

Verification Report No.: TAOEC25004091101 **Date:** Jun 12, 2025 Page 1 of 22

Client Name: JIANGSU SANJO INTELLIGENT TECHNOLOGY CO., LTD.
Client Address: NO. 8, JINGUAZI ROAD, NANDU TOWN, LIYANG CITY, JIANGSU PROVINCE, CHINA

Sample Name: RV WATERLESS PACKING TOILET
Tested Basic Model No.: 3J-WPT-01

The above sample(s) and information were provided by the client.

SGS Job No.: SHP25-014181
Sample Receiving Date: May 16, 2025
Verification Period: May 16, 2025 ~ Jun 09, 2025
Verification Requested: With reference to RoHS Directive (EU) 2015/863 amending 2011/65/EU.
Verification Method(s): Please refer to next page(s).
Verification Result(s): Please refer to next page(s).

Test Result Summary:

Test Items	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

Justin Zhang

Justin Zhang
Approved Signatory

Scan to see the report



544CB975



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Photo of Submitted Sample



Verification Method(s):

1. With reference to IEC 62321-2:2021, disassembly and disjointment were performed for the submitted samples.
2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report.
 - (1) With reference to IEC 62321-3-1:2013, screening by EDXRF spectroscopy.
 - (2) Wet chemical test method: With reference to IEC 62321-4:2013+A1:2017, IEC62321-5:2013, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-12:2023, IEC 62321-6:2015 and IEC62321-8:2017 , analyzed by ICP-OES,UV-Vis and GC-MS.



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Verification Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	TAO25-0040911-0001.C001	Gray rubber
SN2	A3	TAO25-0040911-0001.C003	White plastic
SN3	A4	TAO25-0040911-0001.C004	White rubber
SN4	A5	TAO25-0040911-0001.C005	Gray plastic
SN5	A6	TAO25-0040911-0001.C006	White plastic
SN6	A7	TAO25-0040911-0001.C007	Gray plastic
SN7	A8	TAO25-0040911-0001.C008	Black plastic
SN8	A9	TAO25-0040911-0001.C009	White plastic
SN9	A10	TAO25-0040911-0001.C010	Black rubber
SN10	A11	TAO25-0040911-0001.C011	Transparent adhesive
SN11	A12	TAO25-0040911-0001.C012	White plastic
SN12	A13	TAO25-0040911-0001.C013	Black plastic
SN13	A14	TAO25-0040911-0001.C014	White plastic
SN14	A15	TAO25-0040911-0001.C015	Silvery metal(spring)
SN15	A16	TAO25-0040911-0001.C016	Silvery metal(screw)
SN16	A17	TAO25-0040911-0001.C017	White plastic
SN17	A18	TAO25-0040911-0001.C018	White plastic
SN18	A19	TAO25-0040911-0001.C019	White plastic
SN19	A20	TAO25-0040911-0001.C020	Silvery metal(screw)
SN20	A21	TAO25-0040911-0001.C021	White plastic
SN21	A22	TAO25-0040911-0001.C022	White plastic
SN22	A23	TAO25-0040911-0001.C023	White plastic
SN23	A24	TAO25-0040911-0001.C024	White plastic
SN24	A25	TAO25-0040911-0001.C025	Black plastic
SN25	A26	TAO25-0040911-0001.C026	White plastic
SN26	A27	TAO25-0040911-0001.C027	Silvery metal(screw)
SN27	A28	TAO25-0040911-0001.C028	Silvery metal(screw)
SN28	A29	TAO25-0040911-0001.C029	White plastic
SN29	A30	TAO25-0040911-0001.C030	White rubber
SN30	A31	TAO25-0040911-0001.C031	Silvery metal(screw)
SN31	A32	TAO25-0040911-0001.C032	Beige plastic
SN32	A33	TAO25-0040911-0001.C033	Black plastic
SN33	A34	TAO25-0040911-0001.C034	Green PCB
SN34	A35	TAO25-0040911-0001.C035	Silvery metal(spring)
SN35	A36	TAO25-0040911-0001.C036	Black plastic
SN36	A37	TAO25-0040911-0001.C037	Copper-colored metal
SN37	A38	TAO25-0040911-0001.C038	Green PCB
SN38	A39	TAO25-0040911-0001.C039	White plastic
SN39	A40	TAO25-0040911-0001.C040	Silvery metal(screw)
SN40	A41	TAO25-0040911-0001.C041	Transparent plastic
SN41	A42	TAO25-0040911-0001.C042	Black plastic
SN42	A43	TAO25-0040911-0001.C043	Silvery metal
SN43	A44	TAO25-0040911-0001.C044	Silvery metal(steel ball)
SN44	A45	TAO25-0040911-0001.C045	White plastic
SN45	A46	TAO25-0040911-0001.C046	Silvery metal(spring)
SN46	A47	TAO25-0040911-0001.C047	Silvery metal(steel ball)
SN47	A48	TAO25-0040911-0001.C048	Silvery metal(screw)
SN48	A49	TAO25-0040911-0001.C049	Silvery metal



