

Test Report No.: 70.400.25.2752.01-00.01

Rev.: 00

Dated: 2025-11-25



Applicant: Guangdong Midea Intelligent Technology Co.,Ltd.

Address: Block B of 2nd Floor, B1 Building, No.3 of Liaoxin Road, Shuikou Residential Committee, Beijiao Town, Shunde, Foshan, 528311, Guangdong, China

Sample Description: AC Servo Driver

Model No.: BD3E-0122AAP2

Sample Received Date: 2025-10-14, Shanghai

Test Period: From 2025-10-14 to 2025-11-21, Shanghai

Purpose of examination: Verification of RoHS (Restriction of Hazardous Substances) directive 2011/65/EU and its amendment (EU) 2015/863 on submitted samples

Test Results: Refer to following page(s)

Remark:

- The result relates only to the items tested.
- The reference model(s) was declared by client.
- The test sample(s) and item(s) were specified by client.
- The test parts were specified by client.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
TÜV SÜD Group

Prepared by:

Reviewed by:

Yang Sirong



Bai Jian

Yang, Sirong
Project Engineer

Bai, Jian
Project Engineer

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 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail. Any use for advertising purposes must be granted in writing. This test report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch

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Laboratory: TÜV SÜD Certification and Testing (China)
Co., Ltd. Shanghai Branch Testing Center

No. 1999 Du Hui Rd, Minhang District, Shanghai 201108
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SUMMARY OF TEST RESULTS

No.	Test Requested	Conclusion	Remarks
1.	Heavy Metal (Pb, Cd, Hg and Cr VI) Content	PASS	
2.	Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs) Content	PASS	
3.	Phthalates (DEHP, BBP, DBP and DIBP) Content	PASS	



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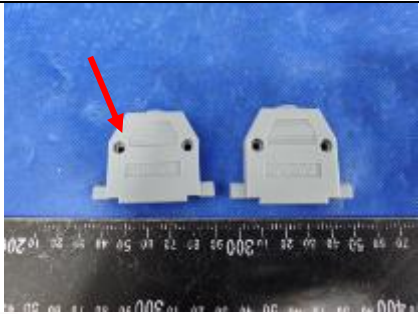
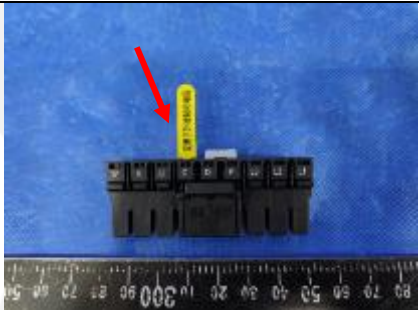
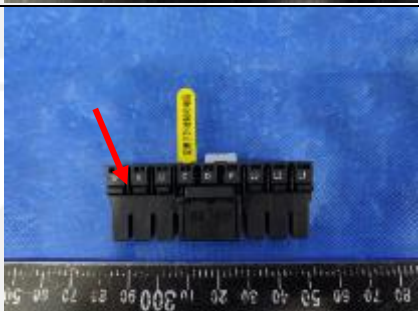
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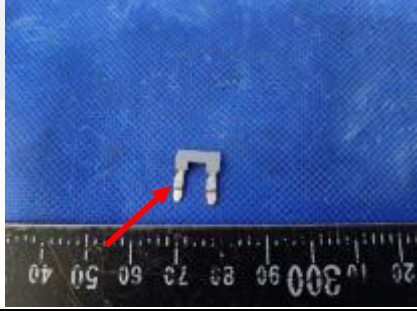
Laboratory: TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch Testing Center

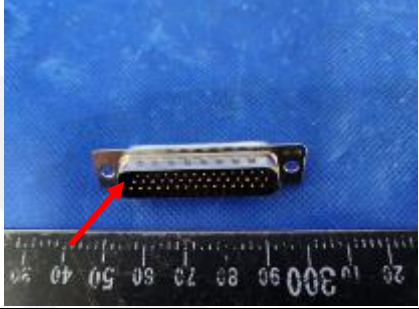
No. 1999 Du Hui Rd, Minhang District, Shanghai 201108 P.R. China

Tel.: +86-21-6037-6501

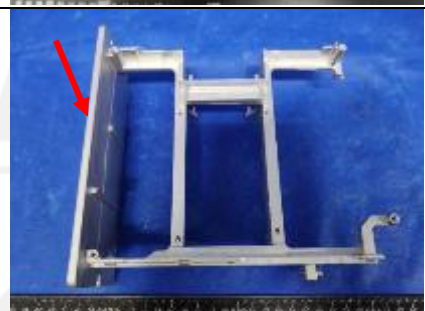
1. TESTED SUBJECT DESCRIPTION

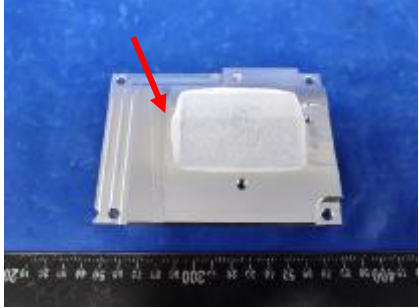
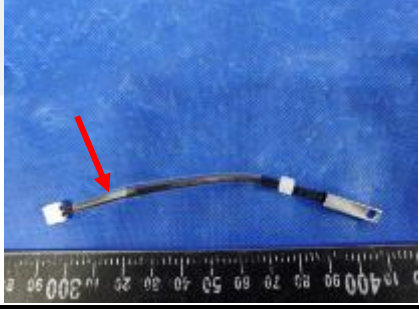
T Number	Sample Number	Tested Material Description	Photo
T1	001	Grey plastic block	
T2	002	Yellow label	
T3	003	Black plastic block	
T4	004	Black plastic block	

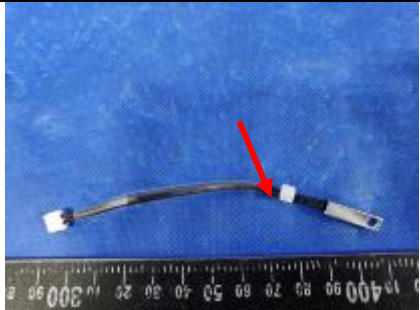
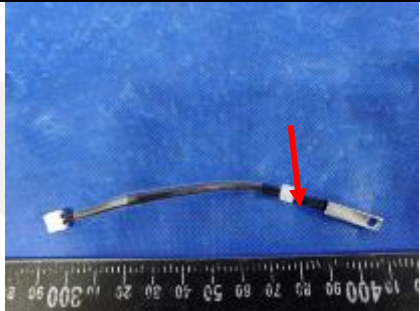
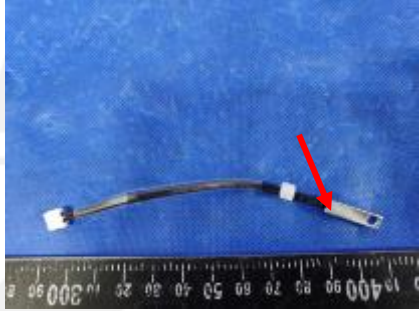
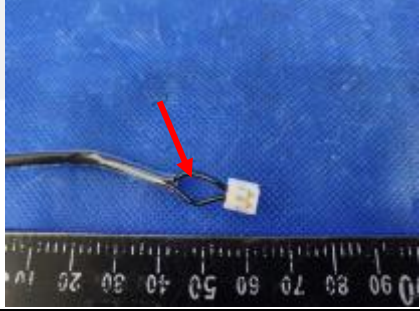
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T5	005	Silvery metal block	
T6	006	Silvery metal block	
T7	007	Grey plastic block	
T8	008	Silvery metal block	

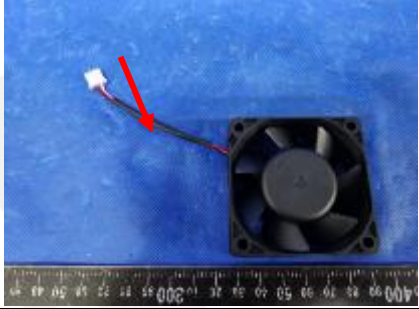
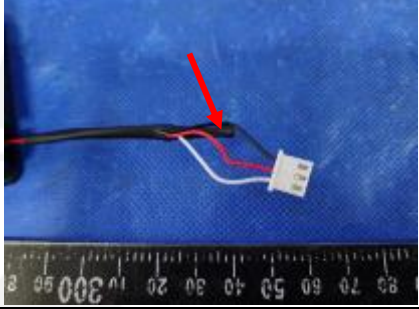
T Number	Sample Number	Tested Material Description	Photo
T9	009	Silvery metal block	
T10	010	Silvery metal pin	
T11	011	Black plastic block	
T12	012	Black plastic shell	

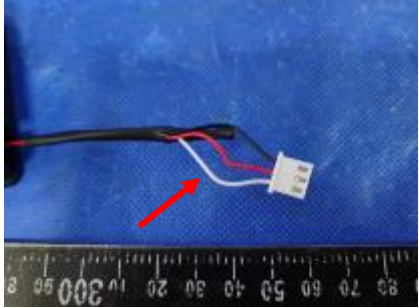
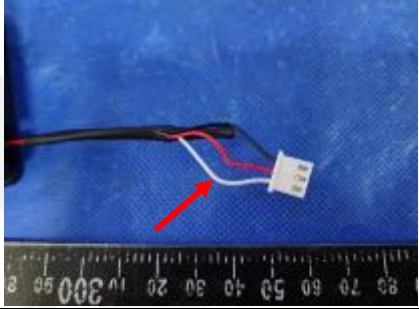
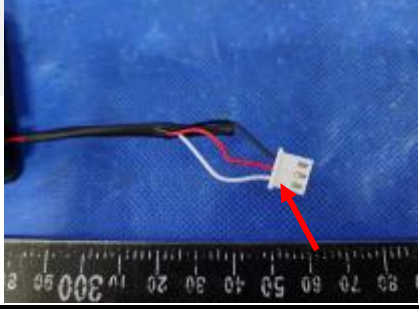
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T13	013	White label	
T14	014	Black plastic block	
T15	015	Black plastic block	
T16	016	Black plastic cap	

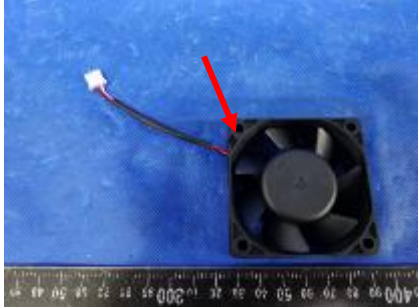
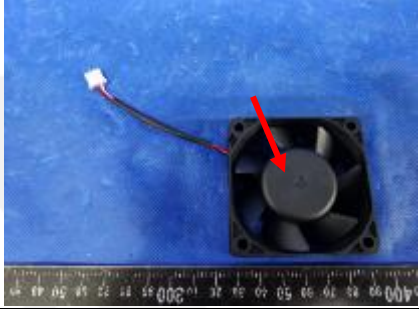
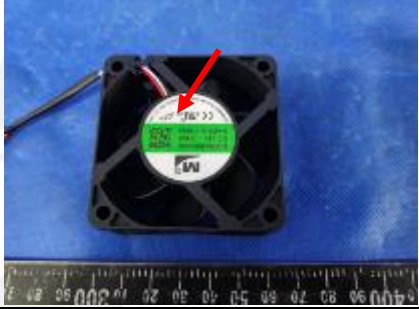
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T17	017	Transparent plastic block	
T18	018	Black plastic block	
T19	019	Silvery metal block	
T20	020	Silvery metal block	

