

Test Report

Report No.: NB2025057141

Date: June 17, 2025

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Applicant: Shanghai Baobang Medical Equipment Co., Ltd.

Address: Bldg15, No.889 Guinan Rd, Shihudang Town, Songjiang District, Shanghai, 201617, China.

The following merchandise were submitted and identified by the clients as:

Sample Name: Oil-free Air Compressor

Model No.: BOYT1501, BOYT24, BOYT2202, HE5000YTJ, HE5000YTJ-2, BYT600, BYT700, BYT800, BOYT05, BOYT21, BOYT03, BOYT08, BOYT2105, BOYT2110, BOYT10, BOYT10L-2, BO05L, BO10L, BKY-01, KY-01, KY-01-JY, KY-06, KY-06-JY, BKY-06, BKY-06-JY, KY-06L, KY-06L-JY, KY-08, KY-09, OA-01, HX-010, H-5000S

The following information were confirmed by the laboratory:

Testing Period: From May 27, 2025 to June 6, 2025

From June 11, 2025 to June 16, 2025

Test Results: Please refer to next page(s)

Summary of test results

Test Requested		Conclusion
1	Heavy Metals and Flame Retardants Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)	PASS
2	Phthalates Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments Commission Delegated Directive (EU) 2015/863	PASS

Remark: Tested part(s) was/were specified by client.

Signed for and on behalf of Guangdong NewBest Testing Service Co., Ltd.

Approved by:



Manager

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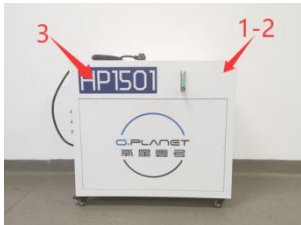
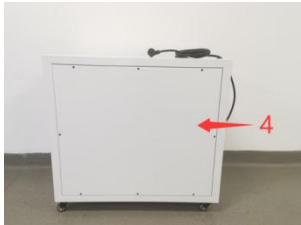
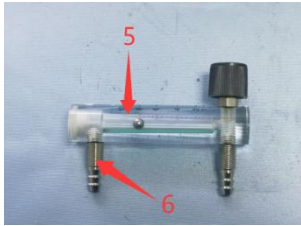
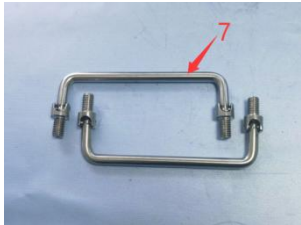
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Test results:

Tested part(s) description:

Test Item(s)	Description	Location	Photo
I001	Silver metal shelf	Shell	
I002	White coating	Shell	
I003	White plastic with blue printing	Shell	
I004	Silver metal cover with white coating	Shell	
I005	Transparent glass	Flowmeter	
I006	Silver metal	Flowmeter	
I007	Silver metal	Handle	
I008	Black plated metall shelf	Wheels	
I009	Black plastic	Wheels	
I010	Silver metal nail	Wheels	

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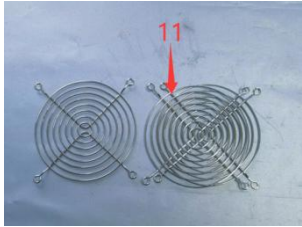
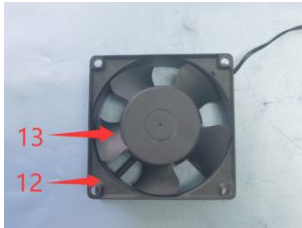
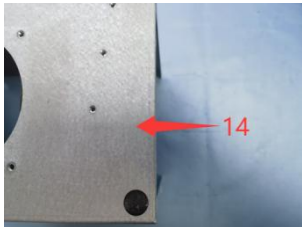
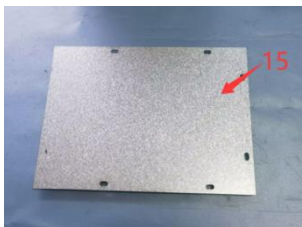
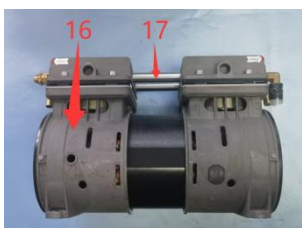
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Test Item(s)	Description	Location	Photo
I011	Silver metal	Fan guard	
I012	Black plated metall shelf	Fan	
I013	Black plastic fan blade	Fan	
I014	Silver metal shell	Air compressor shell	
I015	Silver metal sheet	Air compressor shell	
I016	Grey plated metal shelf	Air compressor 600D	
I017	Silver metal tube	Air compressor 600D	
I018	Silver metal shelf	Air compressor 400G	
I019	Black plated metall coil	Air compressor 400G	

