

XRF Screening and Chemical Confirmation Test Report

Ningbo Symay Electrical Appliances Enterprise Co., Ltd.

Applicant: 3rd floor, Building 1th, No.18 yantanghe Road, Da qi,
BeiLun District, Ningbo City, ZheJiang Province, PRC 315800

Sample Description:

The following submitted sample(s) said to be:

Item Name : **Coffee maker**
 Model No. : CM-123A
 CM-101 Series, CM-102 Series, CM-105Series, CM-106 Series,
 CM-107 Series, CM-108 Series, CM-109 Series, CM-110 Series,
 CM-111 Series, CM-112 Series, CM-113 Series, CM-115 Series,
 CM-116 Series, CM-117 Series, CM-118 Series, CM-119 Series,
 Reference No. : CM-121 Series, CM-122 Series, CM-123 Series, CM-125 Series,
 CM-126 Series, CM-127 Series, CM-128 Series, CM-129 Series,
 CM-202 Series, CM-203 Series, CM-301 Series, CM-302 Series,
 CM-501 Series, BV-1500TS Series, CM-209 Series,
 CM-503 Series, CM-112B Series, BV-1500TD Series
 Date of Sample Received : Mar 11, 2019 & Mar 25, 2019
 Testing Period : Mar 11, 2019 to Mar 28, 2019

Tests conducted:

As requested by the applicant, refer to following page(s) for details.

Conclusion:

Tested Sample	Standard	Result
Tested components of submitted sample	Screening by XRF spectroscopy and chemical confirmation test for RoHS Directive 2011/65/EU and (EU) 2015/863	Pass

Authorized by:

For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch:

Michael Pang



Michael Pang
Assistant Technical Supervisor



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Certain Hazardous Substance in Electrical and Electronic Equipment

Cadmium (Cd), Lead (Pb), Mercury (Hg), Chromium (Cr) and Bromine (Br) content were measured with reference to IEC 62321-3-1 Edition 1.0: 2013 by XRF spectroscopy and chemical confirmation test for RoHS restricted substances. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs) and Phthalates content were determined by Gas Chromatographic-Mass Spectrometric (GC-MS).

(A) Results:

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
1	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
2	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
3	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
4	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				
5	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	NT	NA	NA	
	DEHP	NA			NA
	BBP				
	DBP				
DIBP					
6	Cd	ND	NA	Cr ⁶⁺ : Negative	
	Pb	ND			
	Hg	ND			
	Cr	Inconclusive			
	Br	NT	NA	NA	
	DEHP	NA			NA
	BBP				
	DBP				
DIBP					



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
7	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				
8	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				
9a	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
9b	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
9c	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
9d	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
9e	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
10	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
11	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
12	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				
13	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				
14	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
15	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				
16	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				
17	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NA	
	DEHP	NA			NA
	BBP				
	DBP				
DIBP					



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
18	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
19	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
20	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
21	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
22	Cd	ND	NA	PBBs: ND PBDEs: ND
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	Inconclusive	NT	ND
	DEHP	NA		
	BBP			
	DBP			
DIBP				
23	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
24a	Cd	ND	NA	PBBs: ND PBDEs: ND	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	Inconclusive	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				
24b	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	NT	NA	NA	
	DEHP	NA			NA
	BBP				
	DBP				
DIBP					
25a	Cd	ND	NA	PBBs: ND PBDEs: ND	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	Inconclusive	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
25b	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
26a	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
26b	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
27	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				
28	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	NT	NA	NA	
	DEHP	NA			NA
	BBP				
	DBP				
DIBP					
29	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
30	Cd	ND	NA	PBBs: ND PBDEs: ND
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	Inconclusive	NA	NT
	DEHP	NA		
	BBP			
	DBP			
DIBP				
31	Cd	ND	NA	NT
	Pb	Detected		
	Hg	ND		
	Cr	ND		
	Br	ND	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
32	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	Detected		
	Br	ND	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
33	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
34	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
35	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
36	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
37	Cd	ND	NA	PBBs: ND PBDEs: ND
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	Inconclusive		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
38	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
39	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
40	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
41	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
42a	Cd	ND	NA	PBBs: ND PBDEs: ND
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	Inconclusive		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
42b	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
42c	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
42d	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
42e	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
42f	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
42g	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
42h	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
42i	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
42j	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
42k	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
42l	Cd	ND	NA	PBBs: ND PBDEs: ND
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	Inconclusive		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
43a	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
43b	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
44a	Cd	ND	NA	NT
	Pb	>1500mg/kg ^{#4}		
	Hg	ND		
	Cr	ND		
	Br	ND	NT	ND
	DEHP	NA		
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
44b	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
45a	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
45b	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
46a	Cd	ND	NA	NT	
	Pb	>1500mg/kg ^{#3}			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NA	
	DEHP	NA			
	BBP				
	DBP				
DIBP					
46b	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	NT	NA	NA	
	DEHP	NA			
	BBP				
	DBP				
DIBP					
47a	Cd	ND	NA	PBBs: ND PBDEs: ND	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	Inconclusive	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP			BL		



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
47b	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP	BL				
47c	Cd	ND	NA	PBBs: ND PBDEs: ND	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	Inconclusive	NA	NT	
	DEHP	NA			ND
	BBP				ND
	DBP				ND
DIBP	ND				
47d	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	NT	NA	NA	
	DEHP	NA			NA
	BBP				
	DBP				
DIBP					



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
48a	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND	NT	ND
	DEHP	NA		
	BBP			
	DBP			
DIBP				
48b	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
48c	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND	NT	ND
	DEHP	NA		
	BBP			
	DBP			
DIBP				



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
48d	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
48e	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
48f	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
48g	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
49	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
50	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
51	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	NT	NA	NA	
	DEHP	NA			
	BBP				
	DBP				
DIBP					
52	Cd	ND	NA	PBBs: ND PBDEs: ND	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	Inconclusive	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP			BL		
53	Cd	ND	NA	NT	
	Pb	>1500mg/kg ^{#4}			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP			BL		



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Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
54	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND	NA	NA	
	DEHP	NA			
	BBP				
	DBP				
DIBP					
55	Cd	ND	NA	NT	
	Pb	>1500mg/kg ^{#2}			
	Hg	ND			
	Cr	Detected			
	Br	ND	NA	NA	
	DEHP	NA			
	BBP				
	DBP				
DIBP					
56	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	NT	NA	NA	
	DEHP	NA			
	BBP				
	DBP				
DIBP					
57	Cd	ND	NA	PBBs: ND PBDEs: ND	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	Inconclusive	NA	NT	
	DEHP	NA			BL
	BBP				BL
	DBP				BL
DIBP			BL		



