.25PF 50V CH0201 RO	COMPOSITE	
		IND HIGH 0.6NH +/-0.1NH CH0201 RO	COMPOSITE	
90	A-90	IND HIGH 0.6NH +/-0.1 CH0201 RO	COMPOSITE	
		IND HIGH 0.6NH +/-0.1 CH0201 RO	COMPOSITE	
04	۸ 04	CAP COG 2.2PF +/-0.25PF 50V CH0201 RO	COMPOSITE	
91	A-91	CAP COG 2.2PF +/-0.25PF 50V CH0201 RO	COMPOSITE	



Part No.	Sample No.	Sample Description	Sample Material
92	A-92	TVS 4V 0.05PF CH0201 RO	COMPOSITE
93	A-93	TVS 5V 10PF DFN0603-2L(0201) RO	COMPOSITE
94	A-94	BI-TVS VRWM5V10PF DFNWB0.6*0.3-2L RO	COMPOSITE
95	A-95	RF SP2T 1.1X0.7 RFMD RO	COMPOSITE
96	A-96	BB EDGE/TD/HSPA+/LTE 424BNSP 550MHZ RO	COMPOSITE
97	A-97	PCB SIM7100E 10L HDI PCB V1.02 RH	COMPOSITE
98	A-98	SAW RX WCDMA B7 50/100R 1.1*0.9 RO	COMPOSITE
99	A-99	SAW DPX BAND7 50/100/50R 2.0*1.6 RO	COMPOSITE
100	A-100	SAW DPX BAND20 50/100R 2016 RO	COMPOSITE
101	A-101	SAW RX WCDMA B20 50/100R 1.1*0.9 RO	COMPOSITE
102	A-102	TVS 4V 0.05PF CH0201 RO	COMPOSITE



3. Test Methods

3.1. Screening test by XRF spectroscopy

Element	Polymer	Metal	Composite Materials
Cd	P≤70-3σ <d<130+3σ≤f< td=""><td>P≤70-3σ<d<130+3σ≤f< td=""><td>P≤50-3σ<d<150+3σ≤f< td=""></d<150+3σ≤f<></td></d<130+3σ≤f<></td></d<130+3σ≤f<>	P≤70-3σ <d<130+3σ≤f< td=""><td>P≤50-3σ<d<150+3σ≤f< td=""></d<150+3σ≤f<></td></d<130+3σ≤f<>	P≤50-3σ <d<150+3σ≤f< td=""></d<150+3σ≤f<>
Pb	P≤700-3σ <d<1300+3σ≤f< td=""><td>P≤700-3σ<d<1300+3σ≤f< td=""><td>P≤500-3σ<d<1500+3σ≤f< td=""></d<1500+3σ≤f<></td></d<1300+3σ≤f<></td></d<1300+3σ≤f<>	P≤700-3σ <d<1300+3σ≤f< td=""><td>P≤500-3σ<d<1500+3σ≤f< td=""></d<1500+3σ≤f<></td></d<1300+3σ≤f<>	P≤500-3σ <d<1500+3σ≤f< td=""></d<1500+3σ≤f<>
Hg	P≤700-3σ <d<1300+3σ≤f< td=""><td>P≤700-3σ<d<1300+3σ≤f< td=""><td>P≤500-3σ<d<1500+3σ≤f< td=""></d<1500+3σ≤f<></td></d<1300+3σ≤f<></td></d<1300+3σ≤f<>	P≤700-3σ <d<1300+3σ≤f< td=""><td>P≤500-3σ<d<1500+3σ≤f< td=""></d<1500+3σ≤f<></td></d<1300+3σ≤f<>	P≤500-3σ <d<1500+3σ≤f< td=""></d<1500+3σ≤f<>
Br	P≤300-3σ <d< td=""><td></td><td>P≤250-3σ<d< td=""></d<></td></d<>		P≤250-3σ <d< td=""></d<>
Cr	P≤700-3σ <d< td=""><td>P≤700-3σ<d< td=""><td>P≤500-3σ<d< td=""></d<></td></d<></td></d<>	P≤700-3σ <d< td=""><td>P≤500-3σ<d< td=""></d<></td></d<>	P≤500-3σ <d< td=""></d<>

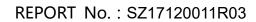
Note: P = PASS F = FAIL

The symbol "D" marks the region where further investigation is necessary.