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SN ID	Sample No.	SGS Sample ID	Description
SN49	A50	TAO25-0040911-0001.C050	Silvery metal(screw)
SN50	A51	TAO25-0040911-0001.C051	Black plastic
SN51	A52	TAO25-0040911-0001.C052	White plastic
SN52	A53	TAO25-0040911-0001.C053	Silvery metal(screw)
SN53	A54	TAO25-0040911-0001.C054	Silvery metal
SN54	A55	TAO25-0040911-0001.C055	Silvery metal(screw)
SN55	A56	TAO25-0040911-0001.C056	Silvery metal(screw)
SN56	A57	TAO25-0040911-0001.C057	Silvery metal
SN57	A58	TAO25-0040911-0001.C058	Silvery metal(spring)
SN58	A59	TAO25-0040911-0001.C059	Black plastic
SN59	A60	TAO25-0040911-0001.C060	Black plastic
SN60	A61	TAO25-0040911-0001.C061	Brown fabric
SN61	A62	TAO25-0040911-0001.C062	Gray froth
SN62	A63	TAO25-0040911-0001.C063	White plastic
SN63	A64	TAO25-0040911-0001.C064	Black plastic
SN64	A65	TAO25-0040911-0001.C065	White plastic
SN65	A66	TAO25-0040911-0001.C066	Black plastic
SN66	A67	TAO25-0040911-0001.C067	Silvery metal(screw)
SN67	A68	TAO25-0040911-0001.C068	Silvery metal(screw)
SN68	A69	TAO25-0040911-0001.C069	Silvery metal
SN69	A70	TAO25-0040911-0001.C070	Silvery metal
SN70	A71	TAO25-0040911-0001.C071	Silvery metal(screw)
SN71	A72	TAO25-0040911-0001.C072	Black metal
SN72	A73	TAO25-0040911-0001.C073	Silvery metal
SN73	A74	TAO25-0040911-0001.C074	Gray metal
SN74	A75	TAO25-0040911-0001.C075	Silvery metal
SN75	A76	TAO25-0040911-0001.C076	Gray fabric
SN76	A77	TAO25-0040911-0001.C077	Copper-colored metal
SN77	A78	TAO25-0040911-0001.C078	Silvery metal
SN78	A79	TAO25-0040911-0001.C079	Silvery metal(inner core)
SN79	A80	TAO25-0040911-0001.C080	Transparent plastic(jacket)
SN80	A81	TAO25-0040911-0001.C081	Black plastic
SN81	A82	TAO25-0040911-0001.C082	Black plastic
SN82	A83	TAO25-0040911-0001.C083	Silvery metal
SN83	A84	TAO25-0040911-0001.C084	Black plastic
SN84	A85	TAO25-0040911-0001.C085	Silvery metal(screw)
SN85	A86	TAO25-0040911-0001.C086	Silvery metal
SN86	A87	TAO25-0040911-0001.C087	White plastic
SN87	A88	TAO25-0040911-0001.C088	Silvery metal(screw)
SN88	A89	TAO25-0040911-0001.C089	Black metal
SN89	A90	TAO25-0040911-0001.C090	Silvery metal
SN90	A91	TAO25-0040911-0001.C091	Silvery metal
SN91	A92	TAO25-0040911-0001.C092	Silvery metal
SN92	A93	TAO25-0040911-0001.C093	Silvery metal(screw)
SN93	A94	TAO25-0040911-0001.C094	Silvery metal
SN94	A95	TAO25-0040911-0001.C095	Silvery metal
SN95	A96	TAO25-0040911-0001.C096	Copper-colored metal
SN96	A97	TAO25-0040911-0001.C097	Beige plastic
SN97	A98	TAO25-0040911-0001.C098	Silvery metal



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SN ID	Sample No.	SGS Sample ID	Description
SN98	A99	TAO25-0040911-0001.C099	Silvery metal
SN99	A100	TAO25-0040911-0001.C100	Black plastic
SN100	A101	TAO25-0040911-0001.C101	Red plastic(jacket)
SN101	A102	TAO25-0040911-0001.C102	Black plastic(jacket)
SN102	A103	TAO25-0040911-0001.C103	Beige plastic
SN103	A104	TAO25-0040911-0001.C104	Beige plastic
SN104	A105	TAO25-0040911-0001.C105	Silvery metal
SN105	A106	TAO25-0040911-0001.C106	Silvery metal
SN106	A107	TAO25-0040911-0001.C107	Black plastic(jacket)
SN107	A108	TAO25-0040911-0001.C108	Red plastic(jacket)
SN108	A109	TAO25-0040911-0001.C109	Black plastic
SN109	A110	TAO25-0040911-0001.C110	Transparent adhesive
SN110	A111	TAO25-0040911-0001.C111	Black plastic
SN111	A112	TAO25-0040911-0001.C112	White plastic
SN112	A113	TAO25-0040911-0001.C113	Black body
SN113	A114	TAO25-0040911-0001.C114	Beige plastic
SN114	A115	TAO25-0040911-0001.C115	Black body
SN115	A116	TAO25-0040911-0001.C116	Black body
SN116	A117	TAO25-0040911-0001.C117	Black plastic
SN117	A118	TAO25-0040911-0001.C118	Black body
SN118	A119	TAO25-0040911-0001.C119	Black body
SN119	A120	TAO25-0040911-0001.C120	Black rubber
SN120	A121	TAO25-0040911-0001.C121	Blue plastic
SN121	A122	TAO25-0040911-0001.C122	Silvery metal(soldering tin)
SN122	A123	TAO25-0040911-0001.C123	Green PCB
SN123	A124	TAO25-0040911-0001.C124	White plastic
SN124	A125	TAO25-0040911-0001.C125	White plastic(jacket)
SN125	A126	TAO25-0040911-0001.C126	White plastic(jacket)
SN126	A127	TAO25-0040911-0001.C127	Yellow plastic
SN127	A128	TAO25-0040911-0001.C128	Red plastic(jacket)
SN128	A129	TAO25-0040911-0001.C129	Red plastic
SN129	A130	TAO25-0040911-0001.C130	Black plastic(jacket)
SN130	A131	TAO25-0040911-0001.C131	Black plastic(jacket)
SN131	A132	TAO25-0040911-0001.C132	White plastic
SN132	A133	TAO25-0040911-0001.C133	Red plastic
SN133	A134	TAO25-0040911-0001.C134	Blue plastic
SN134	A135	TAO25-0040911-0001.C135	Black plastic
SN135	A136	TAO25-0040911-0001.C136	Black plastic(jacket)
SN136	A137	TAO25-0040911-0001.C137	Black plastic(pyrocondensation tube)
SN137	A138	TAO25-0040911-0001.C138	Green plastic
SN138	A139	TAO25-0040911-0001.C139	Black plastic
SN139	A140	TAO25-0040911-0001.C140	Blue plastic
SN140	A141	TAO25-0040911-0001.C141	White plastic
SN141	A142	TAO25-0040911-0001.C142	White plastic
SN142	A143	TAO25-0040911-0001.C143	Silvery metal
SN143	A144	TAO25-0040911-0001.C144	Silvery metal
SN144	A145	TAO25-0040911-0001.C145	Black plastic(jacket)
SN145	A146	TAO25-0040911-0001.C146	White rubber
SN146	A147	TAO25-0040911-0001.C147	Red plastic(jacket)