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
58	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
59	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
60	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
61	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
62	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
63	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
64	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
65	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
66	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
67	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
68	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
69	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
70	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
71	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
72	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
73	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
74	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
75	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
76	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
77	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
78	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
79	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
80	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
81	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
82	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
83	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
84	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
85	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
86	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
87	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
88	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
89	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
90	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
91	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
92	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
93a	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
93b	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
93c	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
93d	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
93e	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
93f	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
93g	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
93h	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
93i	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
94	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
95	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
96	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
97	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
98	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
99	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
100	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
101	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
102	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
103	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND	NT	ND
	DEHP	NA		
	BBP			
	DBP			
DIBP				
104	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	Detected		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
105	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND	NT	ND
	DEHP	NA		
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
106	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
107	Cd	ND	NA	Pb: 26218mg/kg ^{#1}
	Pb	>1300mg/kg		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
108	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
109	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
110	Cd	ND	NA	PBBs: ND PBDEs: ND
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	Inconclusive		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
111	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
112	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
113	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
114	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
115	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
116	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
117	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
118	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
119	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
120	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
121	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
122	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
123	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
124	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
125	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
126	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
127	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
128	Cd	ND	NA	Cr ⁶⁺ : ND
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
129	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
130	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
131	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP			
	DBP			
DIBP				
132	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP			
	DBP			
DIBP				
133	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
134	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
135	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
136	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
137	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
138	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
139	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
140	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
141	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
142	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
143	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
144	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
145	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
146	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
147	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
148	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
149	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
150	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
151	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
152	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
153	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND	NA	NT
	DEHP	NA		
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
154	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
155	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
156	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
157	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
158	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
159	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
160	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
161	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
162	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
163	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
164	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
165	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result	
166	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND			
	DEHP	NA	BL	NT	
	BBP		BL		
	DBP		BL		
DIBP	BL				
167	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND			
	DEHP	NA	NT	ND	
	BBP			ND	
	DBP			ND	
DIBP	ND				
168	Cd	ND	NA	Cr ⁶⁺ : Negative	
	Pb	ND			
	Hg	ND			
	Cr	Inconclusive			
	Br	NT			
	DEHP	NA	NA	NA	
	BBP				
	DBP				
DIBP					
169	Cd	ND	NA	NT	
	Pb	ND			
	Hg	ND			
	Cr	ND			
	Br	ND			
	DEHP	NA	BL	NT	
	BBP				BL
	DBP				BL
DIBP	BL				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
170	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
171	Cd	ND	NA	Cr ⁶⁺ : Negative
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				
172	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND	NT	ND
	DEHP	NA		
	BBP			
	DBP			
DIBP				
173	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT	NA	NA
	DEHP	NA		
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
174	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
175	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
176	Cd	ND	NA	Cr ⁶⁺ : ND
	Pb	ND		
	Hg	ND		
	Cr	Inconclusive		
	Br	ND		
	DEHP	NA	NT	ND
	BBP			ND
	DBP			ND
DIBP	ND			
177	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
178	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
179	Cd	ND	NA	Pb: 24308mg/kg ^{#1}
	Pb	>1300mg/kg		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
180	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	NT		
	DEHP	NA	NA	NA
	BBP			
	DBP			
DIBP				
181	Cd	ND	NA	PBBs: ND PBDEs: ND
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	Inconclusive		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Screened Components	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result
182	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
183	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
184	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			
185	Cd	ND	NA	NT
	Pb	ND		
	Hg	ND		
	Cr	ND		
	Br	ND		
	DEHP	NA	BL	NT
	BBP		BL	
	DBP		BL	
DIBP	BL			



XRF Screening and Chemical Confirmation Test Report

Detected = Below the lower screening limit of table (B1) and pass

ND = Not detected

NT = Not tested

Negative = The Cr (VI) concentration is less than 0.10 $\mu\text{g}/\text{cm}^2$. The sample is negative for Cr (VI).

Remark:

- (# 1) = As claimed by the declaration submitted from the supplier of applicant, the Lead content of the component comes from Copper alloy only. According to EU RoHS Directive (2011/65/EU), Lead in Copper alloy containing up to 4% (40,000 mg/kg) Lead by weight can be exempted.
- (# 2) = As claimed by the declaration submitted from the supplier of applicant, the Lead content of the component comes from the constituent of ceramic of the electrical and electronic component (other than dielectric ceramic in capacitors) only. According to EU RoHS Directive (2011/65/EU), Lead in ceramic of the component can be exempted.
- (# 3) = As claimed by the declaration submitted from the supplier of applicant, the Lead content of the component comes from the constituent of glass used in electrical and electronic component only. According to EU RoHS Directive (2011/65/EU), Lead in glass of the component can be exempted.
- (# 4) = As claimed by the declaration submitted from the supplier of applicant, the Lead content of the component comes from the constituent of high melting temperature type solders (i.e. Lead-based alloys containing 85% by weight or more Lead) only. According to EU RoHS Directive (2011/65/EU), Lead in high melting temperature type solders of the component can be exempted.



XRF Screening and Chemical Confirmation Test Report

(B) Screening Limits

(B1). XRF Screening Limits in mg/kg for Regulated Elements in Various Matrices

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	$P \leq 70 < X < 130 \leq F$	$P \leq 70 < X < 130 \leq F$	$P \leq 70 < X < 150 \leq F$
Pb	$P \leq 700 < X < 1300 \leq F$	$P \leq 700 < X < 1300 \leq F$	$P \leq 500 < X < 1500 \leq F$
Hg	$P \leq 700 < X < 1300 \leq F$	$P \leq 700 < X < 1300 \leq F$	$P \leq 500 < X < 1500 \leq F$
Cr	$P \leq 700 < X$	$P \leq 700 < X$	$P \leq 500 < X$
Br	$P \leq 300 < X$	Not applicable	$P \leq 250 < X$

P = Pass

X = Inconclusive result

F = Fail

mg/kg = milligram per kilogram = ppm

(B2). Preliminary screening test will be used for phthalates, if the results exceed the warning area in the following table, further chemical methods will be conducted to confirm the exact content by GC/MS.

Phthalates	Polymer
Bis(2-ethylhexyl) phthalate (DEHP)	$BL \leq 600 < X$
Butyl benzyl phthalate (BBP)	$BL \leq 600 < X$
Dibutyl phthalate (DBP)	$BL \leq 600 < X$
Diisobutyl phthalate (DIBP)	$BL \leq 600 < X$

(C) Estimated Detection Limits in mg/kg for Regulated Elements in Various Matrices

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	50	70	70
Pb	100	200	200
Hg	100	200	200
Cr	100	200	200
Br	200	Not applicable	200

Disclaimers:

This XRF Screening and Chemical Confirmation Test Report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF Screening and Chemical Confirmation Test Report is sufficient for its/his/her purposes.

The results shown in this XRF Screening and Chemical Confirmation Test Report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis is required to obtain quantitative data.



XRF Screening and Chemical Confirmation Test Report

(D) Chemical Test Methods:

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd) Content	With reference to IEC 62321-5 Edition 1.0: 2013, by acid digestion and determined by ICP - OES	2 mg/kg
Lead (Pb) Content	With reference to IEC 62321-5 Edition 1.0: 2013, by acid digestion and determined by ICP - OES	2 mg/kg
Mercury (Hg) Content	With reference to IEC 62321-4 Edition 1.1: 2017, by acid digestion and determined by ICP - OES	2 mg/kg
Chromium (VI)(Cr ⁶⁺) Content	With reference to IEC 62321-7-2 Edition 1.0: 2017, Hexavalent chromium – Determination of hexavalent chromium (Cr (VI) in polymers and electronics by the colorimetric method	10 mg/kg
Chromium (VI) (Cr ⁶⁺) Content	With reference to IEC 62321-7-1 Edition 1.0: 2015, by boiling water extraction and determined by UV-VIS spectrophotometer	0.10 µg/cm ²
Polybrominated Biphenyls (PBBs) & Polybrominated Diphenyl Ethers (PBDEs) Content	With reference to IEC 62321-6 Edition 1.0: 2015, by solvent extraction and determined by GC/MS and further HPLC confirmation when necessary	5 mg/kg
Phthalates (DEHP, BBP, DBP, DIBP) Content	With reference to IEC 62321-8 Edition 1.0: 2017, by solvent extraction and determined by GC/MS	100mg/kg

(E) RoHS Requirement:

Restricted Substances	Limits
Cadmium (Cd)	0.01% (100 mg/kg)
Lead (Pb)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Chromium (VI) (Cr ⁶⁺)	0.1% (1000 mg/kg)
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)
Phthalates (DEHP, BBP, DBP, DIBP)	0.1% (1000 mg/kg)

The above limits were quoted from 2011/65/EU and (EU) 2015/863 for homogeneous material.