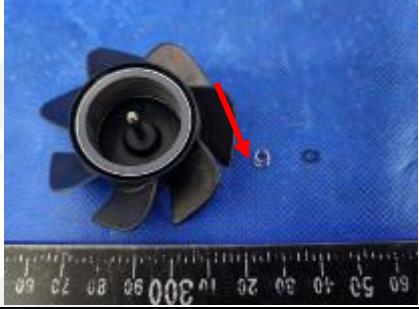
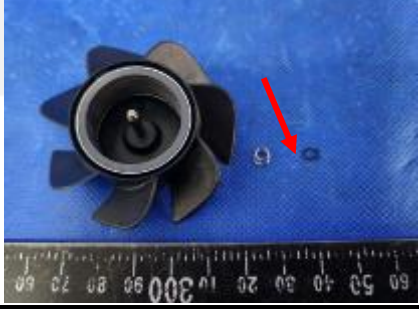
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T21	021	White silicone grease	
T22	022	White plastic block	
T23	023	Silvery metal pin	
T24	024	Transparent soft sheath	

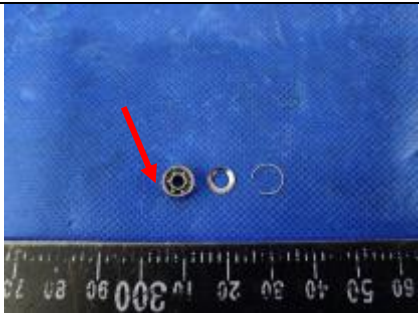
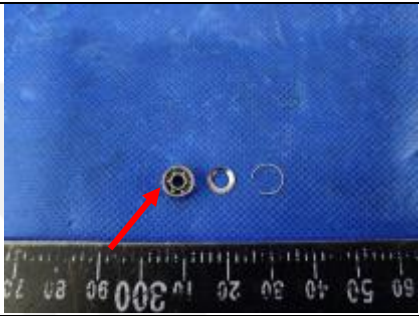
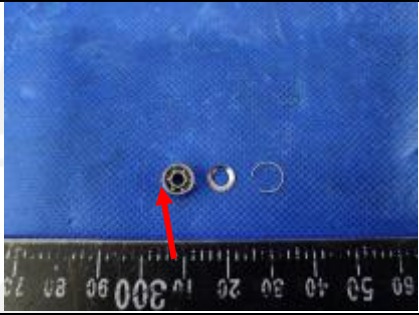
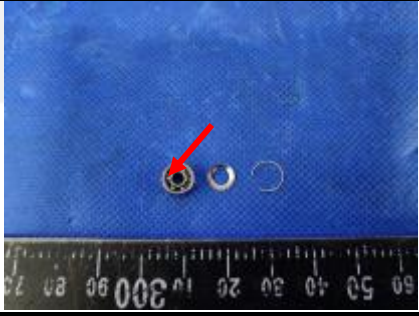
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T25	025	White plastic cable ties	
T26	026	Black soft sheath	
T27	027	Silvery metal block	
T28	028	Black soft cable jacket	

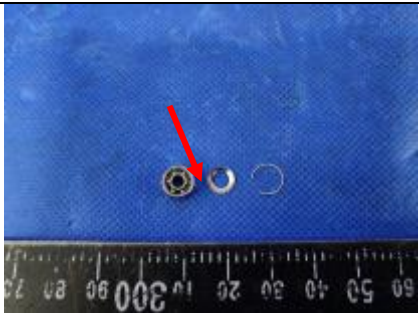
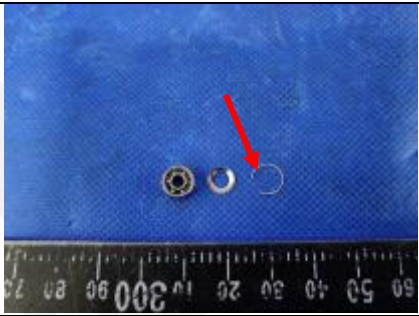
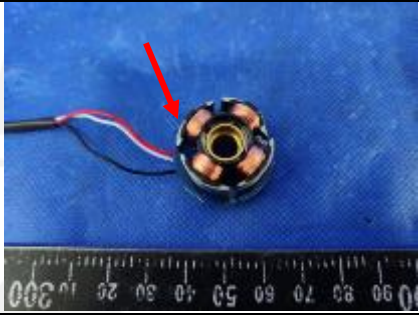
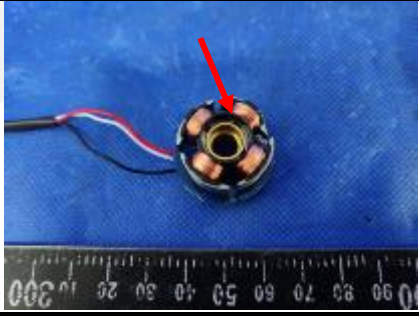
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T29	029	Silvery metal wire core	
T30	030	Black soft sheath	
T31	031	Black soft cable jacket	
T32	032	Red soft cable jacket	

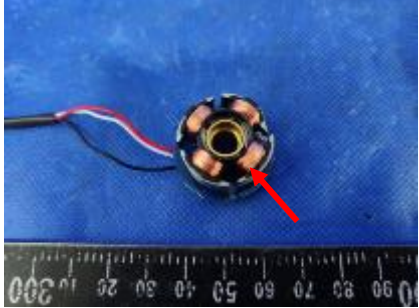
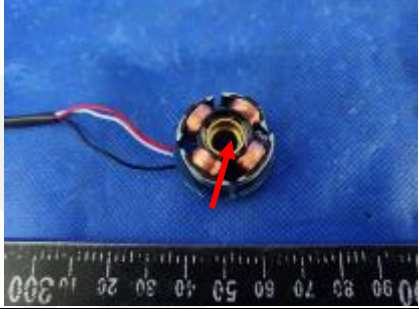
T Number	Sample Number	Tested Material Description	Photo
T33	033	White soft cable jacket	
T34	034	Coppery metal wire core	
T35	035	White plastic block	
T36	036	Silvery metal pin	

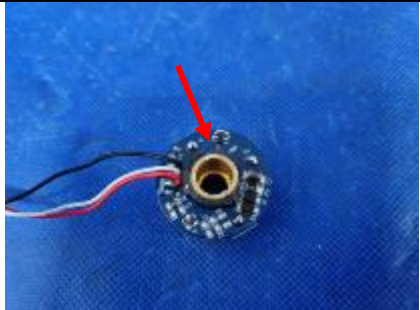
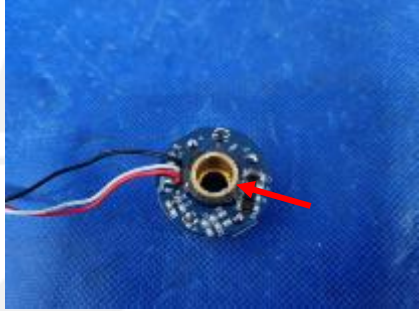
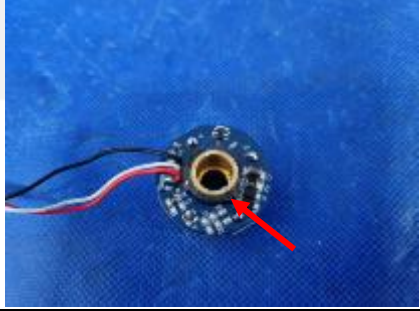
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T37	037	Black plastic block	
T38	038	Black plastic block	
T39	039	White label	
T40	040	Silvery metal shell	

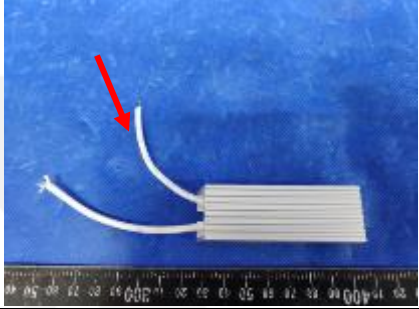
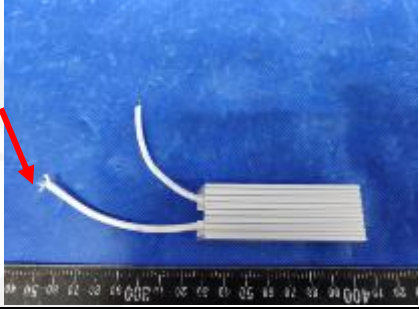
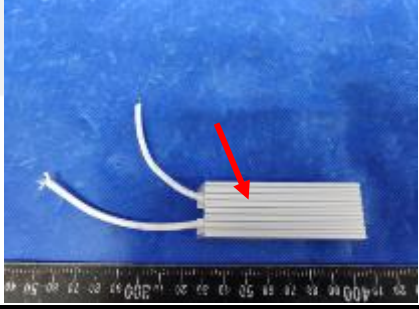
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T41	041	Black magnet	
T42	042	Silvery metal axle	
T43	043	Silvery metal spring	
T44	044	Black metal clip	

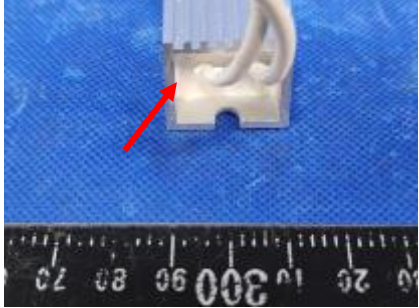
T Number	Sample Number	Tested Material Description	Photo
T45	045	Silvery metal ring	
T46	046	Silvery metal ball	
T47	047	Brown plastic bracket	
T48	048	Silvery metal ring	

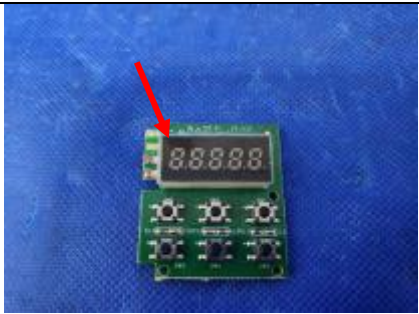
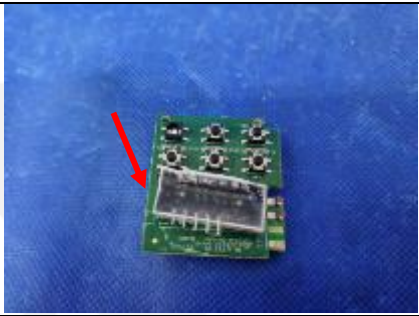
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T49	049	Silvery metal cap	
T50	050	Silvery metal clip	
T51	051	Black plastic block	
T52	052	Coppery metal wire	

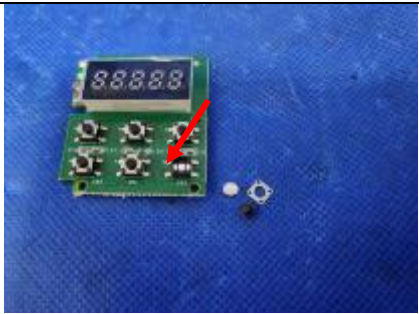
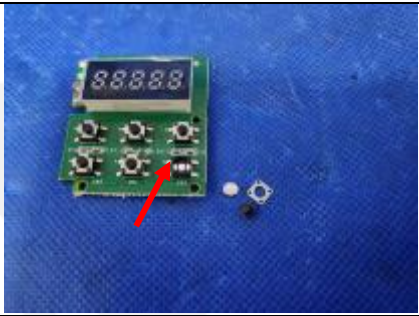
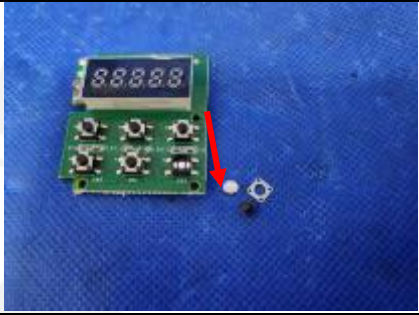
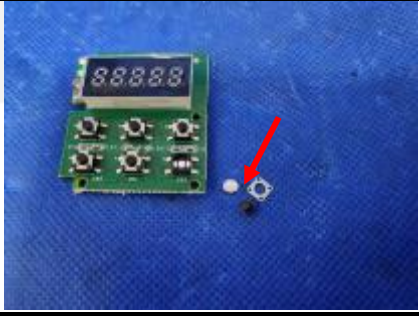
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T53	053	Silvery metal piece	
T54	054	Golden metal block	
T55	055	Black electric component	
T56	056	Silvery metal solder	