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SN ID	Sample No.	SGS Sample ID	Description
SN147	A148	TAO25-0040911-0001.C148	Beige plastic
SN148	A149	TAO25-0040911-0001.C149	Silvery metal(screw)
SN149	A150	TAO25-0040911-0001.C150	Black body
SN150	A151	TAO25-0040911-0001.C151	Black body
SN151	A152	TAO25-0040911-0001.C152	Yellow capacitor
SN152	A153	TAO25-0040911-0001.C153	Black body
SN153	A154	TAO25-0040911-0001.C154	Black body
SN154	A155	TAO25-0040911-0001.C155	Green PCB
SN155	A156	TAO25-0040911-0001.C156	Silvery metal
SN156	A157	TAO25-0040911-0001.C157	Black rubber
SN157	A158	TAO25-0040911-0001.C158	Black plastic(jacket)
SN158	A159	TAO25-0040911-0001.C159	Red plastic(jacket)
SN159	A160	TAO25-0040911-0001.C160	Black plastic
SN160	A161	TAO25-0040911-0001.C161	Silvery metal
SN161	A162	TAO25-0040911-0001.C162	Silvery metal
SN162	A163	TAO25-0040911-0001.C163	Silvery metal
SN163	A164	TAO25-0040911-0001.C164	Black rubber
SN164	A165	TAO25-0040911-0001.C165	White plastic



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Verification Result(s):

In accordance with the result of material risk assessment, the following disjointed parts in the submitted sample have been verified. (Unless otherwise specified, the unit is mg/kg).

Test Item(s)	A1	A3	A4	A5	A6	A7	A8	A9
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	BL	BL	BL	BL	BL	BL	BL	BL
BBP	BL	BL	BL	BL	BL	BL	BL	BL
DBP	BL	BL	BL	BL	BL	BL	BL	BL
DIBP	BL	BL	BL	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A10	A11	A12	A13	A14	A15	A16	A17
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	ND	ND	BL
PBB	BL	BL	BL	BL	BL	---	---	BL
PBDE	BL	BL	BL	BL	BL	---	---	BL
DEHP	BL	BL	BL	BL	BL	---	---	BL
BBP	BL	BL	BL	BL	BL	---	---	BL
DBP	BL	BL	BL	BL	BL	---	---	BL
DIBP	BL	BL	BL	BL	BL	---	---	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A18	A19	A20	A21	A22	A23	A24	A25
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	ND	BL	BL	BL	BL	BL
PBB	BL	BL	---	BL	BL	BL	BL	BL
PBDE	BL	BL	---	BL	BL	BL	BL	BL
DEHP	BL	BL	---	BL	BL	BL	BL	BL
BBP	BL	BL	---	BL	BL	BL	BL	BL
DBP	BL	BL	---	BL	BL	BL	BL	BL
DIBP	BL	BL	---	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A26	A27	A28	A29	A30	A31	A32	A33
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	ND	ND	BL	BL	ND	BL	BL