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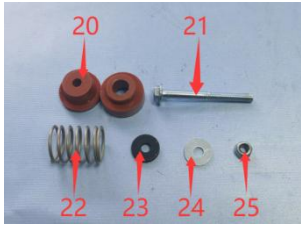
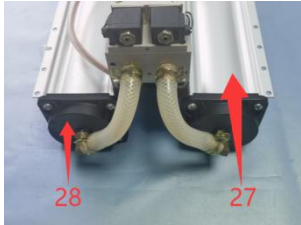
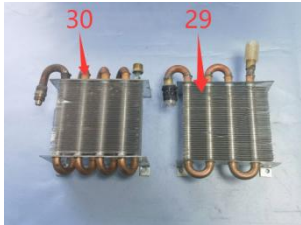
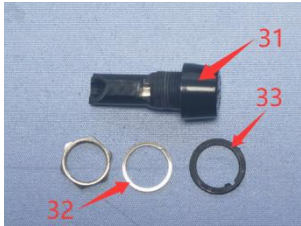
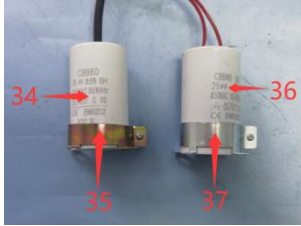
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Test Item(s)	Description	Location	Photo
I020	Red soft plastic	Air compressor fixed part	
I021	Silver metal screw	Air compressor fixed part	
I022	Silver metal spring	Air compressor fixed part	
I023	Black plastic gasket	Air compressor fixed part	
I024	Silver metal ring	Air compressor fixed part	
I025	Silver metal nut	Air compressor fixed part	
I026	Silver metal sheet	Air compressor fixed part	
I027	Silver metal	Molecular sieve unit	
I028	Black plastic	Molecular sieve unit	
I029	Silver metal	Condenser	
I030	Copper metal	Condenser	
I031	Black plastic shelf	Fuse	
I032	Silver metal sheet	Fuse	
I033	Black plastic ring	Fuse	
I034	White plastic with black printing	15UF capacitor	
I035	Copper metal	15UF capacitor	
I036	White plastic with black printing	25UF capacitor	
I037	Silver metal	25UF capacitor	

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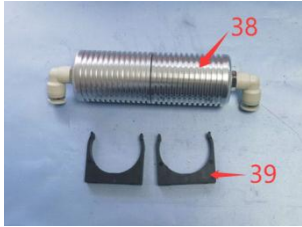
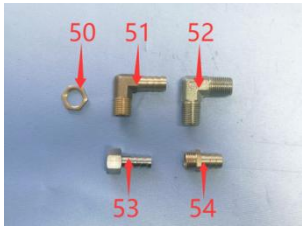
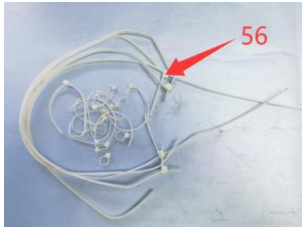
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Test Item(s)	Description	Location	Photo
I038	Silver metal shell	Muffler	
I039	Black plastic shelf	Muffler	
I040	Beige plastic shelf	Muffler	
I041	Silver metal cover	Muffler	
I042	Black plastic	Muffler	
I043	Silver metal	Hex socket screw	
I044	Silver metal	Hexagon socket screw	
I045	Silver metal	Screw with gasket	
I046	Silver metal	Screw	
I047	Silver metal	Nut (thick)	
I048	Silver metal	Nut (thin)	
I049	Silver metal	Gasket	
I050	Copper metal	Nut	
I051	Copper metal	90-degree bent joint	
I052	Silver metal	90-degree bent joint	
I053	Silver metal	Tower-shaped head	
I054	Copper metal	Tower-shaped head	
I055	Silver metal	Hoop	
I056	Beige plastic	Cable ties	