XRF Screening and Chemical Confirmation Test Report

Screened components:

- (1) Transparent glass with silvery vacuum plated coating
- (2) Silvery metal with black printing
- (3) Silvery plastic label with black printing
- (4) Semi-transparent plastic
- (5) Silvery metal (screw)
- (6) Silvery metal with black printing
- (7) Black plastic
- (8) Transparent plastic
- (9) Switch
- (9a) Black plastic (button)
- (9b) Silvery/copper color metal sheet
- (9c) Silvery metal (lid)
- (9d) Black plastic (holder)
- (9e) Silvery metal (pin)
- (10) Transparent plastic
- (11) White plastic
- (12) Silvery tape
- (13) Semi-transparent plastic
- (14) Black/white label
- (15) Transparent plastic with white printing
- (16) Transparent black plastic
- (17) Transparent glass
- (18) Transparent green glue
- (19) Silvery metal (pin)
- (20) Transparent plastic & white fiberboard with yellow coating & silvery metal (SMD LED)
- (21) Solder
- (22) White PCB
- (23) Silvery metal (pin)
- (24) LED
- (24a) Semi-transparent green plastic
- (24b) Silvery metal (pin)
- (25) LED
- (25a) Semi-transparent red plastic
- (25b) Silvery metal (pin)
- (26) Crystal
- (26a) Silvery metal & quartz & brown material (body)
- (26b) Silvery metal (pin)
- (27) White plastic



XRF Screening and Chemical Confirmation Test Report

- (28) Silvery metal (pin)
- (29) Black plastic with beige printing & silvery metal (SMD IC)
- (30) Black plastic with beige printing & silvery metal (SMD triode)
- (31) White ceramic with black material & white printing & silvery metal (SMD resistor)
- (32) White ceramic with black material & white printing & silvery metal (SMD resistor)
- (33) White ceramic with silvery metal (SMD capacitor)
- (34) Dull brown ceramic with silvery metal (SMD capacitor)
- (35) Brown ceramic with silvery metal (SMD capacitor)
- (36) Solder
- (37) Green PCB
- (38) Red/white plastic (wire covering)
- (39) Silvery metal wire
- (40) White plastic
- (41) Silvery metal
- (42) A-I
- (42a) Black plastic with white printing
- (42b) Golden metal
- (42c) Silvery/copper color metal (point)
- (42d) Silvery/copper color metal (point)
- (42e) Silvery metal
- (42f) Copper color metal
- (42g) Copper color metal
- (42h) Silvery metal
- (42i) Silvery metal
- (42j) Copper color metal wire
- (42k) Silvery metal (pin)
- (42l) Black plastic
- (43) Resistor
- (43a) Grey body with multicolor printing
- (43b) Silvery metal (pin)
- (44) Diode
- (44a) Black body
- (44b) Silvery metal (pin)
- (45) Resistor
- (45a) Brown body with multicolor printing
- (45b) Silvery metal (pin)
- (46) Diode
- (46a) Transparent glass body with multicolor coating
- (46b) Silvery metal (pin)
- (47) Capacitor



XRF Screening and Chemical Confirmation Test Report

- (47a) Yellow plastic with grey printing
- (47b) Light yellow plastic
- (47c) Transparent/silvery electrolytic paper
- (47d) Silvery metal (pin)
- (48) Capacitor
- (48a) Black plastic with white printing
- (48b) Silvery metal (case)
- (48c) Beige paper (electrolytic paper)
- (48d) Dull silver-grey metal sheet (electrolytic paper)
- (48e) Bright silver-grey metal sheet (electrolytic paper)
- (48f) Black soft plastic
- (48g) Silvery metal (pin)
- (49) Silvery metal (pin)
- (50) White plastic
- (51) Silvery metal (pin)
- (52) Black plastic with beige printing & silvery metal (SMD triode)
- (53) Black body with brown printing & silvery metal (SMD diode)
- (54) Brown ceramic with silvery metal (SMD capacitor)
- (55) White ceramic with black material & white printing & silvery metal (SMD resistor)
- (56) Solder
- (57) Green PCB
- (58) Silvery metal (screw)
- (59) Black plastic
- (60) Silvery metal (screw)
- (61) Silvery metal
- (62) Silvery metal
- (63) Silvery metal
- (64) Silvery metal (screw)
- (65) Silvery metal
- (66) Silvery metal
- (67) Silvery metal wire
- (68) White plastic (wire covering)
- (69) Yellow/green fiberglass
- (70) Black plastic
- (71) Semi-transparent plastic
- (72) Semi-transparent plastic
- (73) Silvery metal
- (74) White grease
- (75) Silvery metal
- (76) Black plastic



XRF Screening and Chemical Confirmation Test Report

- (77) White fiberglass
- (78) Silvery metal
- (79) Silvery metal
- (80) Silvery metal
- (81) Black plastic
- (82) Blue ceramic
- (83) Silvery/copper color metal (point)
- (84) Silvery/copper color metal (point)
- (85) Silvery/copper color metal (point)
- (86) Silvery/copper color metal (point)
- (87) Silvery metal (pin)
- (88) Golden metal
- (89) Black plastic
- (90) Copper color metal
- (91) White fiberglass
- (92) White plastic
- (93) Fuse
- (93a) Black material
- (93b) White ceramic
- (93c) Silvery-grey metal (spring)
- (93d) Silvery-grey metal (spring)
- (93e) Copper color metal
- (93f) Silvery metal
- (93g) White power
- (93h) Silvery metal
- (93i) Silvery metal (pin)
- (94) Golden metal
- (95) Brown fiberglass
- (96) White fiberglass
- (97) Silvery metal
- (98) Silvery metal
- (99) Brown plastic
- (100) Copper color metal
- (101) Silvery metal
- (102) Silvery metal (spring)
- (103) White power
- (104) Silvery metal with black printing
- (105) White thread
- (106) Black plastic
- (107) Silvery metal



XRF Screening and Chemical Confirmation Test Report

- (108) Black plastic
- (109) Silvery metal
- (110) White plastic
- (111) Black plastic
- (112) Blue plastic (wire covering)
- (113) Brown plastic (wire covering)
- (114) Green/blue plastic (wire covering)
- (115) Copper color metal wire
- (116) Origin plastic
- (117) Green plastic
- (118) Beige plastic
- (119) Dull blue plastic
- (120) Grey plastic
- (121) Yellow plastic
- (122) Red plastic
- (123) Blue-green plastic
- (124) Yellow-green plastic
- (125) White plastic
- (126) Red plastic
- (127) Transparent grey plastic
- (128) White plastic with silvery vacuum plated coating
- (129) Dull green plastic
- (130) White plastic label with black printing
- (131) Black plastic
- (132) Black plastic
- (133) Transparent black plastic
- (134) Grey plastic
- (135) Black plastic
- (136) Red plastic
- (137) Origin plastic
- (138) Pink plastic
- (139) Red plastic
- (140) Blue plastic
- (141) White plastic label with black/red printing
- (142) Red plastic
- (143) Black plastic
- (144) Black plastic
- (145) Silvery metal (spring)
- (146) Silvery metal (spring)
- (147) Silvery-grey metal (spring)



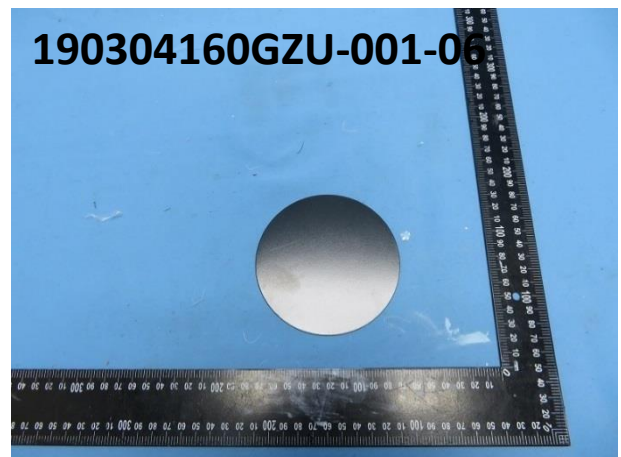
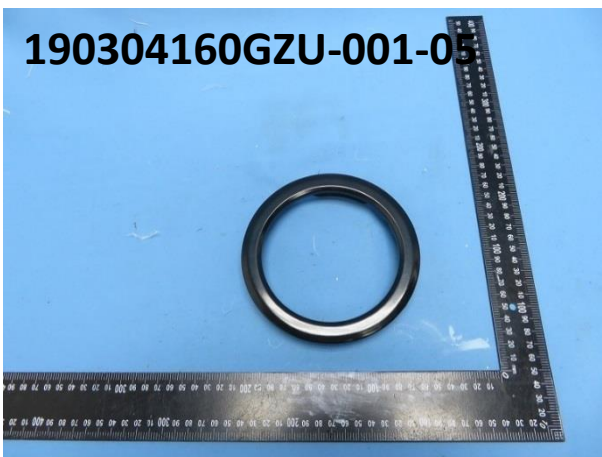
XRF Screening and Chemical Confirmation Test Report