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Test Item(s)	A26	A27	A28	A29	A30	A31	A32	A33
PBB	BL	---	---	BL	BL	---	BL	BL
PBDE	BL	---	---	BL	BL	---	BL	BL
DEHP	BL	---	---	BL	BL	---	BL	BL
BBP	BL	---	---	BL	BL	---	BL	BL
DBP	BL	---	---	BL	BL	---	BL	BL
DIBP	BL	---	---	BL	BL	---	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A34	A35	A36	A37	A38	A39	A40	A41
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	ND	BL	BL	BL	BL	ND	BL
PBB	ND	---	ND	---	ND	BL	---	BL
PBDE	ND	---	ND	---	ND	BL	---	BL
DEHP	ND	---	ND	---	ND	BL	---	BL
BBP	ND	---	ND	---	ND	BL	---	BL
DBP	ND	---	ND	---	ND	BL	---	BL
DIBP	ND	---	ND	---	ND	BL	---	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A42	A43	A44	A45	A46	A47	A48	A49
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	ND	BL	ND	ND	ND	ND
PBB	BL	---	---	BL	---	---	---	---
PBDE	BL	---	---	BL	---	---	---	---
DEHP	BL	---	---	BL	---	---	---	---
BBP	BL	---	---	BL	---	---	---	---
DBP	BL	---	---	BL	---	---	---	---
DIBP	BL	---	---	BL	---	---	---	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A50	A51	A52	A53	A54	A55	A56	A57
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	ND	BL	BL	ND	ND	ND	ND	ND
PBB	---	BL	BL	---	---	---	---	---
PBDE	---	BL	BL	---	---	---	---	---
DEHP	---	BL	BL	---	---	---	---	---
BBP	---	BL	BL	---	---	---	---	---
DBP	---	BL	BL	---	---	---	---	---
DIBP	---	BL	BL	---	---	---	---	---



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Test Item(s)	A50	A51	A52	A53	A54	A55	A56	A57
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A58	A59	A60	A61	A62	A63	A64	A65
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	ND	BL	BL	BL	BL	BL	BL	BL
PBB	---	BL	ND	BL	BL	BL	BL	BL
PBDE	---	BL	ND	BL	BL	BL	BL	BL
DEHP	---	BL	ND	BL	BL	BL	BL	BL
BBP	---	BL	ND	BL	BL	BL	BL	BL
DBP	---	BL	ND	BL	BL	BL	BL	BL
DIBP	---	BL	ND	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A66	A67	A68	A69	A70	A71	A72	A73
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	ND	ND	ND	ND
PBB	ND	---	---	---	---	---	---	---
PBDE	ND	---	---	---	---	---	---	---
DEHP	ND	---	---	---	---	---	---	---
BBP	ND	---	---	---	---	---	---	---
DBP	ND	---	---	---	---	---	---	---
DIBP	ND	---	---	---	---	---	---	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A74	A75	A76	A77	A78	A79	A80	A81
Pb	BL	31398▲	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	ND	BL	BL	BL	ND	ND	BL	BL
PBB	---	---	BL	---	---	---	BL	BL
PBDE	---	---	BL	---	---	---	BL	BL
DEHP	---	---	BL	---	---	---	BL	BL
BBP	---	---	BL	---	---	---	BL	BL
DBP	---	---	BL	---	---	---	BL	BL
DIBP	---	---	BL	---	---	---	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A82	A83	A84	A85	A86	A87	A88	A89
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL



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Test Item(s)	A82	A83	A84	A85	A86	A87	A88	A89
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	ND	BL	BL	ND	BL	ND	BL
PBB	BL	---	BL	---	---	BL	---	---
PBDE	BL	---	BL	---	---	BL	---	---
DEHP	BL	---	BL	---	---	BL	---	---
BBP	BL	---	BL	---	---	BL	---	---
DBP	BL	---	BL	---	---	BL	---	---
DIBP	BL	---	BL	---	---	BL	---	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A90	A91	A92	A93	A94	A95	A96	A97
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	ND	BL	ND	ND	BL	BL	BL	BL
PBB	---	---	---	---	---	---	---	BL
PBDE	---	---	---	---	---	---	---	BL
DEHP	---	---	---	---	---	---	---	BL
BBP	---	---	---	---	---	---	---	BL
DBP	---	---	---	---	---	---	---	BL
DIBP	---	---	---	---	---	---	---	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A98	A99	A100	A101	A102	A103	A104	A105
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	ND	BL	BL	BL	BL	BL	BL	BL
PBB	---	---	BL	BL	BL	BL	BL	---
PBDE	---	---	BL	BL	BL	BL	BL	---
DEHP	---	---	BL	BL	BL	BL	BL	---
BBP	---	---	BL	BL	BL	BL	BL	---
DBP	---	---	BL	BL	BL	BL	BL	---
DIBP	---	---	BL	BL	BL	BL	BL	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A106	A107	A108	A109	A110	A111	A112	A113
Pb	BL	BL	BL	BL	BL	BL	BL	25326▲
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	---	BL	BL	BL	BL	ND	BL	BL
PBDE	---	BL	BL	BL	BL	ND	BL	BL
DEHP	---	BL	BL	BL	BL	ND	BL	BL
BBP	---	BL	BL	BL	BL	ND	BL	BL



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Test Item(s)	A106	A107	A108	A109	A110	A111	A112	A113
DBP	---	BL	BL	BL	BL	ND	BL	BL
DIBP	---	BL	BL	BL	BL	ND	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A114	A115	A116	A117	A118	A119	A120	A121
Pb	BL	BL	63396▲	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	ND	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	BL	BL	BL	BL	BL	BL	BL	BL
BBP	BL	BL	BL	BL	BL	BL	BL	BL
DBP	BL	BL	BL	BL	BL	BL	BL	BL
DIBP	BL	BL	BL	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A122	A123	A124	A125	A126	A127	A128	A129
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	---	ND	BL	BL	BL	BL	BL	BL
PBDE	---	ND	BL	BL	BL	BL	BL	BL
DEHP	---	ND	BL	BL	BL	BL	BL	BL
BBP	---	ND	BL	BL	BL	BL	BL	BL
DBP	---	ND	BL	BL	BL	BL	BL	BL
DIBP	---	ND	BL	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A130	A131	A132	A133	A134	A135	A136	A137
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	ND	BL	BL
PBDE	BL	BL	BL	BL	BL	ND	BL	BL
DEHP	BL	BL	BL	BL	BL	ND	BL	BL
BBP	BL	BL	BL	BL	BL	ND	BL	BL
DBP	BL	BL	BL	BL	BL	ND	BL	BL
DIBP	BL	BL	BL	BL	BL	ND	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS