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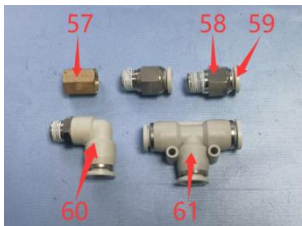
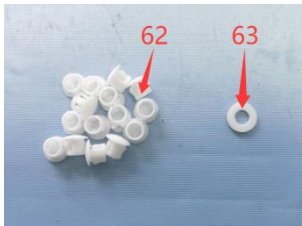
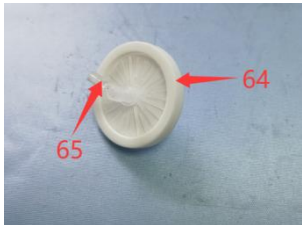
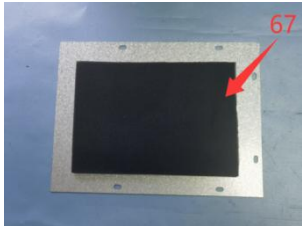
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Test Item(s)	Description	Location	Photo
I057	Copper metal	Straight coupling	
I058	White plastic	Quick connector	
I059	Silver metal	Quick connector	
I060	White plastic	L-shaped quick connector	
I061	White plastic	T-shaped quick connector	
I062	White plastic	Stopper	
I063	White plastic	Protective pipe ring	
I064	White plastic	Filter	
I065	Transparent plastic	Filter	
I066	Black plastic	Timer	
I067	Black foam with glue	Interior	
I068	Silver metal plug	Wire	
I069	Black soft plastic cable sleeve	Wire	

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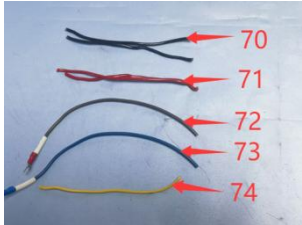
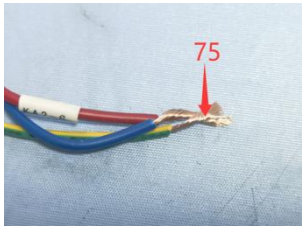
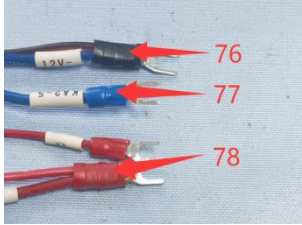
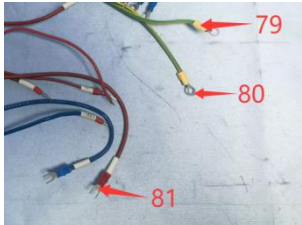
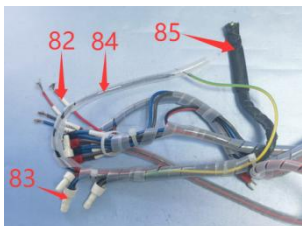
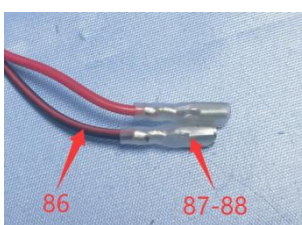
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Test Item(s)	Description	Location	Photo
I070	Black soft plastic wire sheath	Wire	
I071	Red soft plastic wire sheath	Wire	
I072	Brown soft plastic wire sheath	Wire	
I073	Blue soft plastic wire sheath	Wire	
I074	Yellow/green soft plastic wire sheath	Wire	
I075	Copper metal wire core	Wire	
I076	Black plastic tube	Wire	
I077	Blue plastic tube	Wire	
I078	Red plastic tube	Wire	
I079	Yellow plastic tube	Wire	
I080	Silver O-shaped metal	Wire	
I081	Silver U-shaped metal	Wire	
I082	White soft plastic tube	Wire	
I083	White plastic cap	Wire	
I084	Translucent plastic	Wire	
I085	Black heat shrink tubing	Wire	
I086	Black/white soft plastic sheath	Wire	
I087	Transparent plastic	Wire	
I088	Silver metal sheet	Wire	

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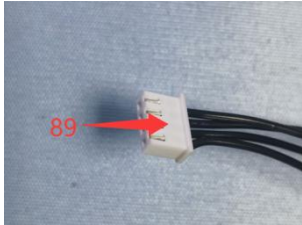
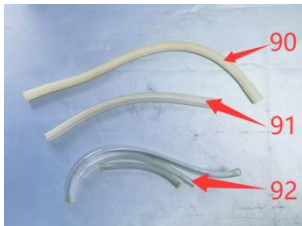
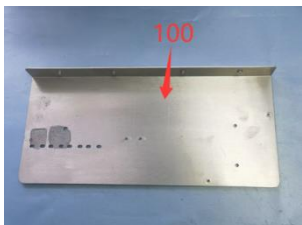
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Test Item(s)	Description	Location	Photo
I089	White plastic terminal	Wire	
I090	Beige soft plastic tube	Tube	
I091	Translucent plastic with white fiber tube	Tube	
I092	Transparent plastic tube	Tube	
I093	Silver metal tube	Tube	
I094	Black soft plastic cable sleeve	Power cable	
I095	Black plastic handle	Power cable	
I096	Silver metal cover	Power cable fixed part	
I097	Silver metal sheet	Power cable fixed part	
I098	White plastic with grey/blue printing	Switch	
I099	Blue plastic	Switch	
I100	Silver metal sheet	Electromagnetic valve fixed part	