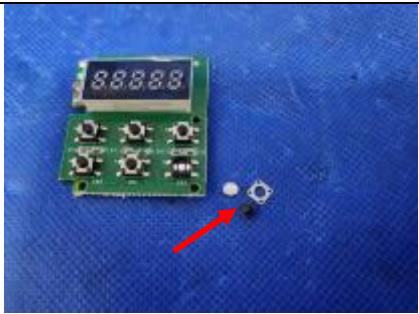
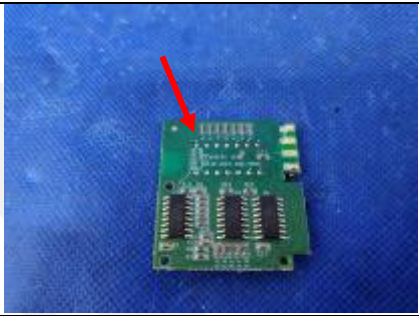
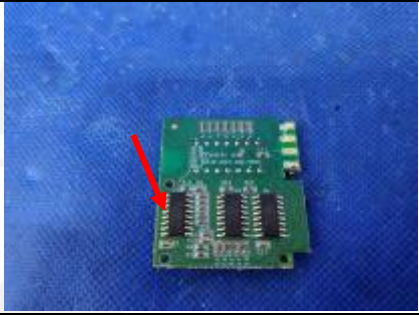
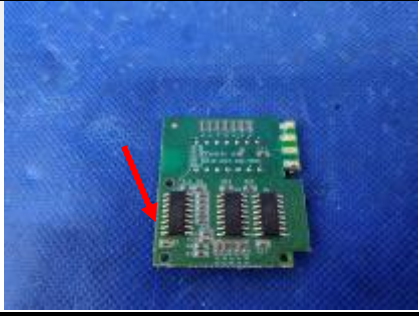
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T57	057	Black electric component	
T58	058	Brown electric component	
T59	059	Black electric component	
T60	060	Black electric component	

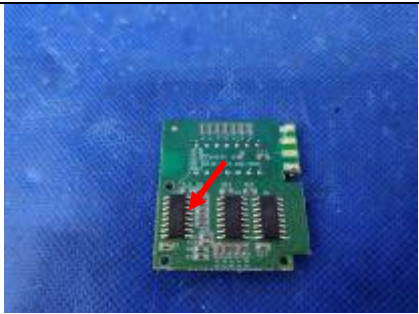
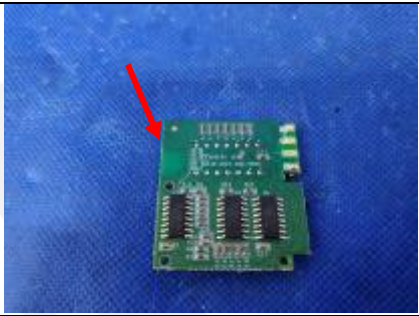
T Number	Sample Number	Tested Material Description	Photo
T61	061	Blue PCB	
T62	062	White soft cable jacket	
T63	063	Silvery metal wire core	
T64	064	Silvery metal block	

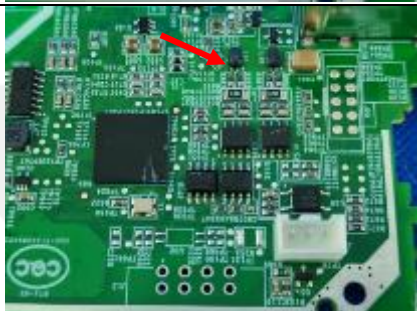
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T65	065	White ceramic	
T66	066	Silvery plastic piece	
T67	067	Silvery metal block	
T68	068	Black soft plastic block	

T Number	Sample Number	Tested Material Description	Photo
T69	069	Transparent plastic film	
T70	070	White plastic block	
T71	071	Black PCB	
T72	072	Silvery metal pin	

T Number	Sample Number	Tested Material Description	Photo
T73	073	Black plastic block	
T74	074	Silvery metal pin	
T75	075	Silvery metal piece	
T76	076	Silvery metal piece	

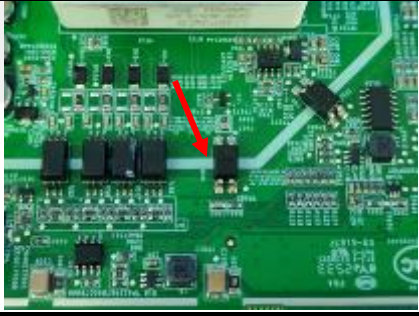
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T77	077	Black plastic block	
T78	078	Brown electric component	
T79	079	Black electric component	
T80	080	Silvery metal pin	

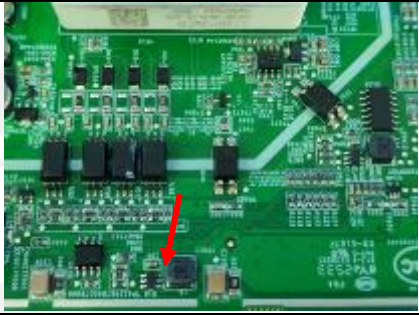
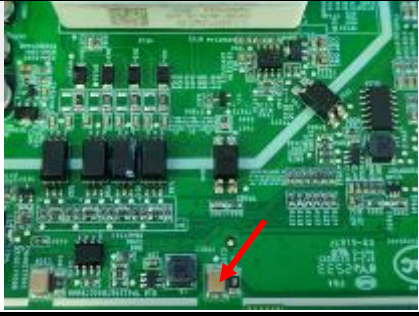
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T81	081	Black electric component	
T82	082	Green PCB	
T83	083	Black electric component	
T84	084	Black electric component	

T Number	Sample Number	Tested Material Description	Photo
T85	085	Brown electric component	
T86	086	Black electric component	
T87	087	Brown electric component	
T88	088	Black electric component	

T Number	Sample Number	Tested Material Description	Photo
T89	089	Silvery electric component	
T90	090	Black electric component	
T91	091	Black electric component	
T92	092	Black electric component	

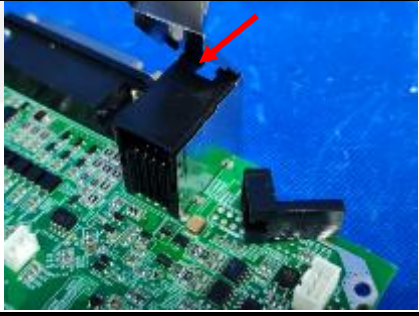
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T93	093	Black electric component	
T94	094	White plastic block	
T95	095	Silvery metal pin	
T96	096	Black electric component	

T Number	Sample Number	Tested Material Description	Photo
T97	097	Black electric component	
T98	098	Black electric component	
T99	099	Black electric component	
T100	100	Black electric component	

T Number	Sample Number	Tested Material Description	Photo
T101	101	Black electric component	
T102	102	Black electric component	
T103	103	Black electric component	
T104	104	Black electric component	

T Number	Sample Number	Tested Material Description	Photo
T105	105	Black electric component	
T106	106	Yellow adhesive tape	
T107	107	Black ferrite	
T108	108	Black plastic block	

T Number	Sample Number	Tested Material Description	Photo
T109	109	Coppery metal wire	
T110	110	Silvery metal shell	
T111	111	Blue plastic sheath	
T112	112	Silvery metal piece	

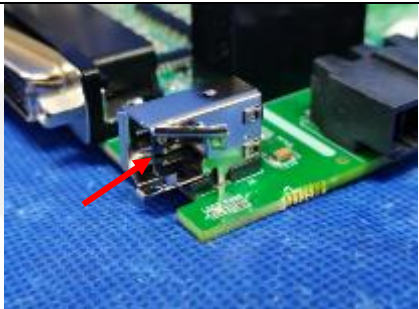
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T113	113	Black soft plastic block	
T114	114	Silvery metal shell	
T115	115	Black plastic block	
T116	116	Silvery metal shell	

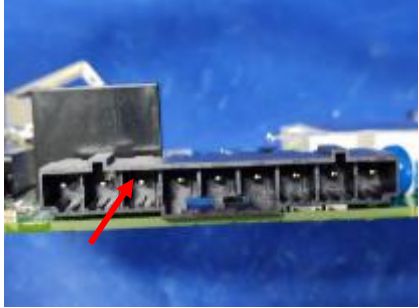
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T117	117	Black plastic block	
T118	118	Silvery metal pin	
T119	119	Black plastic block	
T120	120	Black electric component	

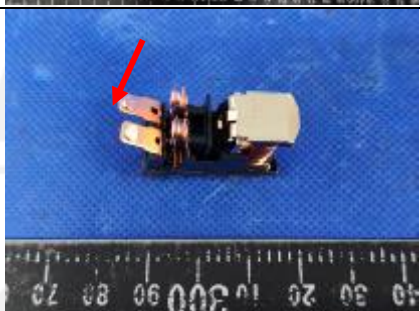
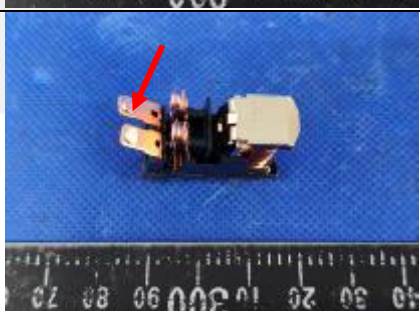
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T121	121	Black electric component	
T122	122	Black electric component	
T123	123	Black electric component	
T124	124	Black electric component	

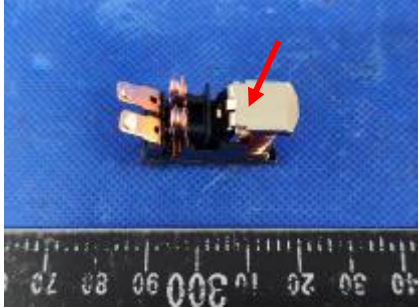
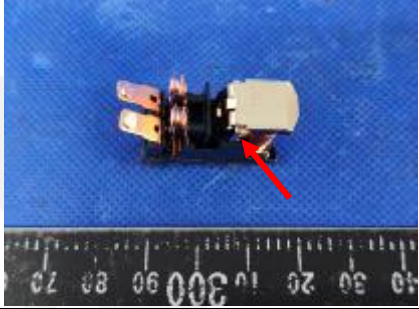
T Number	Sample Number	Tested Material Description	Photo
T125	125	Black electric component	
T126	126	Black electric component	
T127	127	Black electric component	
T128	128	Black electric component	

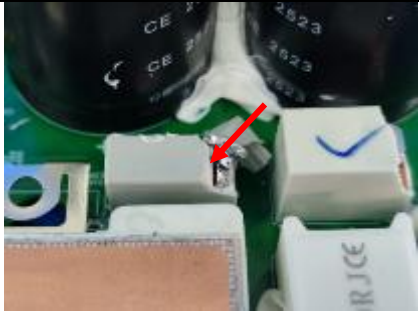
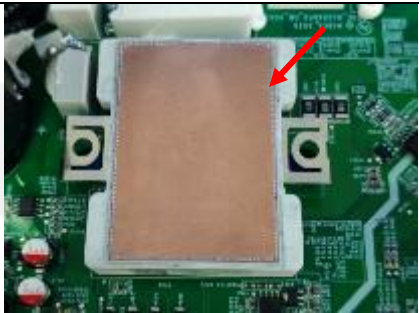
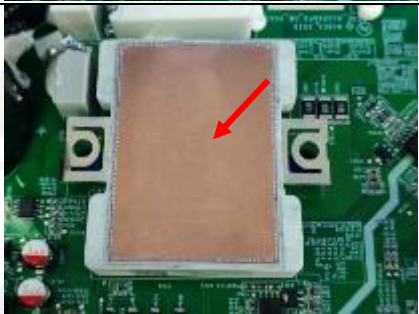
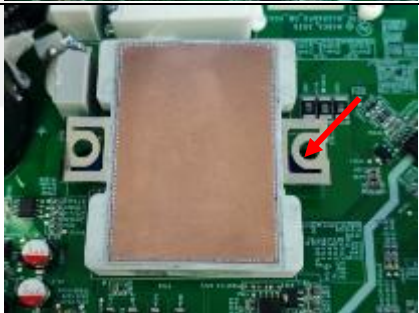
T Number	Sample Number	Tested Material Description	Photo
T129	129	Black plastic block	
T130	130	Silvery metal block	
T131	131	Coppery metal pin	
T132	132	Silvery metal block	