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Test Item(s)	A138	A139	A140	A141	A142	A143	A144	A145
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	---	---	BL
PBDE	BL	BL	BL	BL	BL	---	---	BL
DEHP	BL	BL	BL	BL	BL	---	---	BL
BBP	BL	BL	BL	BL	BL	---	---	BL
DBP	BL	BL	BL	BL	BL	---	---	BL
DIBP	BL	BL	BL	BL	BL	---	---	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A146	A147	A148	A149	A150	A151	A152	A153
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	ND	BL	BL	BL	BL
PBB	BL	BL	BL	---	BL	ND	BL	BL
PBDE	BL	BL	BL	---	BL	ND	BL	BL
DEHP	BL	BL	BL	---	BL	ND	BL	BL
BBP	BL	BL	BL	---	BL	ND	BL	BL
DBP	BL	BL	BL	---	BL	ND	BL	BL
DIBP	BL	BL	BL	---	BL	ND	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A154	A155	A156	A157	A158	A159	A160	A161
Pb	BL	BL	108	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	ND
PBB	ND	ND	---	BL	BL	BL	BL	---
PBDE	ND	ND	---	BL	BL	BL	BL	---
DEHP	ND	ND	---	BL	BL	BL	BL	---
BBP	ND	ND	---	BL	BL	BL	BL	---
DBP	ND	ND	---	BL	BL	BL	BL	---
DIBP	ND	ND	---	BL	BL	BL	BL	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A162	A163	A164	A165
Pb	BL	BL	BL	BL
Hg	BL	BL	BL	BL
Cd	BL	BL	BL	BL
Cr(VI)▼	ND	ND	BL	BL
PBB	---	---	BL	BL
PBDE	---	---	BL	BL



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Test Item(s)	A162	A163	A164	A165
DEHP	---	---	BL	BL
BBP	---	---	BL	BL
DBP	---	---	BL	BL
DIBP	---	---	BL	BL
Conclusion	PASS	PASS	PASS	PASS



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Notes:

(1) Interpretation of screening results by X-ray fluorescence spectrometry (XRF):

(a) Screening limits in mg/kg for regulated elements in various matrices according to IEC 62321-3-1:2013 Annex A as below table.

Element	Polymers	Metals	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	Not applicable	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

(b) If the maximum allowed level restricts PBB/PBDE and Cr(VI) rather than Br and Cr, the exceptions are the XRF determinations of Br and Cr. If the quantitative results for the elements Br and/or Cr are higher than the limit (for Br calculated based on the stoichiometry of Br in the most common congeners of PBB/PBDE), the sample is "inconclusive".

(c) Results are obtained by EDXRF for primary screening, LOD = Limit of Detection, BL = Below Limit, OL= Over Limit, IN (The symbol X marks the region)=Inconclusive, where further investigation is necessary, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBB/PBDE) are recommended to be performed.

(d) The EDXRF screening test for elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

(2) Screening results of Phthalates (PHTH) below the limits are shown as "BL". Further chemical testing by GC-MS is to be performed if the results exceed limits.

Test Items	CAS No.
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7
Butyl benzyl phthalate (BBP)	85-68-7
Dibutyl phthalate (DBP)	84-74-2
Diisobutyl phthalate (DIBP)	84-69-5

(3) Interpretation of results by chemical tests:

(a) mg/kg = 0.0001%, MDL=Method detection Limit, ND = Not Detected (<MDL), --- = Not Applicable.

(b) Unit and MDL in wet chemical test

Test Items	Pb	Hg	Cd	DEHP	BBP	DBP	DIBP
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	10	10	10	100	100	100	100

The MDL for single compound of PBB and PBDE is 100 mg/kg,

MDL of Cr(VI) for polymer, composite and leather sample is 10 mg/kg.

MDL of Cr(VI) for metal sample is 0.10 µg/cm².

(c) ▼ =Metal sample

a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm². The sample coating is considered to contain Cr(VI).

b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-Cr(VI) based coating

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



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Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

- (4) Restricted substances and maximum concentration values tolerated by weight in homogeneous materials under RoHS Directive: Cd: 0.01%, Pb/Hg/Cr(VI)/PBB/PBDE/DEHP/BBP/DBP/DIBP: 0.1%. The limit is quoted from RoHS Directive (EU) 2015/863.
- (5) IEC 62321 series is equivalent to EN 62321 series.
- (6) ▲According to the declaration from the client, Lead (Pb) in No.A75 is exempted by EU RoHS directive 2011/65/EU based on [ANNEX III 6(c)]: Copper alloy containing up to 4 % lead by weight. More information about exemption can be found via the following link:
<https://rohs.sgsonline.com.cn/PDFLinks/en/RSTS-TP-037%20RoHS%20Exemption%20%28EN%29.pdf>
- (7) ▲According to the declaration from the client, Lead (Pb) in No.A113,A116 is exempted by EU RoHS directive 2011/65/EU based on [ANNEX III 7(a)]: Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead). More information about exemption can be found via the following link:
<https://rohs.sgsonline.com.cn/PDFLinks/en/RSTS-TP-037%20RoHS%20Exemption%20%28EN%29.pdf>