- (148) Silvery metal
- (149) Silvery metal
- (150) Silvery metal (screw)
- (151) Silvery metal
- (152) Silvery metal (spring)
- (153) Semi-transparent plastic
- (154) Black plastic
- (155) Black plastic
- (156) Black plastic
- (157) Black plastic
- (158) Semi-transparent beige plastic
- (159) Black plastic
- (160) White plastic
- (161) Blue plastic
- (162) White plastic
- (163) Copper color metal wire
- (164) Silvery metal (pin)
- (165) Silvery metal
- (166) Semi-transparent plastic
- (167) Black foam
- (168) Silvery metal with copper color vacuum plated coating
- (169) Black plastic with white printing
- (170) Silvery metal
- (171) Silvery metal
- (172) Black coating on metal
- (173) Silvery metal excluding coating
- (174) Green/yellow plastic (wire covering)
- (175) Beige ceramic with multicolor glaze
- (176) Beige ceramic with black glaze
- (177) Transparent glass
- (178) Black plastic
- (179) Silvery metal
- (180) Silvery metal
- (181) White plastic
- (182) White plastic
- (183) White plastic
- (184) Brown plastic (wire covering)
- (185) Blue plastic (wire covering)

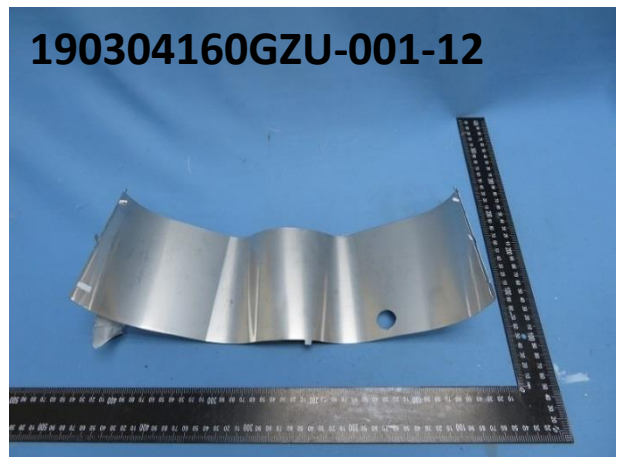
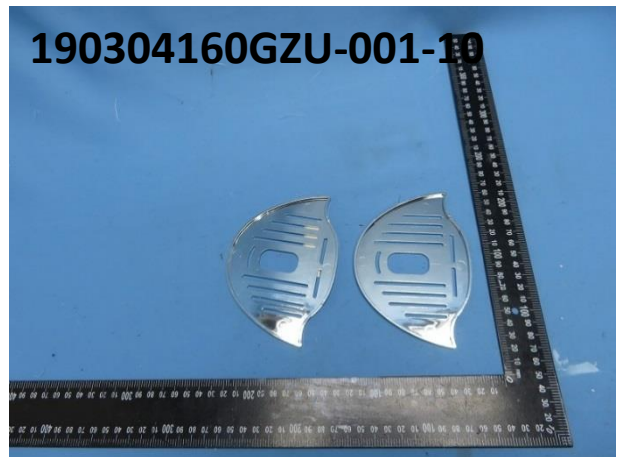
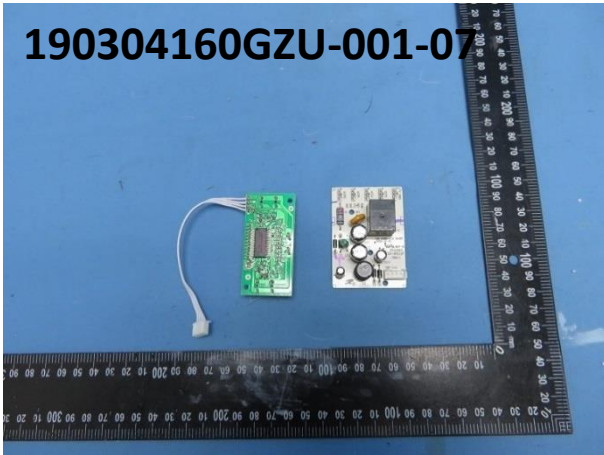