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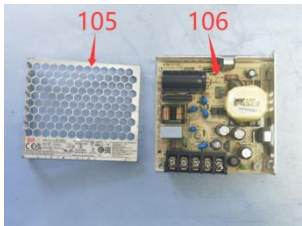
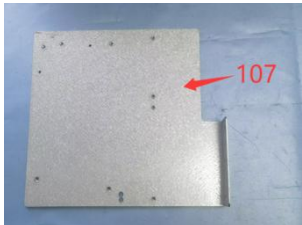
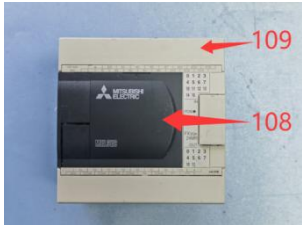
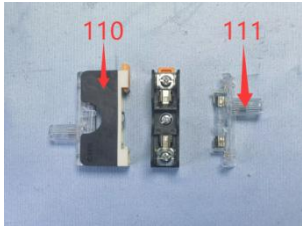
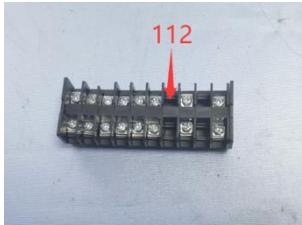
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Test Item(s)	Description	Location	Photo
I101	Transparent black plastic	Electromagnetic valve	
I102	Silver metal	Electromagnetic valve	
I103	Transparent plastic	Electromagnetic valve	
I104	Black plastic with white printing	Electromagnetic valve	
I105	Silver metal shelf	PCB board	
I106	Beige PCB board	PCB board	
I107	Silver metal sheet	Control fixed part	
I108	Black plastic with white printing	Control	
I109	Beige plastic with black printing	control	
I110	Black plastic	Fuse	
I111	Transparent plastic	Fuse	
I112	Black plastic	Terminal	

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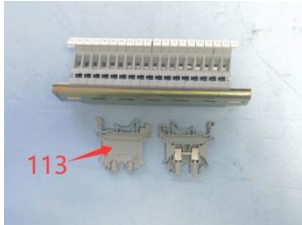
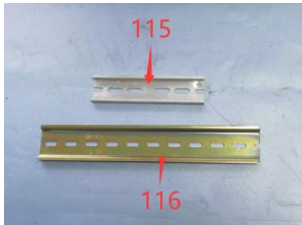
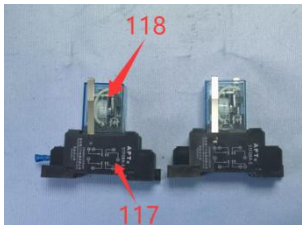
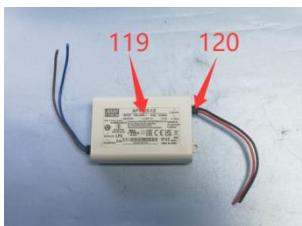
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Test Item(s)	Description	Location	Photo
I113	Grey plastic	Terminal	
I114	Grey plastic	Terminal fixed part	
I115	Silver metal	U-shaped guide rail	
I116	Copper metal	U-shaped guide rail	
I117	Black plastic with white printing	Relay	
I118	Transparent blue plastic	Relay	
I119	White plastic with black printing	Adapter	
I120	Black plastic	Adapter	

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1.1. Screening Test for the Certain Hazardous Substances of RoHS

- Heavy Metal (Lead, Cadmium, Mercury, Chromium) Content Test
- Bromine Content Test

Test Method: IEC62321-3-1:2013, and Quantification Analyzed with Energy Dispersive X-ray Fluorescence Spectrometers.