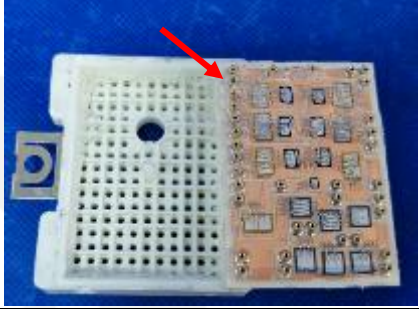
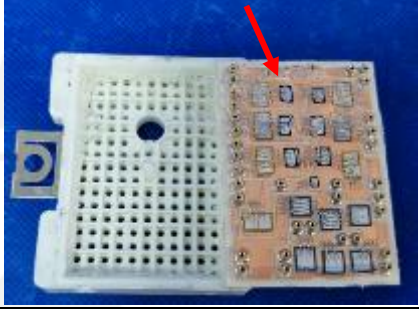
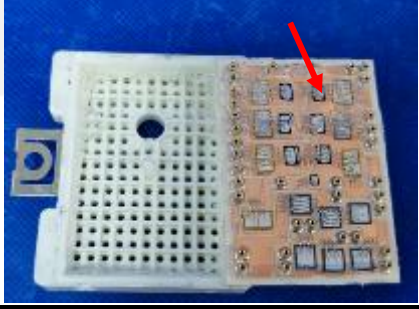
T Number	Sample Number	Tested Material Description	Photo
T133	133	Silvery metal shell	
T134	134	Black plastic block	
T135	135	Silvery metal pin	
T136	136	Black plastic block	

T Number	Sample Number	Tested Material Description	Photo
T137	137	Silvery metal pin	
T138	138	White ceramic	
T139	139	White soft glue	
T140	140	Blue capacitor	

T Number	Sample Number	Tested Material Description	Photo
T141	141	Blue capacitor	
T142	142	Black plastic shell	
T143	143	Silvery metal contact	
T144	144	Coppery metal block	

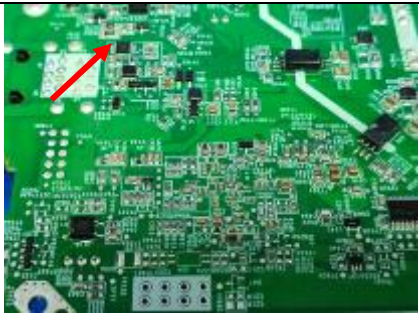
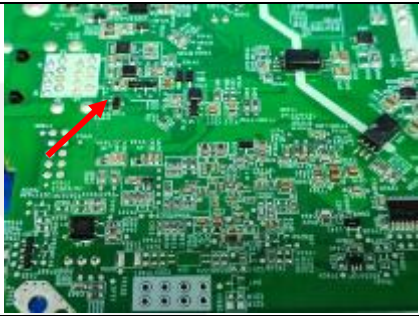
T Number	Sample Number	Tested Material Description	Photo
T145	145	Silvery metal block	
T146	146	Copper metal wire	
T147	147	White plastic block	
T148	148	White plastic shell	

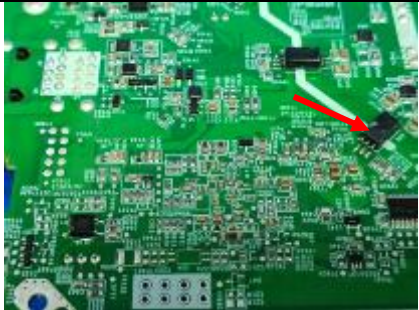
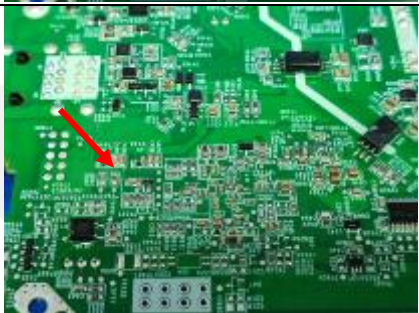
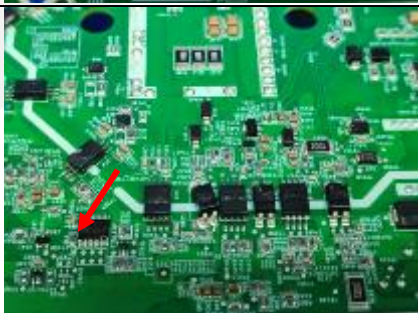
T Number	Sample Number	Tested Material Description	Photo
T149	149	Silvery plastic piece	
T150	150	White plastic block	
T151	151	Coppery metal board	
T152	152	Silvery metal piece	

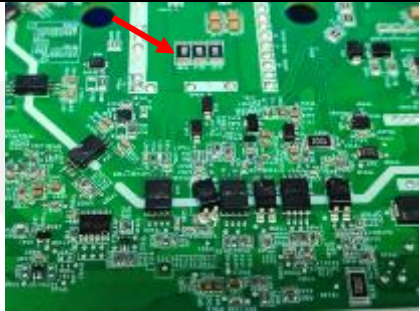
T Number	Sample Number	Tested Material Description	Photo
T153	153	Silvery metal pin	
T154	154	Copper metal block	
T155	155	Transparent soft glue	
T156	156	Silvery metal wire	

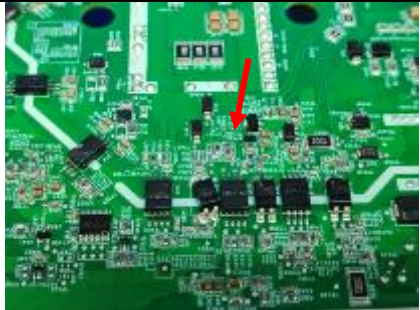
T Number	Sample Number	Tested Material Description	Photo
T157	157	Black plastic piece	
T158	158	Black plastic sheath	
T159	159	Silvery metal shell	
T160	160	Silvery metal piece	

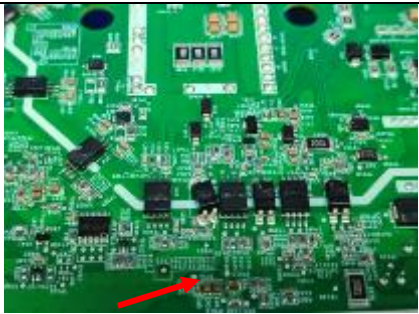
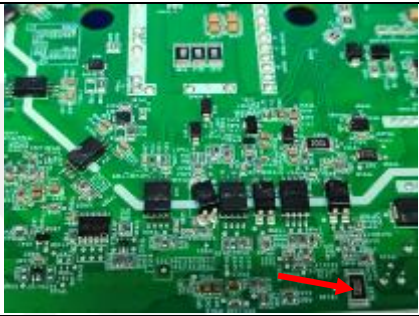
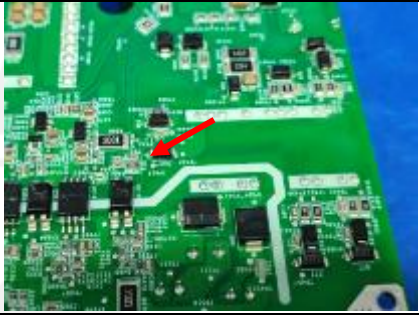
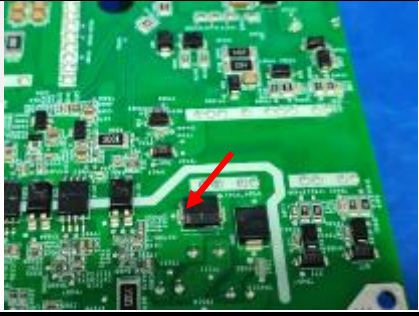
T Number	Sample Number	Tested Material Description	Photo
T161	161	Kraft paper	
T162	162	Brown paperboard	
T163	163	Black soft plastic block	
T164	164	Silvery metal solder	

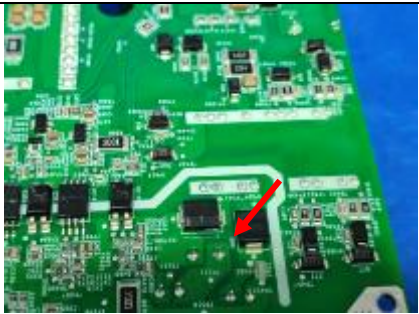
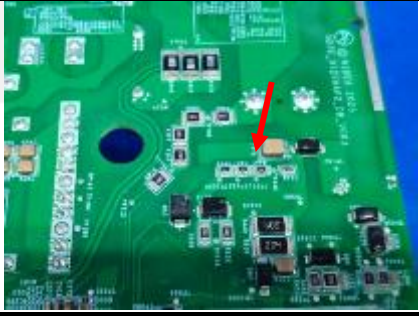
T Number	Sample Number	Tested Material Description	Photo
T165	165	Black electric component	
T166	166	Black electric component	
T167	167	Black electric component	
T168	168	Black electric component	

T Number	Sample Number	Tested Material Description	Photo
T169	169	Black electric component	
T170	170	Brown electric component	
T171	171	Black electric component	
T172	172	Black electric component	

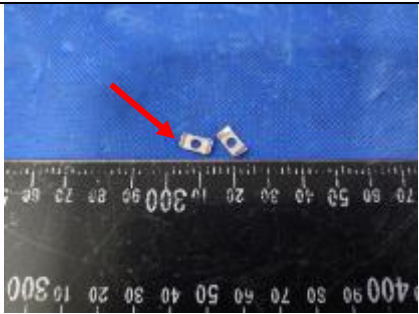
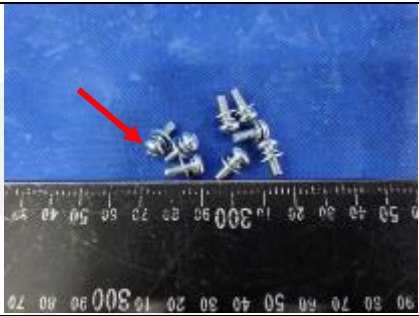
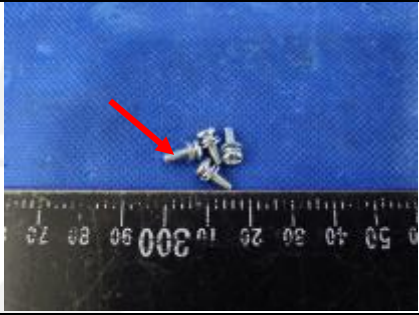
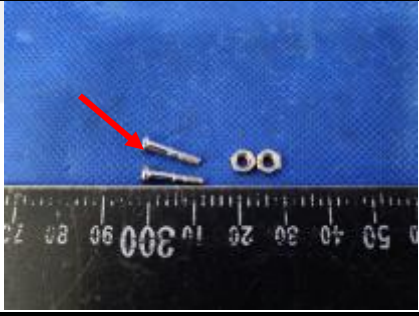
T Number	Sample Number	Tested Material Description	Photo
T173	173	Black electric component	
T174	174	Black electric component	
T175	175	Brown electric component	
T176	176	Black electric component	