XRF Screening and Chemical Confirmation Test Report

Sample photo



XRF Screening and Chemical Confirmation Test Report



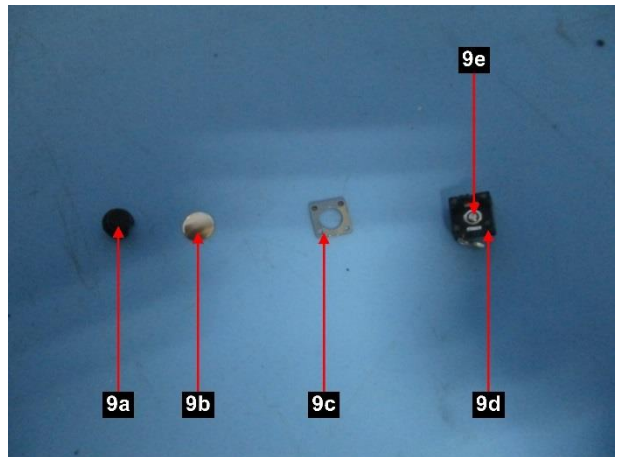
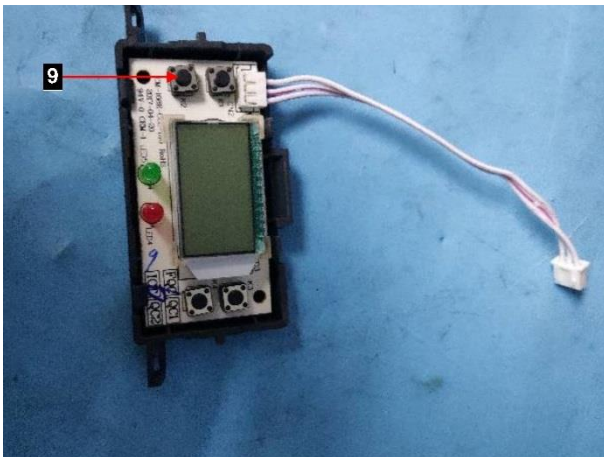
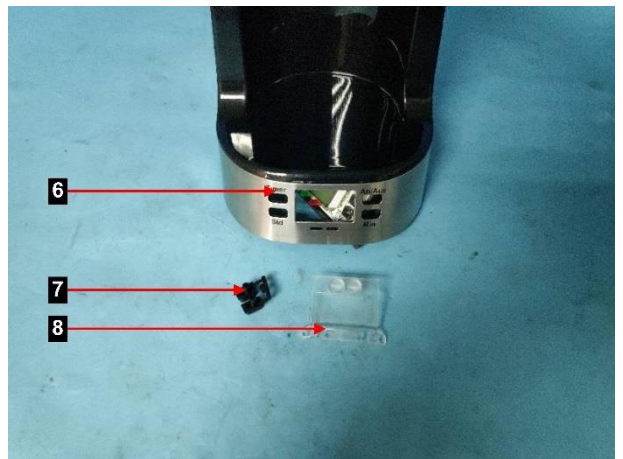
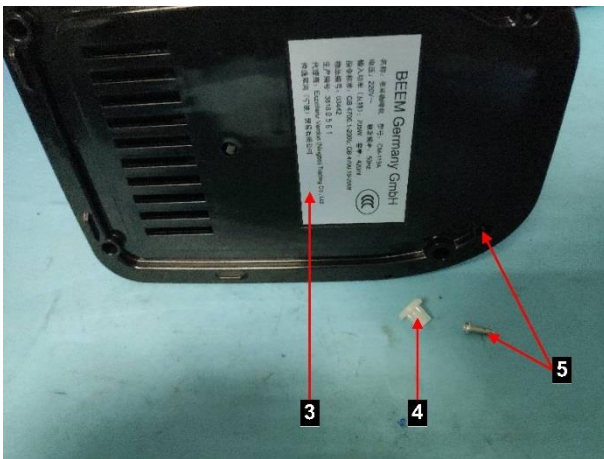
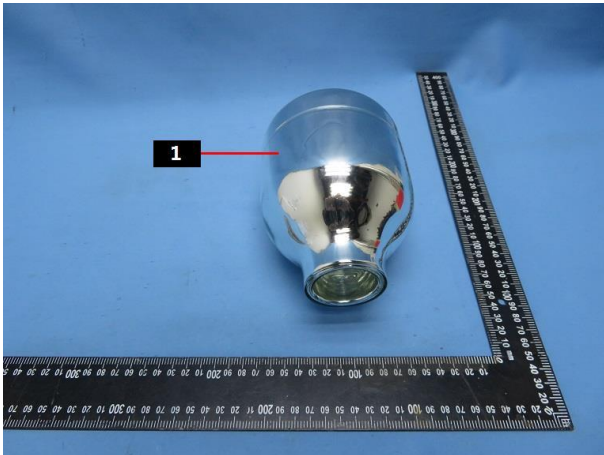
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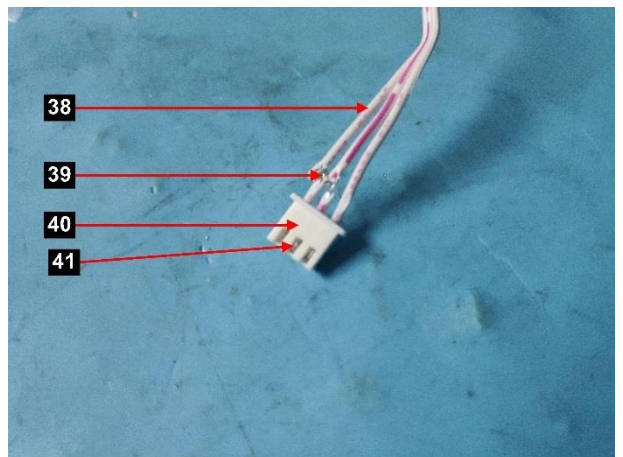
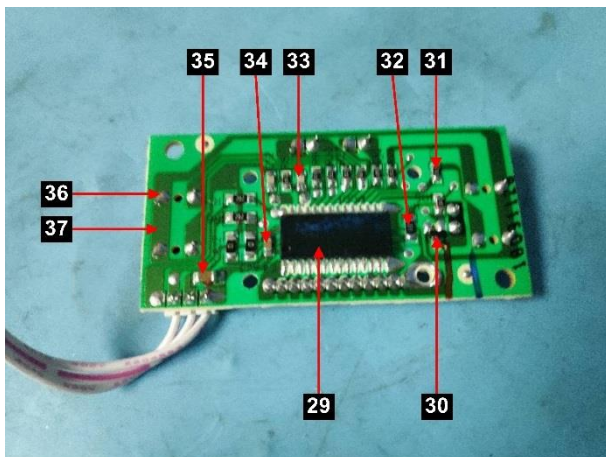
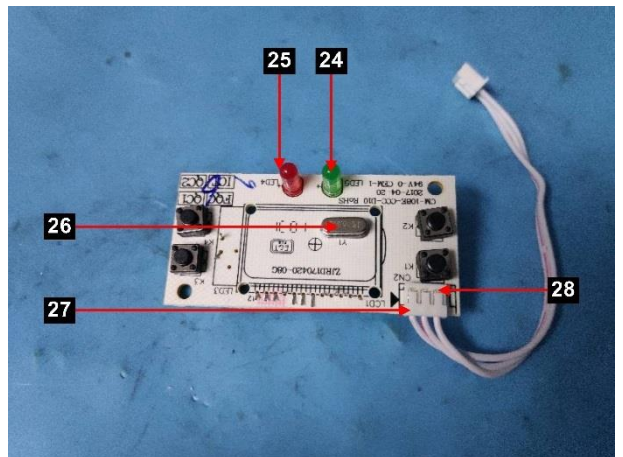
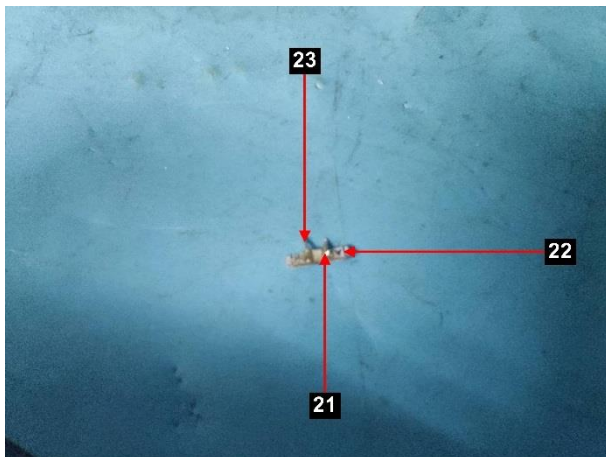
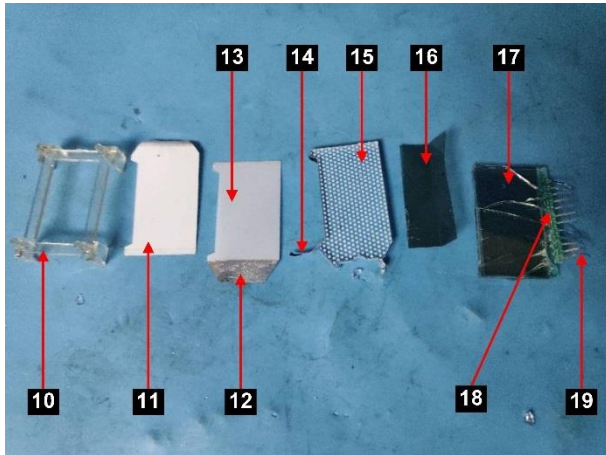
XRF Screening and Chemical Confirmation Test Report

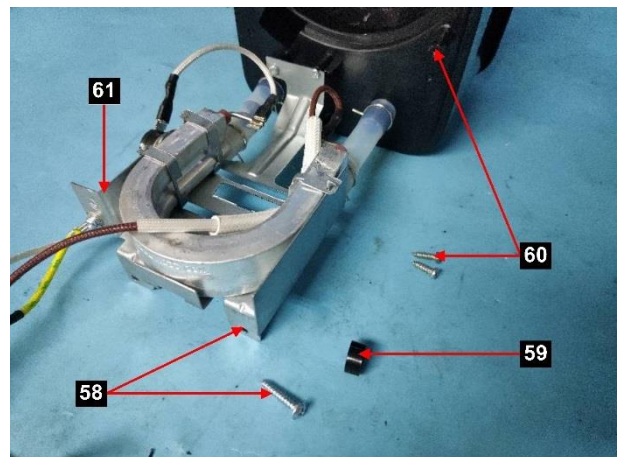
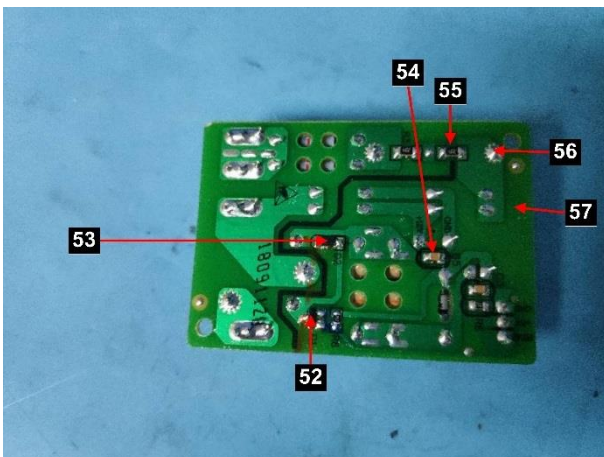
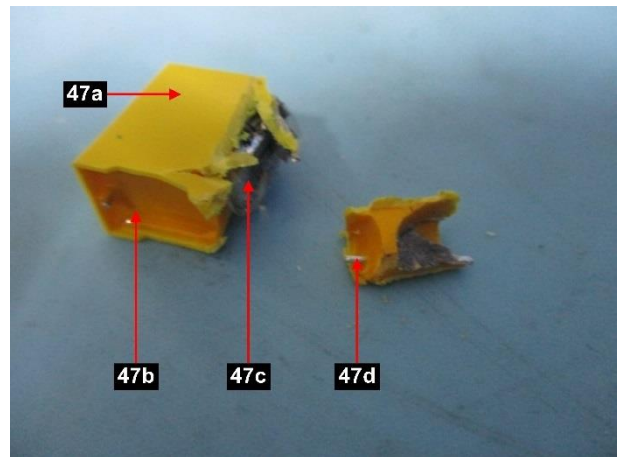
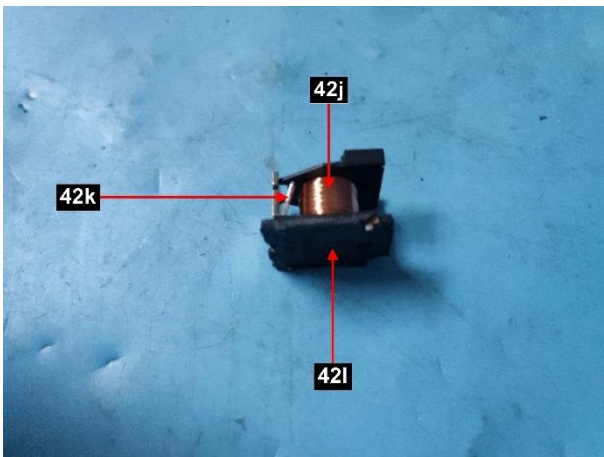
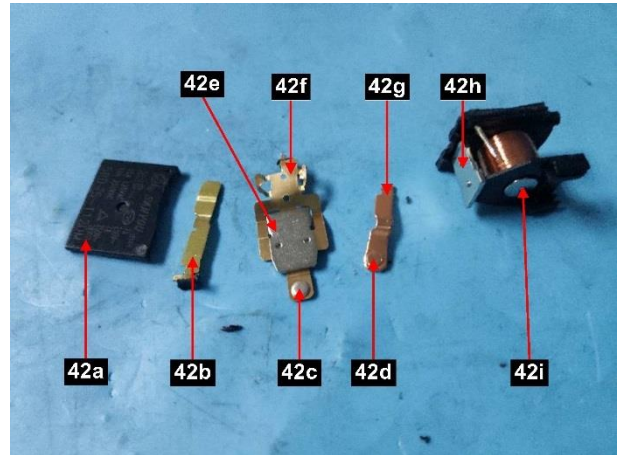
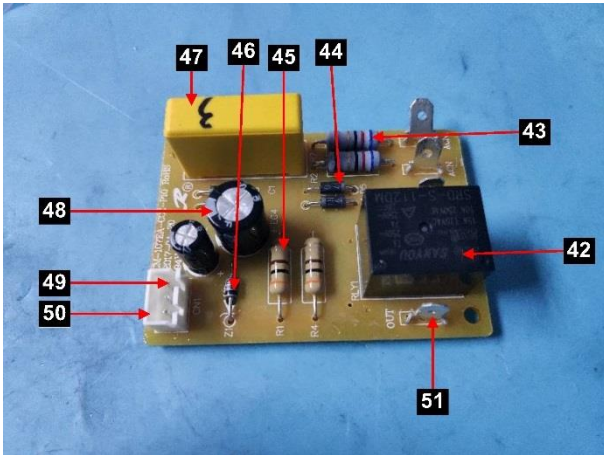