XRF testing results are only used for reference.

3.2. Chemical Test

Test item	Procedure	Apparatus	MDL(mg/kg)
Hg	With reference to IEC 62321-4-2013	ICP-OES	2
Cd & Pb	With reference to IEC 62321-5-2013	CV-AAS or ICP-OES	2
0.64	With reference to IEC 62321-7-2:2017 (For Polymer and Electronics)	UV-VIS	2
Cr ⁶⁺	With reference to IEC 62321-7-1:2015 ⁴ (For Plating on Metals)	00-015	0.1ug/cm ²
PBBs & PBDEs	With reference to IEC 62321-6:2015	GC-MS	5
Phthalates (DBP,BBP,DEHP,DIBP)	EN14372:2004	GC-MS	10





4. Test Results and Photographs of Sample The results of XRF screening and chemical test (Unit: mg/kg)

No.	Sample	creening and chemical test (Unit: mg Figure		creening	0	chemical test	t
INU.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
		P/N: S2-1967 SN: P3961665 IME1: 866832	526668694 15 (4) (1)				
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br	N.D.			1
		Assessed	Cr ⁶⁺] ,	,	
1	A-1		PBBs		/	/	
		20 H	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.	1		
		Reinard III at	Hg	N.D.			
			Cr	N.D.		/	1
		About	Br	N.D.			,
2	A-2		Cr ⁶⁺		/		
-	_		PBBs				
			PBDEs				ND
			DBP BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			1
			Cr ⁶⁺		,	,	
3	A-3	A-3	PBBs		/	/	
		8.0	PBDEs				
		DBP		N.D.			
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





	Sample	<u>-</u> .	X-ray So	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			/
_	A-4		Cr ⁶⁺		,	,	
4	A-4		PBBs		/	/	
		. 20	PBDEs				
		4	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
		A	Br	N.D.			•
5	A-5		Cr ⁶⁺		/	/	
			PBBs				
		<u> </u>	PBDEs				N.D.
			DBP				N.D.
			BBP DEHP				N.D. N.D.
			DIBP				N.D.
			Pb	N.D.			N.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
		3.8	Br	N.D.			/
		of the state of th	Cr ⁶⁺		,	,	
6	A-6	8	PBBs		/	/	
			PBDEs				
		3 9	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			/
			Cr ⁶⁺				
7	A-7	• • 📜	PBBs		/	/	
		* #	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





No.	Sample	Figure	X-ray So	creening	(chemical tes	t
INO.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			,
8	A-8		Cr ⁶⁺		,	1	
	7.0		PBBs		,	,	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP Pb	N.D.			N.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
		*	Br	N.D.			1
		1,300	Cr ⁶⁺				
9	A-9		PBBs		/	1	
		garden de la companya del la companya de la company	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br O 6+	N.D.			
10	A-10	A CONTRACTOR OF THE PARTY OF TH	Cr ⁶⁺ PBBs		1	1	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
		•	Br	N.D.			1
		2" 1 " " " " " " " " " " " " " " " " " "	Cr ⁶⁺	14.0.			
11	A-11		PBBs		1	1	
		. 10.0					
		. *	PBDEs				N.D.
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





No.	Sample	Figure	X-ray So	creening	(chemical tes	t
INO.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
		i de la companya de l	Br	N.D.			,
12	A-12	State Office	Cr ⁶⁺		,	1	
'-	7.12	Contract of the	PBBs		,	,	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP Pb	N.D.			N.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
		2.2	Br	N.D.			1
		基 册	Cr ⁶⁺				
13	A-13	光	PBBs		/	1	
		Ship and the second sec	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
		The second secon	Br Cr ⁶⁺	N.D.			
14	A-14	SEE CO.	PBBs		1	1	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
		-	Br	N.D.			/
			Cr ⁶⁺	. 1.0.			
15	A-15	学科	PBBs		1	1	
		THE STATE OF THE S	PBDEs				
		Walter and the second s					ND
		\$" "Strip to a reset \$1,000 and	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