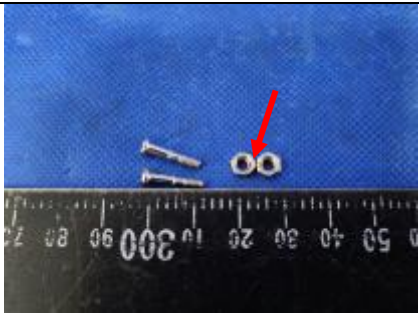
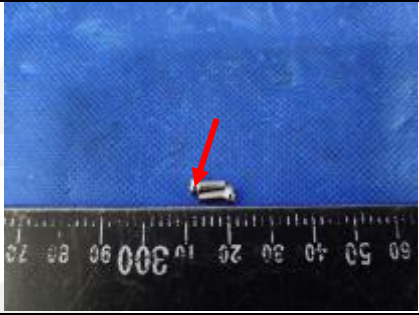
T Number	Sample Number	Tested Material Description	Photo
T177	177	Black electric component	
T178	178	Black electric component	
T179	179	Black electric component	
T180	180	Black electric component	

T Number	Sample Number	Tested Material Description	Photo
T181	181	Brown electric component	
T182	182	Black electric component	
T183	183	Black electric component	
T184	184	Black electric component	

T Number	Sample Number	Tested Material Description	Photo
T185	185	Black electric component	
T186	186	Black electric component	
T187	187	Black electric component	
T188	188	Brown electric component	

T Number	Sample Number	Tested Material Description	Photo
T189	189	Black electric component	
T190	190	Green PCB	
T191	191	White plastic block	
T192	192	Silvery metal block	

T Number	Sample Number	Tested Material Description	Photo
T193	193	Silvery metal block	 A small, rectangular silvery metal block is shown against a blue background. A red arrow points to the block. Below the block is a ruler with markings in millimeters.
T194	194	Silvery metal screw	 A silvery metal screw is shown against a blue background. A red arrow points to the screw. Below the screw is a ruler with markings in millimeters.
T195	195	Silvery metal screw	 A silvery metal screw is shown against a blue background. A red arrow points to the screw. Below the screw is a ruler with markings in millimeters.
T196	196	Silvery metal screw	 A silvery metal screw is shown against a blue background. A red arrow points to the screw. Below the screw is a ruler with markings in millimeters.

T Number	Sample Number	Tested Material Description	Photo
T197	197	Silvery metal nut	
T198	198	Silvery metal screw	
T199	199	Silvery metal screw	

2. TEST RESULT(S)

2.1 SCREENING TEST

Test method: With reference to EN 62321-1:2013, EN IEC 62321-2:2021, EN 62321-3-1:2014 and EN 62321-8:2017. For Heavy Metals and Flame Retardants, analyzed by Energy Dispersive X-ray Fluorescence Spectrometer (XRF); for phthalates, analyzed by Gas Chromatography and Mass Spectrometer (GC-MS).

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
001	BL	BL	BL	BL	BL	BL	BL	BL	BL
002	BL	BL	BL	BL	BL	BL	BL	BL	BL
003	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
004	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
005	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
006	BL	BL	BL	BL	NA	NA	NA	NA	NA
007	BL	BL	BL	BL	BL	BL	BL	BL	BL
008	BL	BL	BL	BL	NA	NA	NA	NA	NA
009	BL	BL	BL	BL	NA	NA	NA	NA	NA
010	BL	BL	BL	BL	NA	NA	NA	NA	NA
011	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
012	BL	BL	BL	BL	BL	BL	BL	BL	BL
013	BL	BL	BL	BL	BL	BL	BL	BL	BL
014	BL	BL	BL	BL	BL	BL	BL	BL	BL
015	BL	BL	BL	BL	BL	BL	BL	BL	BL
016	BL	BL	BL	BL	BL	BL	BL	BL	BL
017	BL	BL	BL	BL	BL	BL	BL	BL	BL
018	BL	BL	BL	BL	BL	BL	BL	BL	BL
019	BL	BL	BL	BL	NA	NA	NA	NA	NA
020	BL	BL	BL	BL	NA	NA	NA	NA	NA
021	BL	BL	BL	BL	BL	BL	BL	BL	BL
022	BL	BL	BL	BL	BL	BL	BL	BL	BL
023	BL	BL	BL	BL	NA	NA	NA	NA	NA
024	BL	BL	BL	BL	BL	BL	BL	BL	BL
025	BL	BL	BL	BL	BL	BL	BL	BL	BL
026	BL	BL	BL	BL	BL	BL	BL	BL	BL



Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
027	BL	BL	BL	BL	NA	NA	NA	NA	NA
028	BL	BL	BL	BL	BL	BL	BL	BL	BL
029	BL	BL	BL	BL	NA	NA	NA	NA	NA
030	BL	BL	BL	BL	BL	BL	BL	BL	BL
031	BL	BL	BL	BL	BL	BL	BL	BL	BL
032	BL	BL	BL	BL	BL	BL	BL	BL	BL
033	BL	BL	BL	BL	BL	BL	BL	BL	BL
034	BL	BL	BL	BL	NA	NA	NA	NA	NA
035	BL	BL	BL	BL	BL	BL	BL	BL	BL
036	BL	BL	BL	BL	NA	NA	NA	NA	NA
037	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
038	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
039	BL	BL	BL	BL	BL	BL	BL	BL	BL
040	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
041	BL	BL	BL	BL	NA	NA	NA	NA	NA
042	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
043	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
044	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
045	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
046	BL	BL	BL	BL	NA	NA	NA	NA	NA
047	BL	BL	BL	BL	BL	BL	BL	BL	BL
048	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
049	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
050	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
051	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
052	BL	BL	BL	BL	NA	NA	NA	NA	NA
053	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
054	BL	BL	BL	OL ^(a)	NA	NA	NA	NA	NA
055	BL	BL	BL	BL	BL	BL	BL	BL	BL
056	BL	BL	BL	BL	NA	NA	NA	NA	NA
057	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL	BL
058	BL	BL	BL	BL	BL	BL	BL	BL	BL



Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
059	BL	BL	BL	BL	BL	BL	BL	BL	BL
060	BL	Inc. ^(a)	BL	BL	BL	BL	BL	BL	BL
061	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
062	BL	BL	BL	BL	BL	BL	BL	BL	BL
063	BL	BL	BL	BL	NA	NA	NA	NA	NA
064	BL	BL	BL	BL	NA	NA	NA	NA	NA
065	BL	BL	BL	BL	NA	NA	NA	NA	NA
066	BL	BL	BL	BL	BL	BL	BL	BL	BL
067	BL	BL	BL	BL	NA	NA	NA	NA	NA
068	BL	BL	BL	BL	BL	BL	BL	BL	BL
069	BL	BL	BL	BL	BL	BL	BL	BL	BL
070	BL	BL	BL	BL	BL	BL	BL	BL	BL
071	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
072	BL	BL	BL	BL	NA	NA	NA	NA	NA
073	BL	BL	BL	BL	BL	BL	BL	BL	BL
074	BL	BL	BL	BL	NA	NA	NA	NA	NA
075	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
076	BL	BL	BL	BL	NA	NA	NA	NA	NA
077	BL	BL	BL	BL	BL	BL	BL	BL	BL
078	BL	BL	BL	BL	BL	BL	BL	BL	BL
079	BL	BL	BL	BL	BL	BL	BL	BL	BL
080	BL	BL	BL	BL	NA	NA	NA	NA	NA
081	BL	BL	BL	BL	BL	BL	BL	BL	BL
082	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
083	BL	BL	BL	BL	BL	BL	BL	BL	BL
084	BL	BL	BL	BL	BL	BL	BL	BL	BL
085	BL	BL	BL	BL	BL	BL	BL	BL	BL
086	BL	BL	BL	BL	BL	BL	BL	BL	BL
087	BL	BL	BL	BL	BL	BL	BL	BL	BL
088	BL	BL	BL	BL	BL	BL	BL	BL	BL
089	BL	BL	BL	BL	NA	NA	NA	NA	NA
090	BL	BL	BL	BL	BL	BL	BL	BL	BL



Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
091	BL	Inc. ^(a)	BL	BL	BL	BL	BL	BL	BL
092	BL	BL	BL	BL	BL	BL	BL	BL	BL
093	BL	BL	BL	BL	BL	BL	BL	BL	BL
094	BL	BL	BL	BL	BL	BL	BL	BL	BL
095	BL	BL	BL	BL	NA	NA	NA	NA	NA
096	BL	BL	BL	BL	BL	BL	BL	BL	BL
097	BL	BL	BL	BL	BL	BL	BL	BL	BL
098	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL	BL
099	BL	BL	BL	BL	BL	BL	BL	BL	BL
100	BL	BL	BL	BL	BL	BL	BL	BL	BL
101	BL	BL	BL	BL	BL	BL	BL	BL	BL
102	BL	BL	BL	BL	BL	BL	BL	BL	BL
103	BL	Inc. ^(a)	BL	BL	BL	BL	BL	BL	BL
104	BL	Inc. ^(a)	BL	BL ^(e)	BL	BL	BL	BL	BL
105	BL	BL	BL	BL ^(e)	BL	BL	BL	BL	BL
106	BL	BL	BL	BL	BL	BL	BL	BL	BL
107	BL	BL	BL	BL	NA	NA	NA	NA	NA
108	BL	BL	BL	BL	BL	BL	BL	BL	BL
109	BL	BL	BL	BL	NA	NA	NA	NA	NA
110	BL	BL	BL	BL	NA	NA	NA	NA	NA
111	BL	BL	BL	BL	BL	BL	BL	BL	BL
112	BL	BL	BL	BL	NA	NA	NA	NA	NA
113	BL	BL	BL	BL	BL	BL	BL	BL	BL
114	BL	BL	BL	BL	NA	NA	NA	NA	NA
115	BL	BL	BL	BL	BL	BL	BL	BL	BL
116	BL	BL	BL	BL	NA	NA	NA	NA	NA
117	BL	BL	BL	BL	BL	BL	BL	BL	BL
118	BL	BL	BL	BL	NA	NA	NA	NA	NA
119	BL	BL	BL	BL	BL	BL	BL	BL	BL
120	BL	BL	BL	BL	BL	BL	BL	BL	BL
121	BL	BL	BL	BL	BL	BL	BL	BL	BL
122	BL	BL	BL	BL	BL	BL	BL	BL	BL



Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
123	BL	BL	BL	BL	BL	BL	BL	BL	BL
124	BL	Inc. ^(a)	BL	Inc. ^(a)	BL	BL	BL	BL	BL
125	BL	BL	BL	BL	BL	BL	BL	BL	BL
126	BL	BL	BL	BL	BL	BL	BL	BL	BL
127	BL	BL	BL	BL ^(e)	BL	BL	BL	BL	BL
128	BL	BL	BL	BL	BL	BL	BL	BL	BL
129	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
130	BL	BL	BL	OL ^(a)	NA	NA	NA	NA	NA
131	BL	BL	BL	BL	NA	NA	NA	NA	NA
132	BL	BL	BL	BL	NA	NA	NA	NA	NA
133	BL	BL	BL	BL	NA	NA	NA	NA	NA
134	BL	BL	BL	BL	BL	BL	BL	BL	BL
135	BL	BL	BL	BL	NA	NA	NA	NA	NA
136	BL	BL	BL	BL	BL	BL	BL	BL	BL
137	BL	BL	BL	BL	NA	NA	NA	NA	NA
138	BL	BL	BL	BL	NA	NA	NA	NA	NA
139	BL	BL	BL	BL	BL	BL	BL	BL	BL
140	BL	BL	BL	BL	BL	BL	BL	BL	BL
141	BL	BL	BL	BL	BL	BL	BL	BL	BL
142	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
143	BL	BL	BL	BL	NA	NA	NA	NA	NA
144	BL	BL	BL	BL	NA	NA	NA	NA	NA
145	BL	BL	BL	BL	NA	NA	NA	NA	NA
146	BL	BL	BL	BL	NA	NA	NA	NA	NA
147	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
148	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
149	BL	BL	BL	BL	BL	BL	BL	BL	BL
150	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
151	BL	BL	BL	BL	NA	NA	NA	NA	NA
152	BL	BL	BL	BL	NA	NA	NA	NA	NA
153	BL	BL	BL	BL	NA	NA	NA	NA	NA
154	BL	BL	BL	BL	NA	NA	NA	NA	NA



Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
155	BL	BL	BL	BL	BL	BL	BL	BL	BL
156	BL	BL	BL	Inc. ^(a)	NA	NA	NA	NA	NA
157	BL	BL	BL	BL	BL	BL	BL	BL	BL
158	BL	BL	BL	BL	BL	BL	BL	BL	BL
159	BL	BL	BL	BL	NA	NA	NA	NA	NA
160	BL	BL	BL	BL	NA	NA	NA	NA	NA
161	BL	BL	BL	BL	BL	BL	BL	BL	BL
162	BL	BL	BL	BL	BL	BL	BL	BL	BL
163	BL	BL	BL	BL	BL	BL	BL	BL	BL
164	BL	BL	BL	BL	NA	NA	NA	NA	NA
165	BL	BL	BL	BL	BL	BL	BL	BL	BL
166	BL	BL	BL	BL	BL	BL	BL	BL	BL
167	BL	BL	BL	BL	BL	BL	BL	BL	BL
168	BL	BL	BL	BL	BL	BL	BL	BL	BL
169	BL	BL	BL	BL	BL	BL	BL	BL	BL
170	BL	BL	BL	BL	BL	BL	BL	BL	BL
171	BL	BL	BL	BL	BL	BL	BL	BL	BL
172	BL	BL	BL	BL	BL	BL	BL	BL	BL
173	BL	BL	BL	BL	BL	BL	BL	BL	BL
174	BL	BL	BL	BL	BL	BL	BL	BL	BL
175	BL	BL	BL	BL	BL	BL	BL	BL	BL
176	BL	BL	BL	BL	BL	BL	BL	BL	BL
177	BL	BL	BL	BL	BL	BL	BL	BL	BL
178	BL	BL	BL	BL ^(e)	BL	BL	BL	BL	BL
179	BL	BL	BL	BL	BL	BL	BL	BL	BL
180	BL	BL	BL	BL	BL	BL	BL	BL	BL
181	BL	BL	BL	BL	BL	BL	BL	BL	BL
182	BL	BL	BL	BL ^(e)	BL	BL	BL	BL	BL
183	BL	BL	BL	BL	BL	BL	BL	BL	BL
184	BL	BL	BL	BL	BL	BL	BL	BL	BL
185	BL	BL	BL	BL	BL	BL	BL	BL	BL
186	BL	Inc. ^(a)	BL	BL	BL	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
187	BL	BL	BL	BL ^(e)	BL	BL	BL	BL	BL
188	BL	BL	BL	BL	BL	BL	BL	BL	BL
189	BL	Inc. ^(a)	BL	BL ^(e)	BL	BL	BL	BL	BL
190	BL	BL	BL	BL	Inc. ^(a)	BL	BL	BL	BL
191	BL	BL	BL	BL	BL	BL	BL	BL	BL
192	BL	BL	BL	BL	NA	NA	NA	NA	NA
193	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
194	BL	BL	BL	BL	NA	NA	NA	NA	NA
195	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
196	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA
197	BL	BL	BL	BL	NA	NA	NA	NA	NA
198	BL	BL	BL	BL	NA	NA	NA	NA	NA
199	BL	Inc. ^(a)	BL	BL	NA	NA	NA	NA	NA

Note:

- "BL" denotes below limit
- "OL" denotes over limit
- "Inc." denotes inconclusive
- "NA" denotes not applicable
- "(a)" denotes further confirmation test was conducted, results are listed in 2.2, 2.3 and 2.4.
- Disclaimer for the exemption applied in this report: The decision was based on the latest Exemptions list - validity and rolling plan September 2025 found under https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive/implementation-rohs-directive_en on September 16th 2025. A final decision on the exemption could end the exemption within a certain period of time and require changes to the products tested
- "(e)" denotes the exempt item according to DIRECTIVE 2011/65/EU Annex III item 7(c)-I "Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound"

-XRF screening limits in mg/kg for regulated elements in various matrices

ELEMENT	POLYMER		
	BL	INCONCLUSIVE	OL
Cd	$X \leq (70-3\sigma)$	$(70-3\sigma) < X < (130+3\sigma)$	$X \geq (130+3\sigma)$
Pb	$X \leq (700-3\sigma)$	$(700-3\sigma) < X < (1300+3\sigma)$	$X \geq (1300+3\sigma)$
Hg	$X \leq (700-3\sigma)$	$(700-3\sigma) < X < (1300+3\sigma)$	$X \geq (1300+3\sigma)$
Br	$X \leq (300-3\sigma)$	$X > (300-3\sigma)$	NA



Cr	$X \leq (700-3\sigma)$	$X > (700-3\sigma)$	NA
ELEMENT	METAL		
	BL	INCONCLUSIVE	OL
Cd	$X \leq (70-3\sigma)$	$(70-3\sigma) < X < (130+3\sigma)$	$X \geq (130+3\sigma)$
Pb	$X \leq (700-3\sigma)$	$(700-3\sigma) < X < (1300+3\sigma)$	$X \geq (1300+3\sigma)$
Hg	$X \leq (700-3\sigma)$	$(700-3\sigma) < X < (1300+3\sigma)$	$X \geq (1300+3\sigma)$
Cr	$X \leq (700-3\sigma)$	$X > (700-3\sigma)$	NA
ELEMENT	COMPLEX MATERIAL		
	BL	INCONCLUSIVE	OL
Cd	$X \leq (50-3\sigma)$	$(50-3\sigma) < X < (150+3\sigma)$	$X \geq (150+3\sigma)$
Pb	$X \leq (500-3\sigma)$	$(500-3\sigma) < X < (1500+3\sigma)$	$X \geq (1500+3\sigma)$
Hg	$X \leq (500-3\sigma)$	$(500-3\sigma) < X < (1500+3\sigma)$	$X \geq (1500+3\sigma)$
Br	$X \leq (250-3\sigma)$	$X > (250-3\sigma)$	NA
Cr	$X \leq (500-3\sigma)$	$X > (500-3\sigma)$	NA

-Screening limits in mg/kg for regulated phthalates in various matrices

PHthalATES	BL	INCONCLUSIVE
DEHP	$X < 600$	$X \geq 600$
BBP	$X < 600$	$X \geq 600$
DBP	$X < 600$	$X \geq 600$
DIBP	$X < 600$	$X \geq 600$



2.2 HEAVY METAL CONTENT

Test method: With reference to EN 62321-4:2014 /A1:2017, EN 62321-5:2014, EN 62321-7-1:2015 and EN 62321-7-2:2017, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) and Ultraviolet-visible spectrophotometer (UV-Vis).

[Reporting Limit: 2.0 mg/kg for Cadmium; 5.0 mg/kg or 0.10 ug/cm² for Hexavalent Chromium, 10.0 mg/kg for Lead and Mercury.]

Sample No.	Result(s)				
	Total Cadmium	Hexavalent Chromium	Hexavalent Chromium	Total Mercury	Total Lead
005	--	/	Negative	--	--
040	--	/	Negative	--	--
042	--	/	Negative	--	--
043	--	/	Negative	--	--
044	--	/	Negative	--	--
045	--	/	Negative	--	--
048	--	/	Negative	--	--
049	--	/	Negative	--	--
050	--	/	Negative	--	--
053	--	/	Negative	--	--
054	--	--	--	--	28784.4 ^(c)
057	--	--	--	--	10.3
060	--	<5.0	/	--	--
075	--	/	Negative	--	--
091	--	<5.0	/	--	--
098	--	--	--	--	<10.0
103	--	<5.0	/	--	--
104	--	<5.0	/	--	--
124	--	<5.0	/	--	<10.0
130	--	--	--	--	23556.0 ^(c)
156	--	--	--	--	11.9

186	--	<5.0	/	--	--
189	--	<5.0	/	--	--
193	--	/	Negative	--	--
195	--	/	Negative	--	--
196	--	/	Negative	--	--
199	--	/	Negative	--	--
Unit	mg/kg	mg/kg	µg/cm ²	mg/kg	mg/kg
RoHS Requirement	100	1000	Negative [#]	1000	1000

Note:

- "mg/kg" denotes milligram per kilogram
- "µg/cm²" denotes micrograms per square centimeter
- "Positive" denotes the absorbance value of sample is > 0.13 µg/cm², the sample is considered to be positive for Hexavalent Chromium.
- "Inconclusive" denotes the absorbance value of sample is ≥ 0.10 µg/cm² and ≤ 0.13 µg/cm², the sample is considered to be Inconclusive for Hexavalent Chromium.
- "Negative" denotes the absorbance value of sample is < 0.10 µg/cm², the sample is considered to be negative for Hexavalent Chromium.
- "[#]" According to DIRECTIVE 2011/65/EU Article 4(1) and Annex II. While, positive means the presence of CrVI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1) and Annex II.
- "--" denotes tested by XRF, result is listed in 2.1
- Disclaimer for the exemption applied in this report: The decision was based on the latest Exemptions list - validity and rolling plan September 2025 found under https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive/implementation-rohs-directive_en on September 16th 2025. A final decision on the exemption could end the exemption within a certain period of time and require changes to the products tested
- "(c)" denotes the exempt item according to DIRECTIVE 2011/65/EU Annex III item 6(c) "Copper alloy containing up to 4 % lead by weight".

2.3 POLYBROMINATED BIPHENYLS (PBBs) AND POLYBROMINATED DIPHENYL ETHERS (PBDEs) CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometer (GC-MS). [Reporting Limit : 5 mg/kg]

Test Item		Result(s) [mg/kg]		RoHS Requirement [mg/kg]
		Sample 003	Sample 004	
PBBs	Monobromobiphenyl	<5	<5	-
	Dibromobiphenyl	<5	<5	-
	Tribromobiphenyl	<5	<5	-
	Tetrabromobiphenyl	<5	<5	-
	Pentabromobiphenyl	<5	<5	-
	Hexabromobiphenyl	<5	<5	-
	Heptabromobiphenyl	<5	<5	-
	Octabromobiphenyl	<5	<5	-
	Nonabromobiphenyl	<5	<5	-
	Decabromobiphenyl	<5	<5	-
	Sum of detected PBBs	<50	<50	<1000
PBDEs	Monobromodiphenyl ether	<5	<5	-
	Dibromodiphenyl ether	<5	<5	-
	Tribromodiphenyl ether	<5	<5	-
	Tetrabromodiphenyl ether	<5	<5	-
	Pentabromodiphenyl ether	<5	<5	-
	Hexabromodiphenyl ether	<5	<5	-
	Heptabromodiphenyl ether	<5	<5	-
	Octabromodiphenyl ether	<5	<5	-
	Nonabromodiphenyl ether	<5	<5	-
	Decabromodiphenyl ether	<5	<5	-
	Sum of detected PBDEs	<50	<50	<1000

Note:

- "mg/kg" denotes milligram per kilogram

2.3 POLYBROMINATED BIPHENYLS (PBBs) AND POLYBROMINATED DIPHENYL ETHERS (PBDEs) CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometer (GC-MS). [Reporting Limit : 5 mg/kg]