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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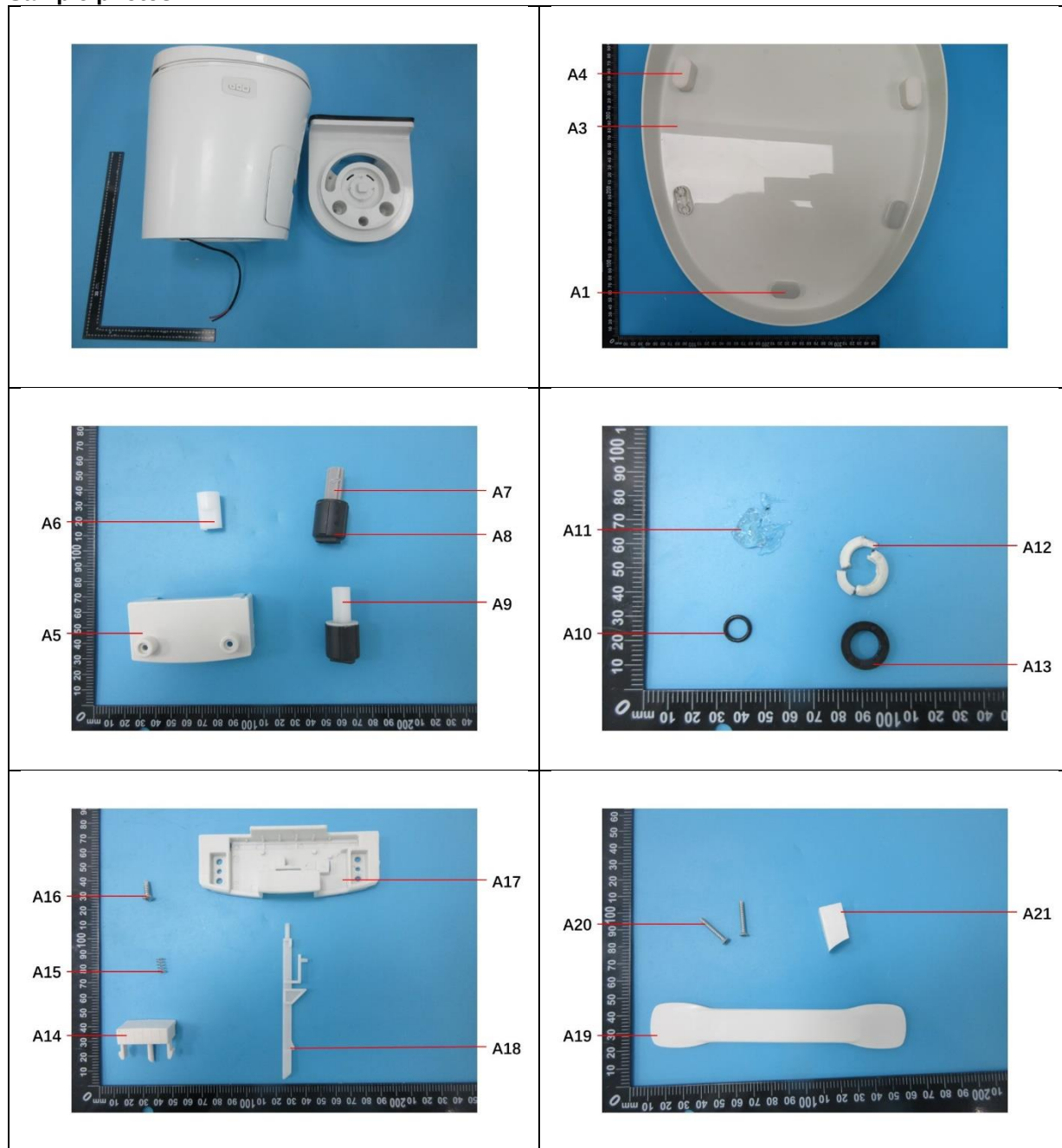