N-	Sample	Figure	X-ray So	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			/
16	A-16		Cr ⁶⁺		/	/	
10	A-10	**************************************	PBBs		/	/	
		THE STATE OF THE S	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
		<u>.</u>	Cr	N.D.			/
		\$6 ₇₇ -	Br	N.D.			•
17	A-17		Cr ⁶⁺		/	/	
			PBBs				
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP Pb	N.D.			N.D.
			Cd	N.D.			
			Hg	N.D.			
		_	Cr	N.D.			
			Br	N.D.			/
		# · · · · · · · · · · · · · · · · · · ·	Cr ⁶⁺	14.5.			
18	A-18	*	PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			/
		3	Cr ⁶⁺	iN.⊿.			
19	A-19	1111			/	/	
		***************************************	PBBs				
			PBDEs				
			DBP				N.D.
		Daniel College Barrier College	BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





N-	Sample	F:	X-ray So	creening	C	chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			/
20	A-20	- Maria Alia	Cr ⁶⁺		,	/	
20	A-20	Books of	PBBs		/	/	
		* . \$	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
		St. or of	Cr	N.D.			/
		4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Br Cr ⁶⁺	N.D.			
21	A-21	Box as	PBBs		1	/	
		PBDEs					
		. *	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
		and the same	Br	N.D.			,
22	A-22		Cr ⁶⁺		/	/	
	7,722	* ************************************	PBBs		,	,	
		4. 40 3. 4	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP DIBP				N.D. N.D.
			Pb	N.D.			IN.D.
			Cd	N.D.			
				N.D.			
			Hg				
			Cr	N.D.			1
		*	Br	N.D.			
23	A-23		Cr ⁶⁺		/	/	
			PBBs				
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.



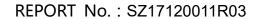


N-	Sample	Finance	X-ray S	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
		N. S.	Br	N.D.			/
24	A-24	· · · · · · · · · · · · · · · · · · ·	Cr ⁶⁺		,	/	
24	A-24	The state of the s	PBBs		,	,	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr Br	N.D.			1
			Cr ⁶⁺	N.D.			
25	A-25		PBBs		1	/	
		2 22	PBDEs				
		*	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br	N.D.			/
26	A-26	and the second second	Cr ⁶⁺		,	/	
20	A-20		PBBs		,	,	
		- yr	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP	N 5			N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br	N.D.			,
27	A-27		Cr ⁶⁺		,	/	
21	A-21		PBBs		/		
		• 26	PBDEs				
			DBP	1			N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			וטוט	l	l		۱۷.۵.





N-	Sample	Finance	X-ray So	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
		美国大学 (1995年)	Hg	N.D.			
			Cr	N.D.			,
		- 15	Br	N.D.			/
28	A-28		Cr ⁶⁺		/	/	
20	A-20		PBBs		,	,	
		**************************************	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
		Company of the Compan	Hg	N.D.			
			Cr Br	N.D.			1
		4.	Cr ⁶⁺	N.D.			
29	A-29		PBBs		1	/	
		of so	PBDEs				
		•	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			1
30	A-30		Cr ⁶⁺		/	/	
30	A-30	, y~ #	PBBs		,	,	
		*	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP	ND			N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
			Br	N.D.			
31	A-31	The state of the s	Cr ⁶⁺		/	/	
	A-01		PBBs		,	'	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP	ł			N.D.
			DIBP				N.D.
	1		5.51		<u> </u>		14.0.