Analyte	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium (Cr)	PBBs&PBDEs	Conclusion
Test Item(s)	Result (mg/kg)					
I001	BL	BL	BL	BL	N.A.	PASS
I002	BL	BL	BL	BL	BL	PASS
I003	BL	BL	BL	BL	BL	PASS
I004	BL	BL	BL	BL	N.A.	PASS
I005	BL	BL	BL	BL	BL	PASS
I006	IN	BL	BL	BL	N.A.	-
I007	BL	BL	BL	IN	N.A.	-
I008	BL	BL	BL	BL	N.A.	PASS
I009	BL	BL	BL	BL	BL	PASS
I010	BL	BL	BL	BL	N.A.	PASS
I011	BL	BL	BL	IN	N.A.	-
I012	BL	BL	BL	BL	N.A.	PASS
I013	BL	BL	BL	BL	IN	-
I014	BL	BL	BL	BL	N.A.	PASS
I015	BL	BL	BL	BL	N.A.	PASS
I016	IN	BL	BL	BL	N.A.	-
I017	BL	BL	BL	BL	N.A.	PASS
I018	IN	BL	BL	BL	N.A.	-
I019	IN	BL	BL	BL	N.A.	-
I020	BL	BL	BL	BL	BL	PASS
I021	BL	BL	BL	BL	N.A.	PASS
I022	BL	BL	BL	IN	N.A.	-
I023	BL	BL	BL	BL	BL	PASS
I024	BL	BL	BL	BL	N.A.	PASS
I025	BL	BL	BL	IN	N.A.	-
I026	BL	BL	BL	BL	N.A.	PASS
I027	BL	BL	BL	BL	N.A.	PASS
I028	BL	BL	BL	BL	BL	PASS

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Analyte	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium (Cr)	PBBs&PBDEs	Conclusion
Test Item(s)	Result (mg/kg)					
I029	BL	BL	BL	BL	N.A.	PASS
I030	BL	BL	BL	BL	N.A.	PASS
I031	BL	BL	BL	BL	BL	PASS
I032	BL	BL	BL	BL	N.A.	PASS
I033	BL	BL	BL	BL	BL	PASS
I034	BL	BL	BL	BL	BL	PASS
I035	BL	BL	BL	BL	N.A.	PASS
I036	BL	BL	BL	BL	BL	PASS
I037	BL	BL	BL	BL	N.A.	PASS
I038	BL	BL	BL	BL	N.A.	PASS
I039	BL	BL	BL	BL	BL	PASS
I040	BL	BL	BL	BL	BL	PASS
I041	BL	BL	BL	BL	N.A.	PASS
I042	BL	BL	BL	BL	BL	PASS
I043	BL	BL	BL	IN	N.A.	-
I044	BL	BL	BL	IN	N.A.	-
I045	BL	BL	BL	IN	N.A.	-
I046	BL	BL	BL	IN	N.A.	-
I047	BL	BL	BL	IN	N.A.	-
I048	IN	BL	BL	BL	N.A.	-
I049	BL	BL	BL	IN	N.A.	PASS
I050	BL	BL	BL	BL	N.A.	PASS
I051	IN	BL	BL	BL	N.A.	-
I052	BL	BL	BL	BL	N.A.	PASS
I053	IN	BL	BL	BL	N.A.	-
I054	IN	BL	BL	BL	N.A.	-
I055	BL	BL	BL	IN	N.A.	-
I056	BL	BL	BL	BL	BL	PASS
I057	IN	BL	BL	BL	N.A.	-
I058	BL	BL	BL	BL	BL	PASS
I059	IN	BL	BL	BL	N.A.	-
I060	BL	BL	BL	BL	BL	PASS
I061	BL	BL	BL	BL	BL	PASS
I062	BL	BL	BL	BL	BL	PASS

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Analyte	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium (Cr)	PBBs&PBDEs	Conclusion
Test Item(s)	Result (mg/kg)					
I063	BL	BL	BL	BL	BL	PASS
I064	BL	BL	BL	BL	BL	PASS
I065	BL	BL	BL	BL	BL	PASS
I066	BL	BL	BL	BL	IN	-
I067	BL	BL	BL	BL	BL	PASS
I068	BL	BL	BL	BL	N.A.	PASS
I069	BL	BL	BL	BL	BL	PASS
I070	BL	BL	BL	BL	BL	PASS
I071	BL	BL	BL	BL	BL	PASS
I072	BL	BL	BL	BL	BL	PASS
I073	BL	BL	BL	BL	BL	PASS
I074	BL	BL	BL	BL	BL	PASS
I075	BL	BL	BL	BL	N.A.	PASS
I076	BL	BL	BL	BL	BL	PASS
I077	BL	BL	BL	BL	BL	PASS
I078	BL	BL	BL	BL	BL	PASS
I079	BL	BL	BL	BL	BL	PASS
I080	BL	BL	BL	BL	N.A.	PASS
I081	BL	BL	BL	BL	N.A.	PASS
I082	BL	BL	BL	BL	BL	PASS
I083	BL	BL	BL	BL	IN	-
I084	BL	BL	BL	BL	BL	PASS
I085	BL	BL	BL	BL	BL	PASS
I086	BL	BL	BL	BL	BL	PASS
I087	BL	BL	BL	BL	BL	PASS
I088	BL	BL	BL	BL	N.A.	PASS
I089	BL	BL	BL	BL	BL	PASS
I090	BL	BL	BL	BL	BL	PASS
I091	BL	BL	BL	BL	BL	PASS
I092	BL	BL	BL	BL	BL	PASS
I093	BL	BL	BL	IN	N.A.	-
I094	BL	BL	BL	BL	BL	PASS
I095	BL	BL	BL	BL	BL	PASS
I096	IN	BL	BL	BL	N.A.	-