Test Item		Result(s) [mg/kg]		RoHS Requirement [mg/kg]
		Sample 011	Sample 037	
PBBs	Monobromobiphenyl	<5	<5	-
	Dibromobiphenyl	<5	<5	-
	Tribromobiphenyl	<5	<5	-
	Tetrabromobiphenyl	<5	<5	-
	Pentabromobiphenyl	<5	<5	-
	Hexabromobiphenyl	<5	<5	-
	Heptabromobiphenyl	<5	<5	-
	Octabromobiphenyl	<5	<5	-
	Nonabromobiphenyl	<5	<5	-
	Decabromobiphenyl	<5	<5	-
	Sum of detected PBBs	<50	<50	<1000
PBDEs	Monobromodiphenyl ether	<5	<5	-
	Dibromodiphenyl ether	<5	<5	-
	Tribromodiphenyl ether	<5	<5	-
	Tetrabromodiphenyl ether	<5	<5	-
	Pentabromodiphenyl ether	<5	<5	-
	Hexabromodiphenyl ether	<5	<5	-
	Heptabromodiphenyl ether	<5	<5	-
	Octabromodiphenyl ether	<5	<5	-
	Nonabromodiphenyl ether	<5	<5	-
	Decabromodiphenyl ether	<5	<5	-
	Sum of detected PBDEs	<50	<50	<1000

Note:

- "mg/kg" denotes milligram per kilogram

2.3 POLYBROMINATED BIPHENYLS (PBBs) AND POLYBROMINATED DIPHENYL ETHERS (PBDEs) CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometer (GC-MS). [Reporting Limit : 5 mg/kg]

Test Item		Result(s) [mg/kg]		RoHS Requirement [mg/kg]
		Sample 038	Sample 051	
PBBs	Monobromobiphenyl	<5	<5	-
	Dibromobiphenyl	<5	<5	-
	Tribromobiphenyl	<5	<5	-
	Tetrabromobiphenyl	<5	<5	-
	Pentabromobiphenyl	<5	<5	-
	Hexabromobiphenyl	<5	<5	-
	Heptabromobiphenyl	<5	<5	-
	Octabromobiphenyl	<5	<5	-
	Nonabromobiphenyl	<5	<5	-
	Decabromobiphenyl	<5	<5	-
	Sum of detected PBBs	<50	<50	<1000
PBDEs	Monobromodiphenyl ether	<5	<5	-
	Dibromodiphenyl ether	<5	<5	-
	Tribromodiphenyl ether	<5	<5	-
	Tetrabromodiphenyl ether	<5	<5	-
	Pentabromodiphenyl ether	<5	<5	-
	Hexabromodiphenyl ether	<5	<5	-
	Heptabromodiphenyl ether	<5	<5	-
	Octabromodiphenyl ether	<5	<5	-
	Nonabromodiphenyl ether	<5	<5	-
	Decabromodiphenyl ether	<5	<5	-
	Sum of detected PBDEs	<50	<50	<1000

Note:

- "mg/kg" denotes milligram per kilogram

2.3 POLYBROMINATED BIPHENYLS (PBBs) AND POLYBROMINATED DIPHENYL ETHERS (PBDEs) CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometer (GC-MS). [Reporting Limit : 5 mg/kg]

Test Item		Result(s) [mg/kg]		RoHS Requirement [mg/kg]
		Sample 061	Sample 071	
PBBs	Monobromobiphenyl	<5	<5	-
	Dibromobiphenyl	<5	<5	-
	Tribromobiphenyl	<5	<5	-
	Tetrabromobiphenyl	<5	<5	-
	Pentabromobiphenyl	<5	<5	-
	Hexabromobiphenyl	<5	<5	-
	Heptabromobiphenyl	<5	<5	-
	Octabromobiphenyl	<5	<5	-
	Nonabromobiphenyl	<5	<5	-
	Decabromobiphenyl	<5	<5	-
	Sum of detected PBBs	<50	<50	<1000
PBDEs	Monobromodiphenyl ether	<5	<5	-
	Dibromodiphenyl ether	<5	<5	-
	Tribromodiphenyl ether	<5	<5	-
	Tetrabromodiphenyl ether	<5	<5	-
	Pentabromodiphenyl ether	<5	<5	-
	Hexabromodiphenyl ether	<5	<5	-
	Heptabromodiphenyl ether	<5	<5	-
	Octabromodiphenyl ether	<5	<5	-
	Nonabromodiphenyl ether	<5	<5	-
	Decabromodiphenyl ether	<5	<5	-
	Sum of detected PBDEs	<50	<50	<1000

Note:

- "mg/kg" denotes milligram per kilogram

2.3 POLYBROMINATED BIPHENYLS (PBBs) AND POLYBROMINATED DIPHENYL ETHERS (PBDEs) CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometer (GC-MS). [Reporting Limit : 5 mg/kg]

Test Item		Result(s) [mg/kg]		RoHS Requirement [mg/kg]
		Sample 082	Sample 129	
PBBs	Monobromobiphenyl	<5	<5	-
	Dibromobiphenyl	<5	<5	-
	Tribromobiphenyl	<5	<5	-
	Tetrabromobiphenyl	<5	<5	-
	Pentabromobiphenyl	<5	<5	-
	Hexabromobiphenyl	<5	<5	-
	Heptabromobiphenyl	<5	<5	-
	Octabromobiphenyl	<5	<5	-
	Nonabromobiphenyl	<5	<5	-
	Decabromobiphenyl	<5	<5	-
	Sum of detected PBBs	<50	<50	<1000
PBDEs	Monobromodiphenyl ether	<5	<5	-
	Dibromodiphenyl ether	<5	<5	-
	Tribromodiphenyl ether	<5	<5	-
	Tetrabromodiphenyl ether	<5	<5	-
	Pentabromodiphenyl ether	<5	<5	-
	Hexabromodiphenyl ether	<5	<5	-
	Heptabromodiphenyl ether	<5	<5	-
	Octabromodiphenyl ether	<5	<5	-
	Nonabromodiphenyl ether	<5	<5	-
	Decabromodiphenyl ether	<5	<5	-
	Sum of detected PBDEs	<50	<50	<1000

Note:

- "mg/kg" denotes milligram per kilogram

2.3 POLYBROMINATED BIPHENYLS (PBBs) AND POLYBROMINATED DIPHENYL ETHERS (PBDEs) CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometer (GC-MS). [Reporting Limit : 5 mg/kg]

Test Item		Result(s) [mg/kg]		RoHS Requirement [mg/kg]
		Sample 142	Sample 147	
PBBs	Monobromobiphenyl	<5	<5	-
	Dibromobiphenyl	<5	<5	-
	Tribromobiphenyl	<5	<5	-
	Tetrabromobiphenyl	<5	<5	-
	Pentabromobiphenyl	<5	<5	-
	Hexabromobiphenyl	<5	<5	-
	Heptabromobiphenyl	<5	<5	-
	Octabromobiphenyl	<5	<5	-
	Nonabromobiphenyl	<5	<5	-
	Decabromobiphenyl	<5	<5	-
	Sum of detected PBBs	<50	<50	<1000
PBDEs	Monobromodiphenyl ether	<5	<5	-
	Dibromodiphenyl ether	<5	<5	-
	Tribromodiphenyl ether	<5	<5	-
	Tetrabromodiphenyl ether	<5	<5	-
	Pentabromodiphenyl ether	<5	<5	-
	Hexabromodiphenyl ether	<5	<5	-
	Heptabromodiphenyl ether	<5	<5	-
	Octabromodiphenyl ether	<5	<5	-
	Nonabromodiphenyl ether	<5	<5	-
	Decabromodiphenyl ether	<5	<5	-
	Sum of detected PBDEs	<50	<50	<1000

Note:

- "mg/kg" denotes milligram per kilogram

2.3 POLYBROMINATED BIPHENYLS (PBBs) AND POLYBROMINATED DIPHENYL ETHERS (PBDEs) CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometer (GC-MS). [Reporting Limit : 5 mg/kg]

Test Item		Result(s) [mg/kg]		RoHS Requirement [mg/kg]
		Sample 148	Sample 150	
PBBs	Monobromobiphenyl	<5	<5	-
	Dibromobiphenyl	<5	<5	-
	Tribromobiphenyl	<5	<5	-
	Tetrabromobiphenyl	<5	<5	-
	Pentabromobiphenyl	<5	<5	-
	Hexabromobiphenyl	<5	<5	-
	Heptabromobiphenyl	<5	<5	-
	Octabromobiphenyl	<5	<5	-
	Nonabromobiphenyl	<5	<5	-
	Decabromobiphenyl	<5	<5	-
	Sum of detected PBBs	<50	<50	<1000
PBDEs	Monobromodiphenyl ether	<5	<5	-
	Dibromodiphenyl ether	<5	<5	-
	Tribromodiphenyl ether	<5	<5	-
	Tetrabromodiphenyl ether	<5	<5	-
	Pentabromodiphenyl ether	<5	<5	-
	Hexabromodiphenyl ether	<5	<5	-
	Heptabromodiphenyl ether	<5	<5	-
	Octabromodiphenyl ether	<5	<5	-
	Nonabromodiphenyl ether	<5	<5	-
	Decabromodiphenyl ether	<5	<5	-
	Sum of detected PBDEs	<50	<50	<1000

Note:

- "mg/kg" denotes milligram per kilogram

2.3 POLYBROMINATED BIPHENYLS (PBBs) AND POLYBROMINATED DIPHENYL ETHERS (PBDEs) CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometer (GC-MS). [Reporting Limit : 5 mg/kg]

Test Item		Result(s) [mg/kg]	RoHS Requirement [mg/kg]
		Sample 190	
PBBs	Monobromobiphenyl	<5	-
	Dibromobiphenyl	<5	-
	Tribromobiphenyl	<5	-
	Tetrabromobiphenyl	<5	-
	Pentabromobiphenyl	<5	-
	Hexabromobiphenyl	<5	-
	Heptabromobiphenyl	<5	-
	Octabromobiphenyl	<5	-
	Nonabromobiphenyl	<5	-
	Decabromobiphenyl	<5	-
	Sum of detected PBBs	<50	<1000
PBDEs	Monobromodiphenyl ether	<5	-
	Dibromodiphenyl ether	<5	-
	Tribromodiphenyl ether	<5	-
	Tetrabromodiphenyl ether	<5	-
	Pentabromodiphenyl ether	<5	-
	Hexabromodiphenyl ether	<5	-
	Heptabromodiphenyl ether	<5	-
	Octabromodiphenyl ether	<5	-
	Nonabromodiphenyl ether	<5	-
	Decabromodiphenyl ether	<5	-
	Sum of detected PBDEs	<50	<1000

Note:

- "mg/kg" denotes milligram per kilogram

APPENDIX I:**RoHS requirement according to directive 2011/65/EU and its amendment (EU) 2015/863:**

Restricted Substances	Limits
Cadmium (Cd)	0.01% (100 mg/kg)
Hexavalent Chromium (Cr6+)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Lead (Pb)	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) each

Test Standards and Reporting limits:

Reference Standards	Testing Items	Analytical instrument	Reporting Limit
EN 62321-1:2013 (IEC 62321-1:2013)	Introduction and overview	---	---
EN IEC 62321-2:2021 (IEC 62321-2:2021)	Disassembly, disjointment and mechanical sample preparation	---	---
EN 62321-3-1: 2014 (IEC 62321-3-1: 2013)	Cadmium (Cd), total Chromium (Cr), Mercury (Hg), Lead (Pb), Bromine (Br)	Energy Dispersive X-ray Fluorescence Spectrometers (XRF)	---
EN 62321-4:2014 /A1:2017 (IEC 62321-4:2013/A1:2017)	Mercury (Hg)	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)	10 mg/kg
EN 62321-5:2014 (IEC 62321-5:2013)	Cadmium (Cd)	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)	2 mg/kg
	Total Chromium (Cr), Mercury (Hg), Lead (Pb)		10 mg/kg
EN 62321-6:2015 (IEC 62321-6:2015)	Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)	Gas Chromatography and Mass Spectrometry (GC-MS)	5 mg/kg
EN 62321-7-1: 2015 (IEC 62321-7-1:2015)	Hexavalent Chromium (Cr6+)	Ultraviolet-visible spectrophotometer (UV-Vis)	0.10 µg/cm²
EN 62321-7-2: 2017 (IEC 62321-7-2:2017)	Hexavalent Chromium (Cr6+)		5 mg/kg
EN 62321-8:2017 (IEC 62321-8:2017)	Phthalates (DEHP, BBP, DBP, DIBP)	Gas Chromatography and Mass Spectrometry (GC-MS)	50 mg/kg

Test Report No.: 70.400.25.2752.01-00.01

Rev.: 00

Dated: 2025-11-25



APPENDIX II:

Photos of submitted products



Product Name: AC Servo Driver (Model No.: BD3E-0122AAP2)

Additional Model:

The client declared that the materials used of below styles are same as tested style BD3E-0122AAP2.