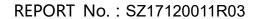


	Sample	F	X-ray S	creening	C	chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
		のないない	Br	N.D.			,
32	A 22	"好人成人 <u>做</u>	Cr ⁶⁺		,	,	
32	A-32	2 100	PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
		S. Hall	Br C=6+	N.D.			
33	A-33	3275	Cr ⁶⁺		/	/	
		THE STATE OF THE S	PBBs PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			IN.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			/
		District to	Cr ⁶⁺				
34	A-34	300	PBBs		/	/	
			PBDEs				
			DBP				N.D.
		THE PROPERTY OF THE PARTY OF TH	BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
		" to said	Br	N.D.			,
35	A-35		Cr ⁶⁺		/	/	
			PBBs				
		***	PBDEs				ND
			DBP BBP				N.D. N.D.
			DEHP				N.D.
			DIBP				N.D.
			DIDE				IN.D.





N-	Sample	Fig	X-ray S	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			1
			Cr ⁶⁺	IN.D.			
36	A-36		PBBs		1	/	
		T 3	PBDEs				N.D.
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
		2	Cr Br	N.D. N.D.			/
			Cr ⁶⁺	N.D.			
37	A-37	200 x 2	PBBs		1	/	
			PBDEs				
		C.	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
		W.	Cr	N.D.			,
		A Mill	Br	N.D.			,
38	A-38		Cr ⁶⁺		/	/	
		17. 7. 1 .	PBBs				
			PBDEs DBP				N.D.
		Committee of the Commit	BBP				N.D.
		Kenter Milliam Land Land	DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
		.00	Cr	N.D.			,
			Br	N.D.			_ ′
39	A-39		Cr ⁶⁺		/	/	
	/03		PBBs		_ ′	, ,	
		0.00	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





No	Sample	Figure	X-ray So	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
		THE THEORY IS NOT THE RESERVE OF THE PARTY O	Hg	N.D.			
			Cr	N.D.			,
		ASSET	Br	N.D.			/
40	A-40	Manager Street, Street	Cr ⁶⁺		/	/	
40	A-40	ESMT. ESMT.	PBBs		,	,	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br	N.D.			,
41	A-41		Cr ⁶⁺		,	/	
41	A-41		PBBs		/	/	
			PBDEs				
		₩	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			/
42	A-42		Cr ⁶⁺		/	/	
74	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		PBBs		'	'	
		***	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP Pb	N.D.			N.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
		•	Br	N.D.			/
			Cr ⁶⁺		,	,	
43	A-43	~~~	PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.



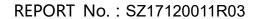


Na	Sample	Finance.	X-ray So	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			l
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
		St. 80	Br	N.D.			/
44	A-44		Cr ⁶⁺		,	, ,	
44	A-44		PBBs		/	/	
		*	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br	N.D.			•
45	A-45	Will the second	Cr ⁶⁺		/	/	
		The second second	PBBs		•		
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br	N.D.			,
46	A-46		Cr ⁶⁺		,	/	
40	A-40		PBBs		/	· /	
		Anna Control of the C	PBDEs				
			DBP				N.D.
		A STATE OF THE PARTY OF THE PAR	BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			11.0.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			/
		80	Cr ⁶⁺				
47	A-47		PBBs		/	/	
		8,00	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





No.	Sample No.	Figure					
			Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br	N.D.			/
48	A-48	4 . *	Cr ⁶⁺		/	/	
70	A-40		PBBs		,	,	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D. N.D.			
			Cr Br	N.D.			1
			Cr ⁶⁺	N.D.			
49	A-49		PBBs		1	/	
		The state of the s	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			1
		S	Cr ⁶⁺	N.D.			
50	A-50				1	/	
			PBBs				
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br Cr6+	N.D.			
51	A-51		Cr ⁶⁺		/	/	
			PBBs PBDEs				
		×	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





No	Sample	Figure	X-ray So	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
		∞ ₩	Br	N.D.			,
52	A-52		Cr ⁶⁺		,	/	
02	7.02		PBBs		,	,	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP Pb	N.D.			N.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			/
		50 A	Cr ⁶⁺				
53	A-53		PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
		% .	Br	N.D.			/
		···	Cr ⁶⁺		,		
54	A-54		PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			. 1
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			/
55	A-55		Cr ⁶⁺		,	/	
35	A-99		PBBs		'	'	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