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Analyte	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium (Cr)	PBBs&PBDEs	Conclusion
Test Item(s)	Result (mg/kg)					
I097	BL	BL	BL	IN	N.A.	-
I098	BL	BL	BL	BL	BL	PASS
I099	BL	BL	BL	BL	BL	PASS
I100	BL	BL	BL	BL	N.A.	PASS
I101	BL	BL	BL	BL	BL	PASS
I102	IN	BL	BL	BL	N.A.	-
I103	BL	BL	BL	BL	BL	PASS
I104	BL	BL	BL	BL	IN	-
I105	BL	BL	BL	BL	N.A.	PASS
I106	BL	BL	BL	BL	IN	-
I107	BL	BL	BL	BL	N.A.	PASS
I108	BL	BL	BL	BL	IN	-
I109	BL	BL	BL	BL	IN	-
I110	BL	BL	BL	BL	BL	PASS
I111	BL	BL	BL	BL	BL	PASS
I112	BL	BL	BL	BL	IN	-
I113	BL	BL	BL	BL	BL	PASS
I114	BL	BL	BL	BL	BL	PASS
I115	BL	BL	BL	BL	N.A.	PASS
I116	BL	BL	BL	BL	N.A.	PASS
I117	BL	BL	BL	BL	BL	PASS
I118	BL	BL	BL	BL	BL	PASS
I119	BL	BL	BL	BL	IN	-
I120	BL	BL	BL	BL	BL	PASS

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Note:

1. mg/kg = milligram per kilogram = ppm = part per million, 10 000 mg/kg = 1 %
2. "OL" denotes "over limit" ; "BL" denotes "below limit" ; "N.A." denotes "Not Applicable" ; "IN" denotes "Inconclusive" , thus further confirmation test was conducted, results are listed below.
3. PBBs&PBDEs were evaluated by Bromine content of XRF screening.
4. XRF screening limits for different materials:

Element	Polymers	Metal	Composite material
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma)$ $\leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma)$ $\leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma)$ $\leq OL$
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma)$ $\leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma)$ $\leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma)$ $\leq OL$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
Br	$BL \leq (300-3\sigma) < X$	--	$BL \leq (250-3\sigma) < X$

1.2. Test for Heavy Metals

- Lead, Cadmium and Chromium Content Tests according to IEC 62321-5:2013.
- Mercury Content Test according to IEC 62321-4:2013+AMD1:2017.
- Chromium VI Content in Metal Test according to IEC 62321-7-1:2015.
- Chromium VI Content in Polymers and Electronic Test according to IEC 62321-7-2:2017.

Analyte	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	Conclusion
Detection Limit	10	10	10	10 / Δ	
Requirements	1000	100	1000	1000 / Negative	
Test Item(s)	Result (mg/kg)				
I006	20613	/	/	/	EXEMPTED
I007	/	/	/	Negative	PASS
I011	/	/	/	Negative	PASS
I016	385	/	/	/	PASS
I018	722	/	/	/	PASS
I019	394	/	/	/	PASS
I022	/	/	/	Negative	PASS
I025	/	/	/	Negative	PASS
I043	/	/	/	Negative	PASS
I044	/	/	/	Negative	PASS
I045	/	/	/	Negative	PASS