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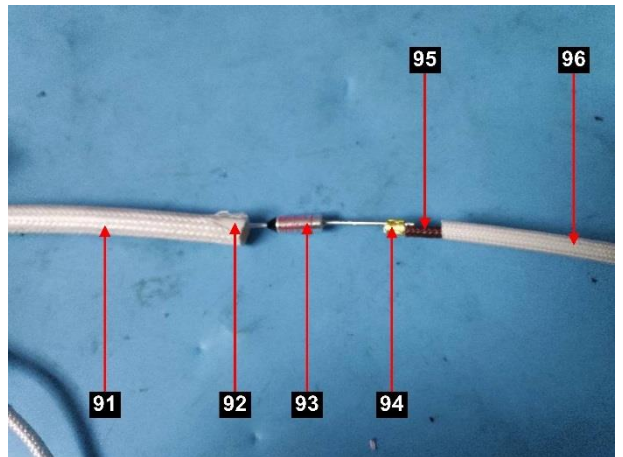
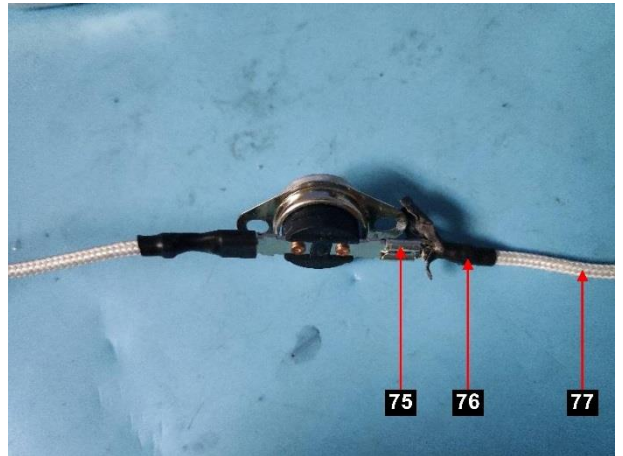
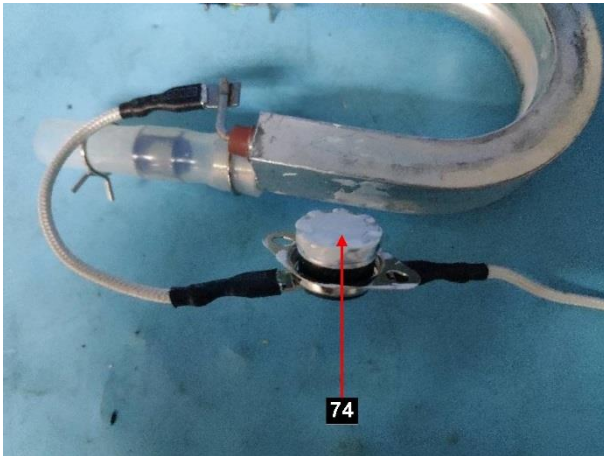
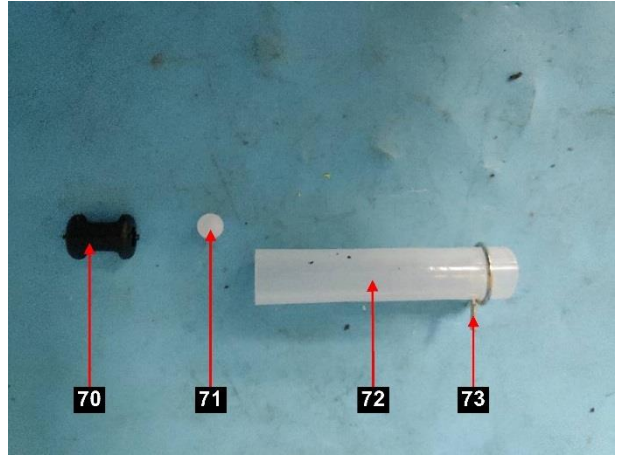