No.	Sample	Figure	X-ray So	creening	(chemical test	t
INO.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
		-	Br	N.D.			
56	A-56		Cr ⁶⁺		/	/	
	7.00		PBBs		,	,	
		Albert	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP DIBP				N.D. N.D.
			Pb	N.D.			N.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			/
			Cr ⁶⁺		,	,	
57	A-57		PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br	N.D.			1
	A 50	Andrew Steel	Cr ⁶⁺		,	,	
58	A-58		PBBs		/	/	
			PBDEs				
			DBP				N.D.
		Steampassassassassas in religion of the	BBP				N.D.
			DEHP	ł			N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
		**	Br	N.D.			/
59	A-59	State of the state	Cr ⁶⁺		/	/	
	A-03		PBBs		'	'	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.



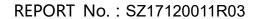


1 1/10	Sample	 .	X-ray So	creening	c	chemical test	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			1
60	A-60		Cr ⁶⁺		,	,	
60	A-00		PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
			Br	N.D.			
61	A-61	SAL MINE	Cr ⁶⁺		1	/	
			PBBs PBDEs				
		A minimo	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
		Cd	N.D.	_			
		Hg	N.D.				
			Cr	N.D.	1		
			Br	N.D.			1
			Cr ⁶⁺	N.D.			
62	A-62				1	/	
		The second second	PBBs				
		300	PBDEs				N. D.
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
			Br Cr ⁶⁺	N.D.			
63	A-63		PBBs		1	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.



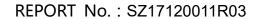


N-	Sample	Fig. 12-	X-ray S	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			,
		Comment of the commen	Cr	N.D.			/
			Br	790.30			
64	A-64		Cr ⁶⁺		/	/	
	7.01		PBBs		,	, ,	N.D.
			PBDEs				N.D.
		Mark State (Mark State)	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP Pb	N.D.			N.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺		,	,	,
65	A-65		PBBs		/	/	/
			PBDEs				
			DBP				
			BBP				
			DEHP				
			DIBP				
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.	/		
			Cr	9.36×10 ⁴			
			Br	1			
66	A-66		Cr ⁶⁺		Negative	/	/
00	A-00		PBBs			,	,
			PBDEs				
		0.000 0	DBP				
			BBP				
			DEHP				
			DIBP				
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
		Tell .	Cr	N.D.			/
		the state of the s	Br	N.D.			,
67	A-67		Cr ⁶⁺	_	/	/	
			PBBs	-			
			PBDEs DBP	-			N.D.
			BBP	-			N.D.
			DEHP	-			N.D.
			DIBP	-			N.D.
	<u> </u>	l .	2.01	<u> </u>	<u> </u>	1	. 1.5.





No.	Sample	Figure	X-ray S	creening	(chemical tes	t
INO.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			,
68	A-68	* 1	Cr ⁶⁺		,	/	
00	A-00		PBBs		/	,	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
		tunt. T	Br Cr ⁶⁺	N.D.			
69	A-69		PBBs		1	1	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			1
		and the same of th	Cr ⁶⁺	11.5.			
70	A-70		PBBs		1	/	
		* T					
		8	PBDEs				N.D.
			DBP				
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr Br	N.D. N.D.			1
		In.	Cr ⁶⁺	IN.D.			
71	A-71		PBBs		1	1	
		ANO	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			וטוטר				IN.D.





	Sample	<u>-</u>	X-ray S	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
		, 5	Br	N.D.			/
70	4.70	× 1	Cr ⁶⁺		,	,	
72	A-72	The state of the s	PBBs		/	/	
		K. Saletti,	PBDEs				
			DBP				N.D.
		•	BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
		- Sec. 11	Cr	N.D.			/
		· **	Br Cr ⁶⁺	N.D.			
73	A-73	8.	PBBs		1	/	
		△ 金.	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
		3 3	Br	N.D.			/
			Cr ⁶⁺				
74	A-74	Section 1	PBBs		/	/	
		2 34-2	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			'
75	A-75	F. 35	Cr ⁶⁺		,	/	
		E. Car	PBBs		,		
			PBDEs				ND
			DBP				N.D.
			BBP				N.D.
			DEHP DIBP				N.D. N.D.
		1	ן טוסף				וא.ט.