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Analyte	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	Conclusion
Detection Limit	10	10	10	10 / Δ	
Requirements	1000	100	1000	1000 / Negative	
Test Item(s)	Result (mg/kg)				
I046	/	/	/	Negative	PASS
I047	/	/	/	Negative	PASS
I048	37501	/	/	/	EXEMPTED
I049	/	/	/	Negative	PASS
I051	26635	/	/	/	EXEMPTED
I053	29538	/	/	/	EXEMPTED
I054	24926	/	/	/	EXEMPTED
I055	/	/	/	Negative	PASS
I057	27006	/	/	/	EXEMPTED
I059	30761	/	/	/	EXEMPTED
I093	/	/	/	Negative	PASS
I096	22807	/	/	/	EXEMPTED
I097	/	/	/	Negative	PASS
I102	31693	/	/	/	EXEMPTED

Note:

1. mg/kg = milligram per kilogram = ppm = part per million, 10 000 mg/kg = 1 %.
2. "N.D." = "Not Detected".
3. "Δ" = Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Council Directive 2011/65/EU, Article 4(1)(less than 0.10μg/cm²). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Council Directive 2011/65/EU, Article 4(1)(greater than 0.13μg/cm²).
4. According to Annex III of European Council Directive 2011/65/EU, exemptions were granted a few materials and Clause 6(c) is reiterated here "Copper alloy containing up to 4 % lead by weight.". Test Items < I006,I048,I051,I053,I054,I057,I059,I096,I102 > were claimed as is by client (received as is). Therefore,these Test Items containing the found lead level should be exempted

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1.3. Test for Flame Retardants

Test Method: IEC62321-6:2015, Analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

Analyte		Result (mg/kg)			Requirement (mg/kg)
		I013	I066	I083	
PBBs	Monobromobiphenyl	N.D.	N.D.	N.D.	Sum of PBBs < 1000
	Dibromobiphenyl	N.D.	N.D.	N.D.	
	Tribromobiphenyl	N.D.	N.D.	N.D.	
	Tetrabromobiphenyl	N.D.	N.D.	N.D.	
	Pentabromobiphenyl	N.D.	N.D.	N.D.	
	Hexabromobiphenyl	N.D.	N.D.	N.D.	
	Heptabromobiphenyl	N.D.	N.D.	N.D.	
	Octabromobiphenyl	N.D.	N.D.	N.D.	
	Nonabromobiphenyl	N.D.	N.D.	N.D.	
	Decabromobiphenyl	N.D.	N.D.	N.D.	
	Sum of PBBs	N.D.	N.D.	N.D.	
PBDEs	Monobromodiphenyl Ether	N.D.	N.D.	N.D.	Sum of PBDEs < 1000
	Dibromodiphenyl Ether	N.D.	N.D.	N.D.	
	Tribromodiphenyl Ether	N.D.	N.D.	N.D.	
	Tetrabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Pentabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Hexabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Heptabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Octabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Nonabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Decabromodiphenyl Ether	108	N.D.	N.D.	
	Sum of PBDEs	108	N.D.	N.D.	
Conclusion		PASS	PASS	PASS	-

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Analyte		Result (mg/kg)			Requirement (mg/kg)
		I104	I106	I108	
PBBs	Monobromobiphenyl	N.D.	N.D.	N.D.	Sum of PBBs < 1000
	Dibromobiphenyl	N.D.	N.D.	N.D.	
	Tribromobiphenyl	N.D.	N.D.	N.D.	
	Tetrabromobiphenyl	N.D.	N.D.	N.D.	
	Pentabromobiphenyl	N.D.	N.D.	N.D.	
	Hexabromobiphenyl	N.D.	N.D.	N.D.	
	Heptabromobiphenyl	N.D.	N.D.	N.D.	
	Octabromobiphenyl	N.D.	N.D.	N.D.	
	Nonabromobiphenyl	N.D.	N.D.	N.D.	
	Decabromobiphenyl	N.D.	N.D.	N.D.	
	Sum of PBBs	N.D.	N.D.	N.D.	
PBDEs	Monobromodiphenyl Ether	N.D.	N.D.	N.D.	Sum of PBDEs < 1000
	Dibromodiphenyl Ether	N.D.	N.D.	N.D.	
	Tribromodiphenyl Ether	N.D.	N.D.	N.D.	
	Tetrabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Pentabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Hexabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Heptabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Octabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Nonabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Decabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Sum of PBDEs	N.D.	N.D.	N.D.	
Conclusion		PASS	PASS	PASS	-