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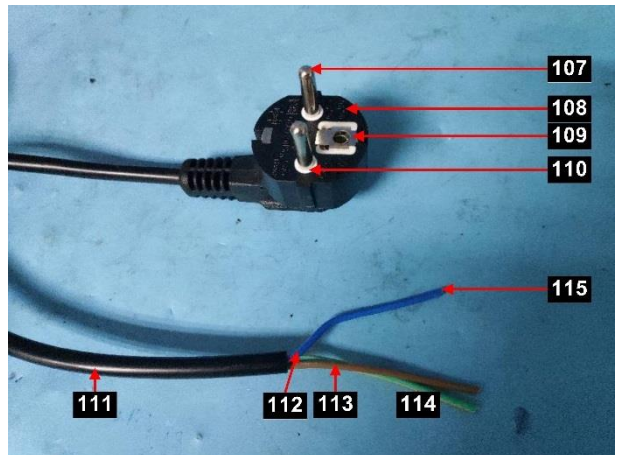
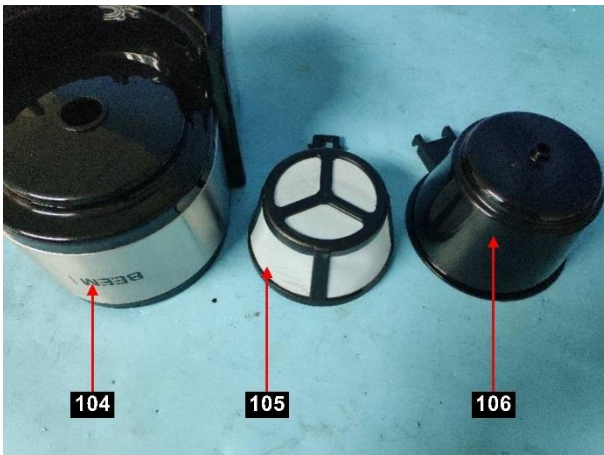
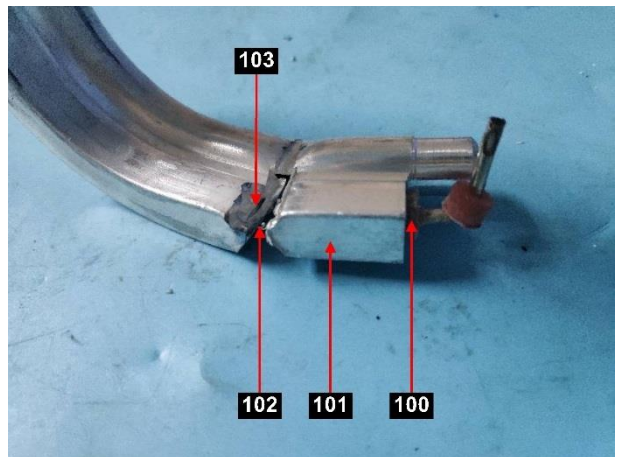
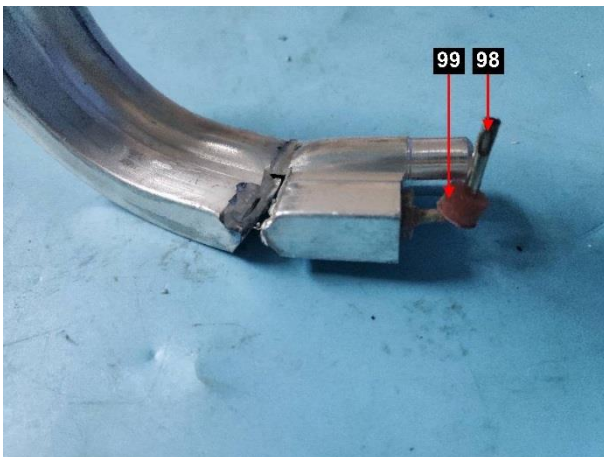
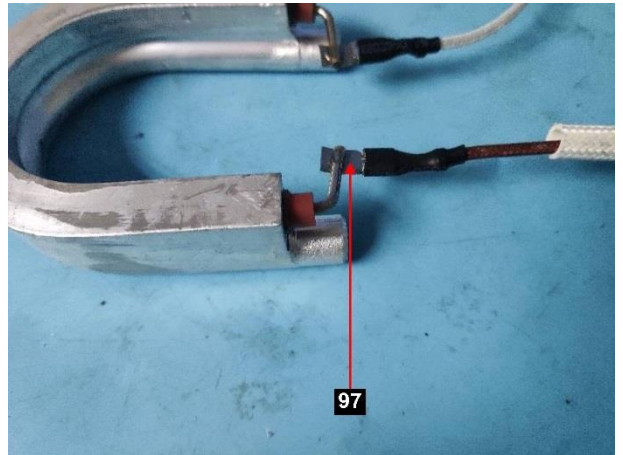
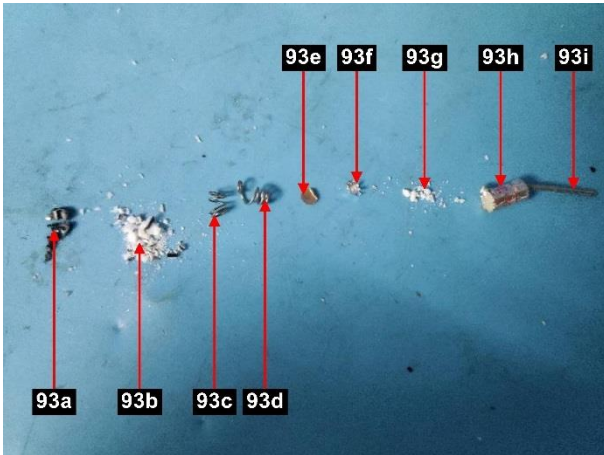
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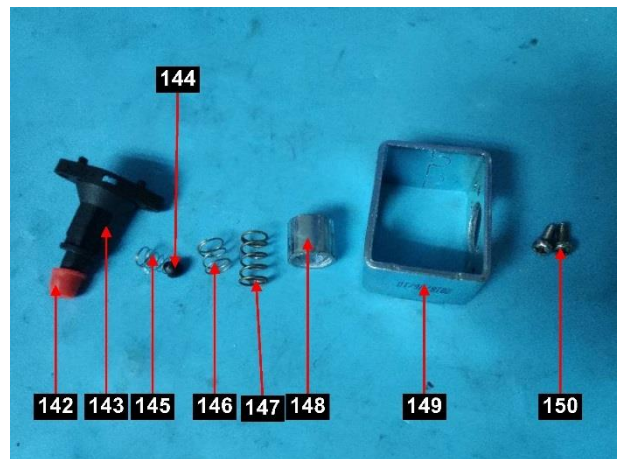
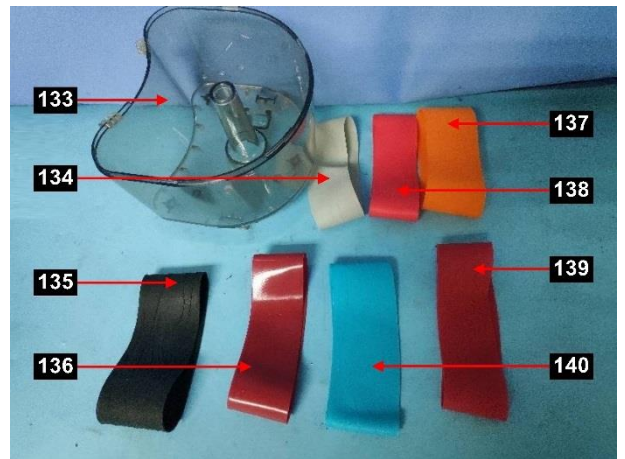
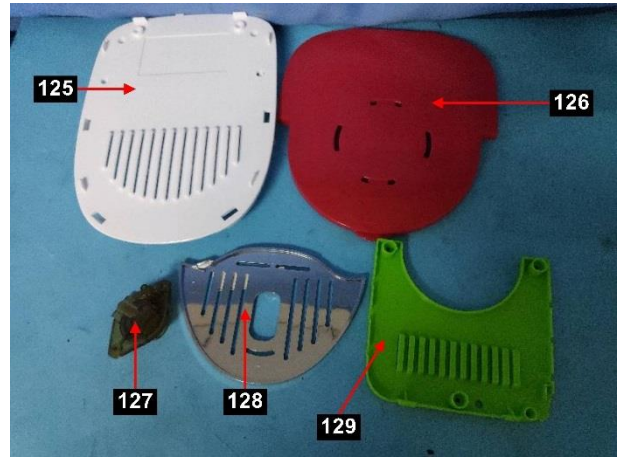
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No.: 190304160GZU-001