	Sample		X-ray S	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
		40,	Br	N.D.			/
76	A-76		Cr ⁶⁺		,	/	
/6	A-70		PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg Cr	N.D.			
			Br	N.D.			/
			Cr ⁶⁺	IV.D.			
77	A-77		PBBs		/	/	
		***	PBDEs				
		* **	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			IV.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			/
			Cr ⁶⁺				
78	A-78		PBBs		/	/	
		H	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			/
79	A-79	THE SE	Cr ⁶⁺		/	/	
		n-alle a	PBBs		,		
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			חבחף				IN.D.





	Sample	<u>-</u> .	X-ray So	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			/
80	A-80	- J. S	Cr ⁶⁺] ,	/	
80	A-80		PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
			Br	N.D.			,
81	A-81		Cr ⁶⁺		/	/	
			PBBs				
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP DIBP				N.D.
			Pb	N.D.			IN.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
		8.	Br	N.D.			/
			Cr ⁶⁺	11.5.			
82	A-82		PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			_ ′
83	A-83	The Market of the Control of the Con	Cr ⁶⁺] ,	/	
00		المراس الأراس	PBBs		'	'	
		- 1	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





No.	Sample	Figure	X-ray So	creening	(chemical tes	t
NO.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.	-		
		a	Cr	N.D.			
			Br	N.D.			/
		A 42.5	Cr ⁶⁺				
84	A-84		PBBs		/	/	
			PBDEs				
		*	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP	ND			N.D.
			Pb Cd	N.D. N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			/
0.5		-44%. ·	Cr ⁶⁺		,	,	
85	A-85		PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd Hg	N.D. N.D.			
			Cr	N.D.			
		**************************************	Br	N.D.			1
		3 to a See	Cr ⁶⁺	14.5.			
86	A-86	T. Add Jan	PBBs		/	/	
		1 1 3 4 5	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D. N.D.			
			Hg Cr	N.D.			
		way of a	Br	N.D.			/
		The state of the s	Cr ⁶⁺	14.0.			
87	A-87	77 qu. 1.	PBBs		/	1	
		4)	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





No	Sample	Figure	X-ray So	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
		44	Br	N.D.			/
			Cr ⁶⁺				
88	A-88		PBBs		/	/	
			PBDEs				
		•	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP	ND			N.D.
			Pb Cd	N.D. N.D.			
			Hg	N.D.			
			ng Cr	N.D.			
		also and a second	Br	N.D.			1
		m## ***	Cr ⁶⁺				
89	A-89		PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D. N.D.			
			Hg Cr	N.D.			
		1 - 1 2/2	Br	N.D.			1
		S. Lan	Cr ⁶⁺	11.5.			
90	A-90	7	PBBs		/	/	
		American State of the State of	PBDEs				
		Sign .	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D. N.D.			
			Hg Cr	N.D.			
			Br	N.D.			/
			Cr ⁶⁺	1 1. □.			
91	A-91	***	PBBs		/	/	
		- W 5	PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





No.	Sample	Figure	X-ray So	creening	C	chemical tes	t
NO.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.	-		
			Cr	N.D.			
		≈ 0	Br	N.D.			1
			Cr ⁶⁺				
92	A-92		PBBs		/	/	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP DIBP				N.D. N.D.
			Pb	N.D.			IN.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.			1
93	A-93	M-W	Cr ⁶⁺		,	/	
93	A-93	1 -	PBBs		/	, ,	
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP Pb	N.D.			N.D.
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			1
			Cr ⁶⁺	IN.D.			
94	A-94				/	/	
			PBBs PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
		美华等人的	Cr	N.D.			1
			Br	N.D.			,
95	A-95		Cr ⁶⁺		/	/	
		1 7 2 4	PBBs				
			PBDEs DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.