BD3E-1D62AAP2, BD3 E-2D82AAP2, BD3E-5D52AAP2, BE3E-7D62AAP, BD3E-7D62AAP2, BD3E-0122AAP, BD3E-0122AAP2, BD3E-3D54DAP2, BD3E-5D44DAP2, BD3E-8D44DAP 2, BD3E-0124DAP2

Remark :

1. The report covers material testing on specified samples
2. The tested materials covered by the report were declared by the manufacturer to be used on the models listed in the APPENDIX of the report.

-----End of Report-----

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1. General Information and Definitions

- (1.1) In the event that an order for any services is placed, the Client shall accept the General Terms and Conditions. The General Terms and Conditions shall be applicable to all orders, resulting contracts and other arrangements, including all offers made or services provided by the Company or any of its affiliated companies. They are not applicable if and as far as they are in conflict with the regulations on services performed on behalf of governments, government bodies or any other public entity, or they are in conflict with mandatory provisions of local law. The Client's placement of orders as well as the conclusion of contracts with the Company shall be regarded as awareness and acceptance of these General Terms and Conditions.
- (1.2) The Company strongly recommends any Client or potential Client to read the full text of these General Terms and Conditions prior to placement of any order to or conclusion of any contract with the Company. Ancillary agreements, promises and other statements made on the part of the Company staff or the experts called upon by them shall be binding only if they are expressly confirmed by the Company in writing. This shall also apply to any modifications of this clause.

2. Provision of Services

- (2.1) With due care and skill, the Company will provide services according to Client's specific instructions as made available by the Client. In the absence of Client's specific instructions, the following is deemed as instructions given to the Company:
- (a) The terms of any standard specification sheet or standard order form provided by the Company; and/or
 - (b) Any relevant usage, practice or trade custom; and/or
 - (c) Such methods the Company considers technically, operationally and/or on financial grounds appropriate.
- (2.2) No other party is entitled to give any instructions particularly on the scope and type of the services or the reports delivered, or on the resulting certificates (the "Reports of Findings"), unless the Company receives prior written instructions to the contrary from the Client. The Client hereby irrevocably authorizes the Company to deliver Reports of Findings to a third party where so instructed by the Client or, at the Company's discretion, where it implicitly follows from circumstances, trade custom, usage or practice.
- (2.3) The Information stated in the Report of Findings is derived from the results of inspection or testing procedures carried out in accordance with the instructions and/or Company's assessment of such results on the basis of any technical standards, trade custom or practice, or other circumstances which should in Company's professional experience be taken into account.
- (2.4) Reports of Findings issued after the testing of samples refer the Company's opinion only on samples under testing and not to the lot from which the samples were drawn.
- (2.5) Client agrees that the Company's sole responsibility is to be present at the time of the third party's intervention and to forward the results, or confirm the occurrence of the intervention, in case Client requests the Company to witness any third party's intervention. Client agrees that the Company will use the test methods for analysis as requested in the request form, and if none is stated in the form, the Company will choose the appropriate test methods for analysis.
- (2.6) The Reports of Findings issued by the Company will reflect the facts as recorded by it at the time of its intervention only and within the limits of the instructions received or, in the absence of such instructions, within the limits of the alternative parameters applied as provided for in Clause 2.1. The Company is under no obligation to refer to, or report upon, any facts or circumstances, which are outside the specific instructions received or alternative parameters applied.
- (2.7) The performance of all or part of the services may be delegated to an agent or subcontractor by the Company. The Client authorizes the Company to disclose all information necessary for such performance to the agent or subcontractor.
- (2.8) Documents reflecting engagements contracted between the Client and third parties or third party documents, e.g. sales contract copies, letters of credit, bills of lading, etc. should be made available to the Company. These are considered to be for information only, and do not extend or restrict the scope of the services or the obligations accepted by the Company.
- (2.9) The Company agrees that, by providing the services to the Client, it neither takes the place of Client or any third party, nor otherwise assumes, abridges, abrogates or undertakes to discharge any duty of the Client to any third party or that of any third party to the Client. Also, it does not release the Client or any third party from any of their obligations.
- (2.10) Depending on the nature of each sample, all samples given to the Company shall be retained for a maximum of 3 months or for such other shorter time period as the nature of the sample permits, and then sent back to Client or otherwise disposed of at the Company's discretion. After that time the Company will not be responsible for the samples. Storage of samples for more than 3 months shall incur a storage fee payable by the Client. If samples are returned to the Client, the Client will be billed a handling and freight fees. Special disposal charges will be billed to the Client if incurred.

3. Client's Obligations

- The Client shall:
- (3.1) ensure that all required supporting documents, information and instructions as submitted are accurate, truthful and complete. These information are to be submitted in a timely manner not later than 2 working days from the date of which the services are requested by the Client
 - (3.2) ensure to give all necessary access for the Company's representatives to the premises where the services are to be performed and to take all necessary steps to eliminate or remedy any obstacles to, or interruptions in the performance of the services;
 - (3.3) make available any special equipment and personnel necessary for the performance of the services, if required;
 - (3.4) ensure that for the safety and security of working conditions, sites and installations, all necessary measures are taken during the performance of services. In this respect, the Client will not rely on the Company's advice whether required or not;
 - (3.5) inform the Company of any known hazards or dangers, actual or potential, associated with any order, samples, testing or any other service rendered by the Company well in advance. Those are, but are not limited to the presence or risk of radiation, environmental pollution or poisons-toxic or noxious or explosive elements or materials;
 - (3.6) fully exercise all its rights and discharge all its liabilities under any relevant sales or other contract with a third party.

4. Fees and Payment

- (4.1) All Fees not agreed on between the Company and Client at the time the order is placed or a contract is concluded shall be determined by the Company's Schedule of Fees (which are subject to change). All applicable taxes shall be paid by Client, as far as mandatory laws do not provide otherwise.
- (4.2) Unless a specific period is established in the invoice, the Client shall pay upon receiving the invoice, but not later than 30 days from the relevant invoice date or within such other period as may be established by the Company in the invoice (the "Due Date").
- (4.3) The Client shall not be entitled to retain or defer due payment of any sums to the Company on account of any dispute, counter claim or set-off against the Company. The Company reserves the right to retain or defer any due payments if any dispute arises with or it raises any counterclaim against the Client. The Company is entitled to set off due payments against payments of the Client.

- (4.4) For the collection of unpaid fees, the Company may decide to bring action in any court with competent jurisdiction. The corresponding collection costs, including attorney's fees and related costs, shall be borne by the Client, as far as the mandatory local law does not provide otherwise.
- (4.5) In case of any unforeseen problems or expenses arise while carrying out the services, the Company informs the Client. In such cases, the Company shall be entitled to charge additional fees to cover extra time and to invoice extra costs necessarily incurred to complete the services.
- (4.6) If the Company is unable to perform all or parts of the services for any cause whatsoever beyond the Company's control, including the failure by Client to comply with any of its obligations provided for in the foregoing Clause 3, the Company shall nevertheless be entitled to payments of:
 - (1) The amount of all non-refundable expenses incurred by the Company; and
 - (2) A proportion of the agreed fee equal to the proportion of the services actually carried out.

5. Suspension or Termination of Services

In any case mentioned below, the Company shall be entitled to either suspend or terminate the provision of the services immediately and without any liability:

- (5.1) Failure by the Client to comply with any of its obligations under these General Terms and Conditions and such failure is not remedied within 10 days after a notice of such failure has been delivered to the Client; or
- (5.2) Any suspension of payment, arrangement with creditors, bankruptcy, insolvency, receivership or cessation of business by Client.

6. Liability and Indemnification

- (6.1) Limitation of Liability.
- (1) Clients seeking a guarantee against loss or damage should obtain appropriate insurance. The Company is neither an insurer nor a guarantor and disclaims all liability in such capacity.
 - (2) Reports of Findings are issued on the basis of the information, documents and/or samples provided by, or on behalf of the Client and solely for the benefit of the Client who is obliged to act on the basis of such Reports of Findings. Neither the Company nor any of its staff, agents or subcontractors shall be liable to the Client nor to any third party for any actions taken or not taken on the basis of such Reports of Findings, or for any incorrect results arising from unclear, erroneous, incomplete, misleading or false information provided to the Company.
 - (3) For any delayed, total or partial non-performance of the services arising directly or indirectly from any event beyond the Company's control, including failure by Client to comply with any of its obligations hereunder, the Company shall not be liable.
 - (4) The liability of the Company in respect of any claim for loss, damage or expense of any nature and howsoever arising shall in no circumstances exceed a total aggregate sum equal to 10 times the amount of the fee paid in respect of the specific service which gives rise to such claim, and shall in any case not exceed the equivalent of 25,000 EUR in CNY.
 - (5) For any indirect or consequential loss (including loss of profits), the Company shall not have any liabilities.
 - (6) In case of any claim, the Client must give written notice to the Company within 30 days of discovery of the facts with all necessary documents to justify such claim. In any case, the Company shall be discharged from all liability for all claims for loss, damage or expense unless a lawsuit is brought within two years from:
 - (i) the performance date of the Company for its services which refers to the claim; or
 - (ii) the date when the service should have been completed in the event of any alleged non-performance.
- (6.2) Indemnification. Against all claims (actual or threatened) by any third party for loss, damage or expenses of whatsoever nature including all legal expenses and related costs and howsoever arising relating to the performance, purported performance or non-performance of any services, the Client shall guarantee, hold harmless and indemnify the Company and its officers, employees, agents or subcontractors.

7. Obligation of Confidentiality, Copyright, Data Privacy Protection

- (7.1) The Company shall be authorized to make file copies of written documents, which have been made available to it for review and which are important for processing the order.
- (7.2) Insofar as Reports of Findings are prepared in the course of processing the order and which are subject to the protection of copyright, then the Company shall grant the Client a simple, non-transferable right to use, insofar as this is necessary and in accordance with the contractually presupposed purpose. Other rights shall not be transferred; in particular, the customer shall not be entitled to modify and/or edit audit reports or to make use of such outside of his business premises.
- (7.3) The Company and its staff which may be called in shall not disclose or use trade and business matters about which they have gained knowledge during the performance of their work without proper authorization, or unless instructed by a court or authorized body (e.g. regulatory authority, accreditation body or certification scheme owner) or otherwise legally required.

8. Miscellaneous

- (8.1) The validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired, even if any one or more provisions of these General Conditions are found to be illegal or unenforceable in any respect.
- (8.2) Client shall not directly or indirectly entice, encourage or make any offer to Company's employees to leave their employment with the Company, during the course of providing the services and for a period of one year thereafter.
- (8.3) Use of the Company's corporate name or registered marks for advertising purposes is not permitted without the Company's prior written authorization.

9. Governing Law, Jurisdiction and Dispute Settlement

- (9.1) Unless specifically agreed otherwise, all disputes arising out of or in connection with contractual relationship(s) hereunder shall be governed by the applicable laws and regulations of the People's Republic of China.
- (9.2) Place of performance for any obligation arising out of this contract shall be Shanghai, the Place of the TÜV SÜD Certification and Testing (China) Co., Ltd., Shanghai branch, unless otherwise expressly agreed by the parties.

10. Languages

In the event of any discrepancy between the English and the Chinese version of these General Terms and Conditions, the English version shall prevail.