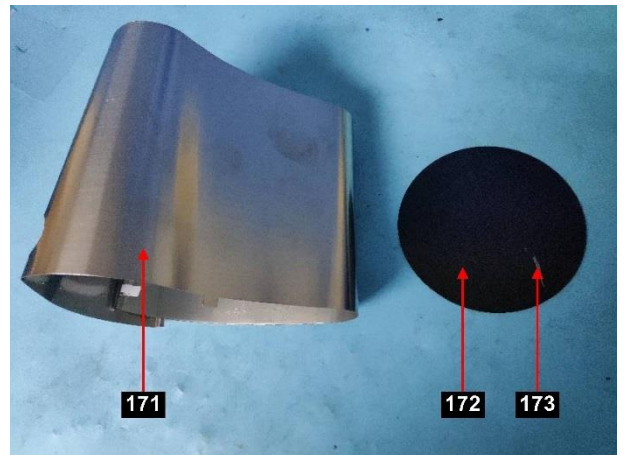
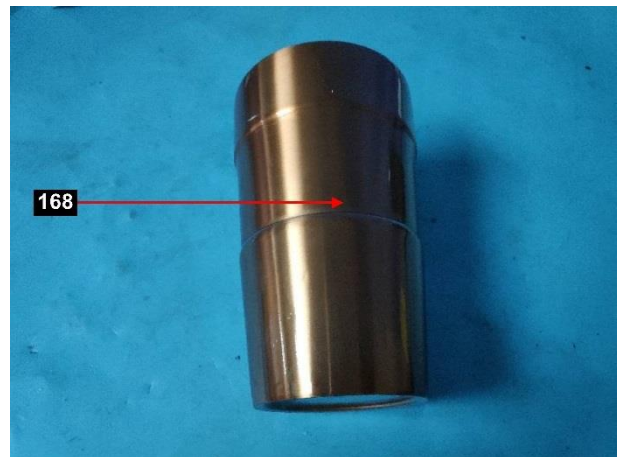
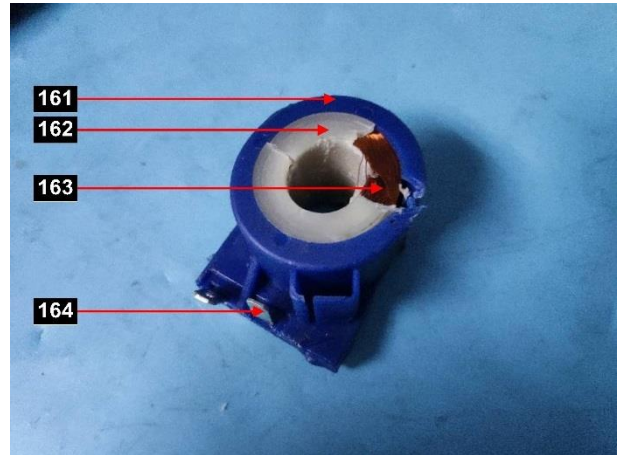
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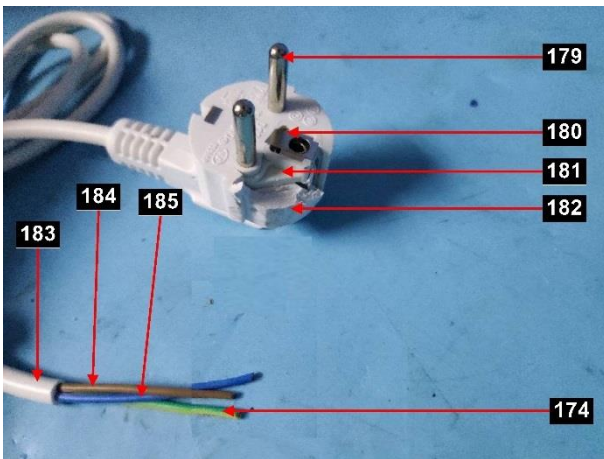
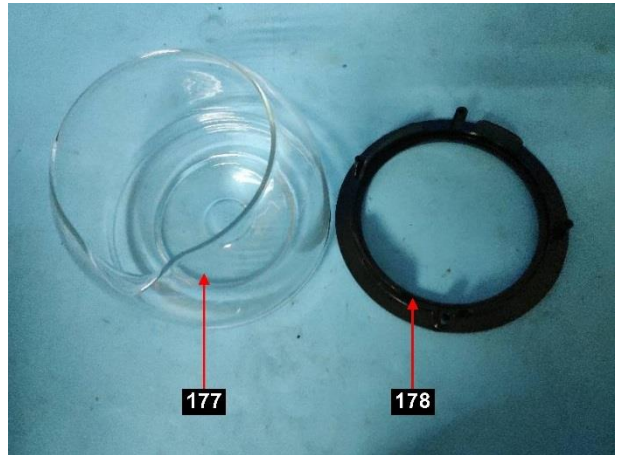
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Coffee machine PCB board controller kit		CM-119-GS-RoHS		Phase marker	
				1	1
The power supply board					
1		SMT components - coffee machine - electricity The source plate	CM-119-GS-RoHS	1	
2	RLY1	relay	BRD-SS-105LM-05VDC-250VAC/12A&-R+R	0	
3	RLY1	relay	SRD-S-105DM-5VDC-250VAC/10A&-RoHS	1	
6	CN2	Insert E	4P-2.54-XH&防 Z-RoHS	1	
1		AI component - coffee machine - power supply plate	CM-119-GS-RoHS	1	
2	R2	Patch electric W	4.7KΩ±5%&1206-RoHS	1	
3	AJ1	Patch electric W	0Ω&1206-RoHS	1	
4	R7 R10	Patch electric W	330KΩ±5%&1206-RoHS	2	
5	R3 R17	Patch electric W	1KΩ±5%&0805-RoHS	2	
6	R18	Patch electric W	1KΩ±5%&1206-RoHS	1	
7	RJ1	Patch electric W	2KΩ±1%&0805-RoHS	1	
8	RJ2	Patch electric W	4.3KΩ±1%&0805-RoHS	1	
9	C2 C3	The patch capacitance	104±10%-50V&0805-X7R-RoHS	2	
10	D5	Switch 2 Q)	1N4148&SMD-(SOD-123)-RoHS	1	
11	Q1	Patch 3 Q)	(8050M-D)-1.5A/25V&(SOT-23) RoHS	1	
12	IC1	The integrated circuit	SC1117DG&SO-8C-RoHS	1	
1	D1 D2 D3	8J = Q)	1N4007-1A/1000V&RoHS	3	
2	D4	%±Ω = Q)	BYV26C-1A/600V&(DO-41)-RoHS	1	
3	R1	K7 electric W	22Ω±5%-2WS&braid52mm-RoHS	1	
4		PCB-Coffee machine - power board (PZ、ZD、KB、X、W)(1P84)	CM-108E-P13 RoHS (ZJRD161115-01G)	1	
1	EC1 EC2	Electrolytic capacitor	4.7uF±20%-400V&Φ10*13mm-105&-/A5mm-braid-RoHS	2	
2	EC3	Electrolytic capacitor	100uF±20%-16V&Φ5*11mm-105&-/A2.5mm-braid-RoHS	1	
3	EC4	Electrolytic capacitor	330uF±20%-10V&Φ6.3*12mm-105&-/A2.5mm-V50W-braid-RoHS	1	
4	L2	Dbinductance	1mH±10%&Φ10*12mm-braid-RoHS	1	
5	ZR1	Press Y W	10D471K&/A5mm-braid-RoHS	1	
6	OUT1 ACN1 ACN2	insert	187-0.8 =/&braid-R+R	5	



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	ACL1 T_SEN					
7	L3	Ho inductance	3.3mH±10%-1W&RGbraid-RoHS	1		
Display board						
1		SMT components - coffee machine -9C plate	CM-119-GS-RoHS	1		
2	LCD1	LCD bracket	CM-108E&Harm for-R+R	1		
3	LED3		BL1214B1&35.95*20mm-blueH-R+R	1		
4	CN2	TMSK	UL2468/26AWG-4P-110mm-TJC3/JC25-R+R	1		
5	LCD1	The liquid crystal	JRH-21780-TP-1&31*18mm-12PIN-R+R	1		
6	Y1	Crystal	8MHz±20PPM&RoHS	1		
2	AJ2 AJ3	The patch electricity W	0Ω&1206-RoHS	2		
Coffee machine PCB board controller kit			CM-119-GS-RoHS	Phase marker		
				1	1	
3	R5 R27-R30	ΦSheet resistance	2KΩ±5%&0805-RoHS	5		
4	R9	ΦSheet resistance	10KΩ±5%&0805-RoHS	1		
5	R8	ΦSheet resistance	1MΩ±5%&0805-RoHS	1		
6	R23 R24	ΦSheet resistance	620Ω±5%&0805-RoHS	2		
7	R6 R19	ΦSheet resistance	2KΩ±5%&1206-RoHS	2		
8	R4	ΦSheet resistance	330Ω±5%&1206-RoHS	1		
9	C4	ΦPiece of capacitance	104±10%-50V&0805-X7R-RoHS	1		
10	C7	ΦPiece of capacitance	106±10%-16V&1206-X7R-RoHS	1		
11	C11 C12	ΦPiece of capacitance	30pF±5%-50V&0805-RoHS	2		
12	Q2	ΦW diode	S8050D-0.8A/25V&(SOT-23)-RoHS	1		
13	MCU1	The integrated circuit	RD8P12AS1402A&SOP28-Need to burn-RoHS	1		
1		PCB-) TO- (/A (PZDZDDKBDBorn goodDW) (1Q16F)	CM-108E-D14 RoHS (ZJRD161115-02G)	1		
1	K1-K4	microC6M	6*6*5mm-180±30gf&o8&0.4-%±-R+R	4		
2	LED5	Light-emitting diode	Φ4*10-0hair0&-72light- 5R-%±-RoHS	1		
3	LED4	Light-emitting diode	Φ4*10-3hair3&1-72light- 5R-%±-RoHS	1		

End of report

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