No	Sample	Figure	X-ray S	creening	(chemical tes	t
No.	No.	Figure	Element	Data	UV-Vis	ICP-OES	GC-MS
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
		A.5-4	Br	N.D.			,
96	A-96		Cr ⁶⁺		1	1	
	7.00		PBBs		,	,	
			PBDEs	_			
			DBP	1			N.D.
			BBP DEHP	-			N.D. N.D.
			DIBP	1			N.D.
			Pb	N.D.			N.D.
			Cd	N.D.			
			Hg	N.D.			
		Ol- O	Cr	N.D.			/
			Br	2.01×10 ³			
0.7	4.07		Cr ⁶⁺	2.01	,	,	
97	A-97		PBBs		1	/	N.D.
			PBDEs				N.D.
		C OF THE	DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			1
			Br	N.D.			,
98	A-98	W	Cr ⁶⁺		1	/	
	71-50		PBBs		,	,	
		· · · · · · · · · · · · · · · · · · ·	PBDEs]			
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
			Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			/
			Br	N.D.			
99	A-99	胜 胜	Cr ⁶⁺	1	1	/	
		W NEW	PBBs	-			
		19	PBDEs	1			ND
			DBP BBP	1			N.D. N.D.
			DEHP	1			N.D.
			DIBP	1			N.D.
			וטוטר				IN.D.





No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
100	A-100		Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			,
			Br	N.D.	-		,
			Cr ⁶⁺		,	1	
		A STATE OF THE STA	PBBs		,		
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP DIBP				N.D.
			Pp	N.D.			N.D.
	A-101		Cd	N.D.			1
			Hg	N.D.			
			Cr	N.D.		/	
			Br	N.D.			
			Cr ⁶⁺				
101			PBBs				
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			DIBP				N.D.
	A-102		Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
102			Cr	N.D.			,
		* •	Br	N.D.			/
			Cr ⁶⁺		1	/	
			PBBs				
			PBDEs				
			DBP				N.D.
			BBP				N.D.
			DEHP				N.D.
			-				
			DIBP				N.D.

Remark:

- (1) mg/kg=ppm
- (2) N.D. = Not Detected (< MDL);
- (3)"/"= Not Conducted
- (4)MDL = Method Detection Limit
- (5) \triangleq a. The sample is negative for Cr^{6+} the Cr^{6+} concentration is below the limit 0.10ug/cm². The coating is considered a non-Cr⁶⁺ based coating.
 - b. The sample positive for Cr⁶⁺ if the Cr⁶⁺ concentration is greater than 0.13ug/cm². The sample coating is considered to contain Cr6+.



c. The result between 0.10ug/cm² and 0.13ug/cm² is considered to be inconclusive unavoidable coating variations may influence the determination.

Annex A General Information

1.1 Identification of the Responsible Testing Laboratory

Company Name:	Shenzhen Morlab Communications Technology Co., Ltd.			
Department:	Morlab Laboratory			
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang			
	Road, Block 67, BaoAn District, ShenZhen, GuangDong			
	Province, P. R. China			
Responsible Test Lab Manager:	Mr. Su Feng			
Telephone:	+86 755 36698555			
Facsimile:	+86 755 36698525			

1.2 Test Equipments Utilized

No.	Equipment Name	Serial No.	Туре	Manufacturer	Cal.Date	Cal.Due Date
1	X-Ray Fluorescence	0102	EDX-1800B	Skyray	2017.05.23	2018.05.23
	Spectroscopy(XRF)					
2	gas chromatograph-mass	CN10617090	6890-59751	Agilent	2017.05.23	2018.05.23
	spectrometer (GC-MS)	CN 100 17 090				
3	ultraviolet-uisible	0153	UV-1100	Labtech	2017.05.23	2018.05.23
	spectrophotometer(UV-Vis)					
4	IPC-OES	842320072001	iCAP7200	Thermo	2017.05.23	2018.05.23

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