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Analyte		Result (mg/kg)			Requirement (mg/kg)
		I109	I112	I119	
PBBs	Monobromobiphenyl	N.D.	N.D.	N.D.	Sum of PBBs < 1000
	Dibromobiphenyl	N.D.	N.D.	N.D.	
	Tribromobiphenyl	N.D.	N.D.	N.D.	
	Tetrabromobiphenyl	N.D.	N.D.	N.D.	
	Pentabromobiphenyl	N.D.	N.D.	N.D.	
	Hexabromobiphenyl	N.D.	N.D.	N.D.	
	Heptabromobiphenyl	N.D.	N.D.	N.D.	
	Octabromobiphenyl	N.D.	N.D.	N.D.	
	Nonabromobiphenyl	N.D.	N.D.	N.D.	
	Decabromobiphenyl	N.D.	N.D.	N.D.	
	Sum of PBBs	N.D.	N.D.	N.D.	
PBDEs	Monobromodiphenyl Ether	N.D.	N.D.	N.D.	Sum of PBDEs < 1000
	Dibromodiphenyl Ether	N.D.	N.D.	N.D.	
	Tribromodiphenyl Ether	N.D.	N.D.	N.D.	
	Tetrabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Pentabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Hexabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Heptabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Octabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Nonabromodiphenyl Ether	N.D.	N.D.	N.D.	
	Decabromodiphenyl Ether	N.D.	351	N.D.	
	Sum of PBDEs	N.D.	351	N.D.	
Conclusion		PASS	PASS	PASS	-

Note:

1. mg/kg = milligram per kilogram = ppm = part per million, 10 000 mg/kg = 1 %.
2. MDL= Detection Limit = 50mg/kg.
3. "N.D." = "Not Detected".

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2. Phthalates Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments Commission Delegated Directive (EU) 2015/863

Test Method: IEC 62321-8:2017, Analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

Analyte	Result (mg/kg)		Requirement (mg/kg)
	I002+I013+I120	I033+I034+I036+I039 +I040	
Dibutyl phthalate (DBP)	N.D.	N.D.	1000
Di-(2-ethyl hexyl) phthalate (DEHP)	N.D.	N.D.	1000
Benzyl butyl phthalate (BBP)	N.D.	N.D.	1000
Di-(iso-butyl) phthalate (DIBP)	N.D.	N.D.	1000
Conclusion	PASS	PASS	-

Analyte	Result (mg/kg)		Requirement (mg/kg)
	I042+I056+I058+I060 +I061	I062+I063+I064+I065 +I066	
Dibutyl phthalate (DBP)	N.D.	N.D.	1000
Di-(2-ethyl hexyl) phthalate (DEHP)	N.D.	N.D.	1000
Benzyl butyl phthalate (BBP)	N.D.	N.D.	1000
Di-(iso-butyl) phthalate (DIBP)	N.D.	N.D.	1000
Conclusion	PASS	PASS	-

Analyte	Result (mg/kg)		Requirement (mg/kg)
	I076+I077+I078+I079 +I083	I098+I099+I101+I103 +I104	
Dibutyl phthalate (DBP)	N.D.	N.D.	1000
Di-(2-ethyl hexyl) phthalate (DEHP)	N.D.	N.D.	1000
Benzyl butyl phthalate (BBP)	N.D.	N.D.	1000
Di-(iso-butyl) phthalate (DIBP)	N.D.	N.D.	1000
Conclusion	PASS	PASS	-

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Analyte	Result (mg/kg)		Requirement (mg/kg)
	I106+I108+I109+I110 +I111	I112+I113+I114+I117 +I118	
Dibutyl phthalate (DBP)	N.D.	N.D.	1000
Di-(2-ethyl hexyl) phthalate (DEHP)	N.D.	70	1000
Benzyl butyl phthalate (BBP)	N.D.	N.D.	1000
Di-(iso-butyl) phthalate (DIBP)	N.D.	N.D.	1000
Conclusion	PASS	PASS	-

Analyte	Result (mg/kg)	Requirement (mg/kg)
	I028	
Dibutyl phthalate (DBP)	N.D.	1000
Di-(2-ethyl hexyl) phthalate (DEHP)	N.D.	1000
Benzyl butyl phthalate (BBP)	N.D.	1000
Di-(iso-butyl) phthalate (DIBP)	N.D.	1000
Conclusion	PASS	-

Note:

1. mg/kg = milligram per kilogram = ppm = part per million, 10 000 mg/kg = 1 %.
2. MDL= Detection Limit = 50mg/kg.
3. "N.D." = "Not Detected".
4. Results shown are of the total weight of mixed samples.

Disclaimer Measurement Uncertainty:

Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 re quirements. By taking measurement uncertainties into account it might happen that measured values can neither by assessed as PASS nor as FAIL.

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Samples photograph



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