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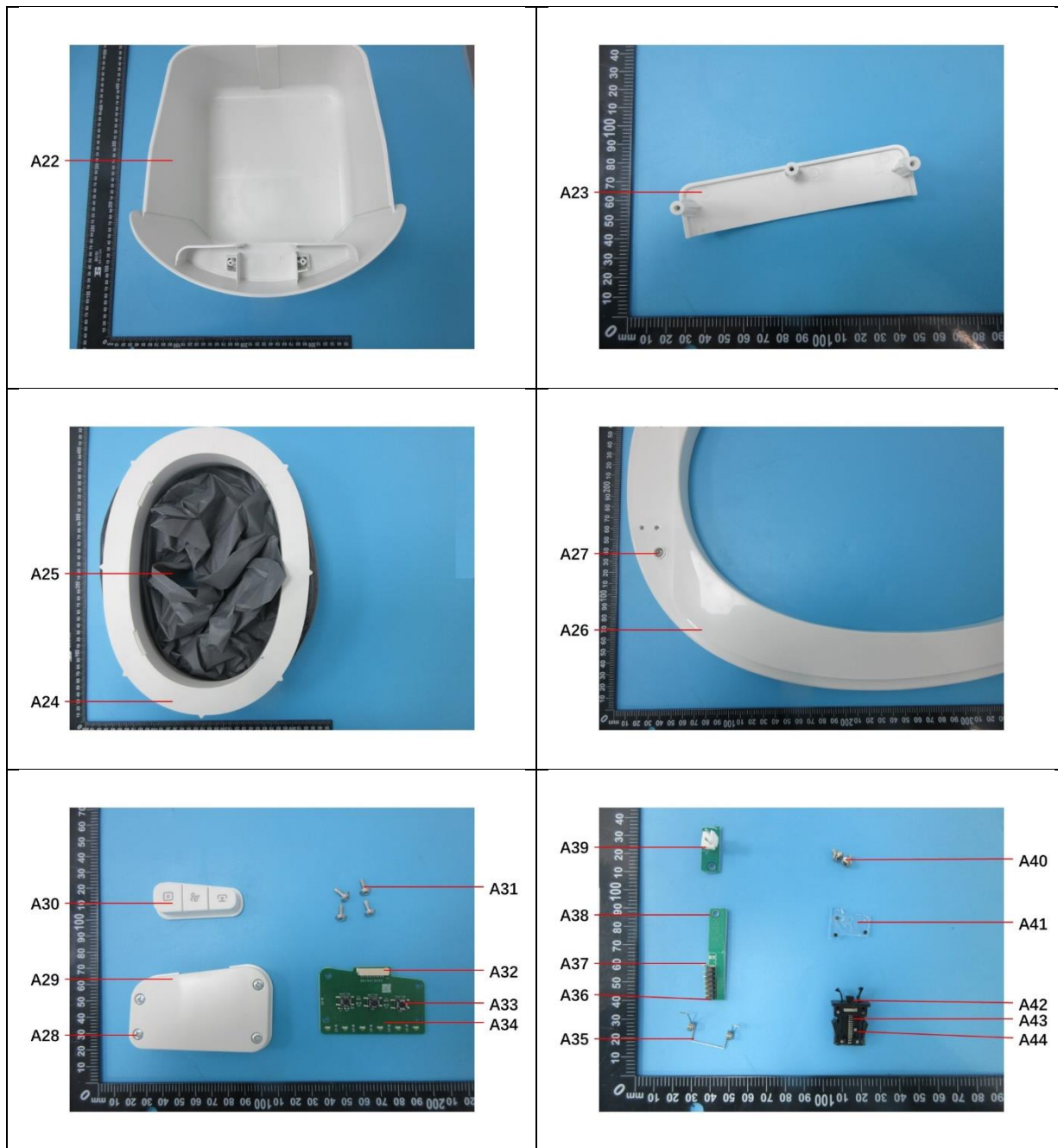
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Sample photos:





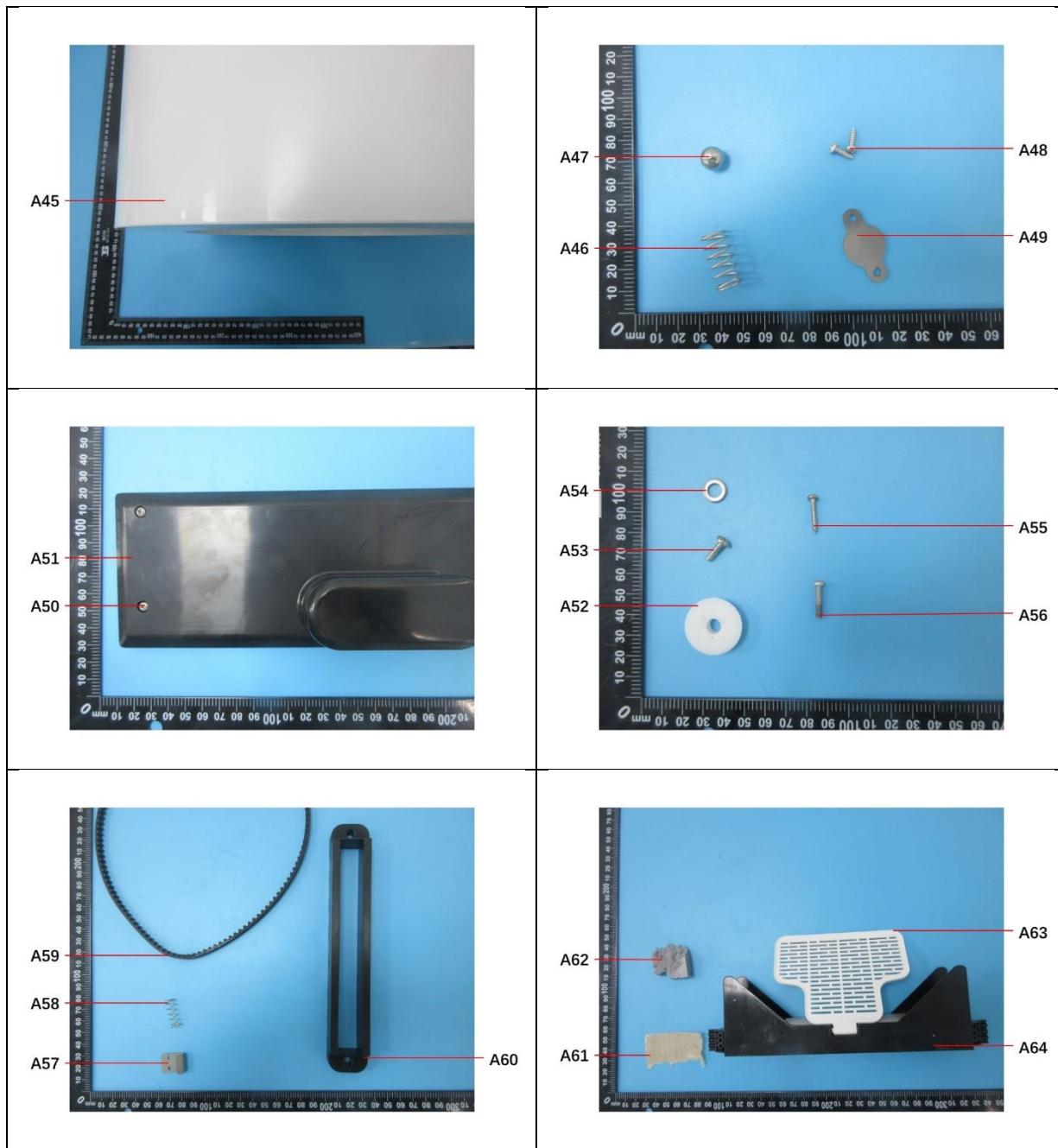
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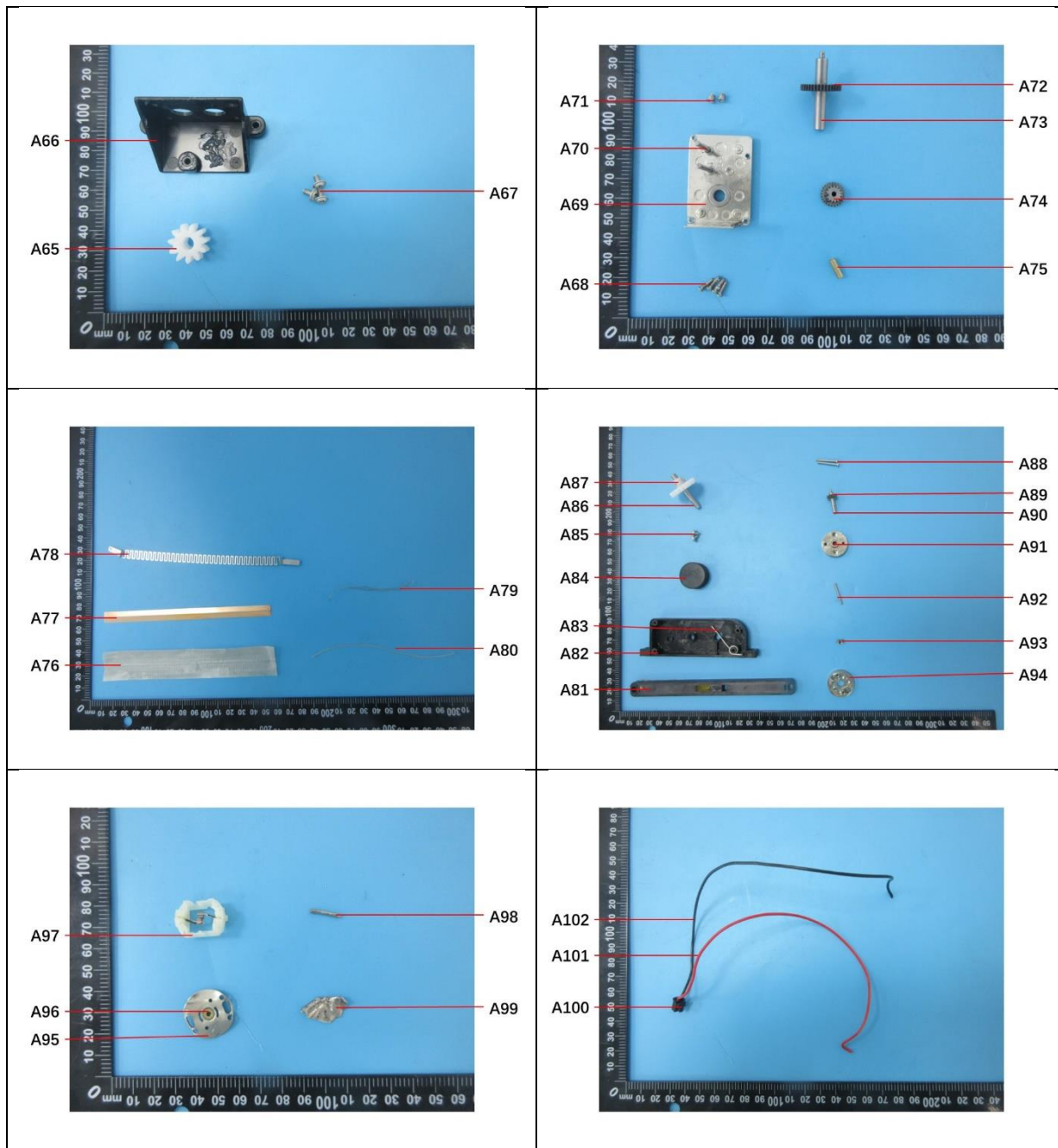
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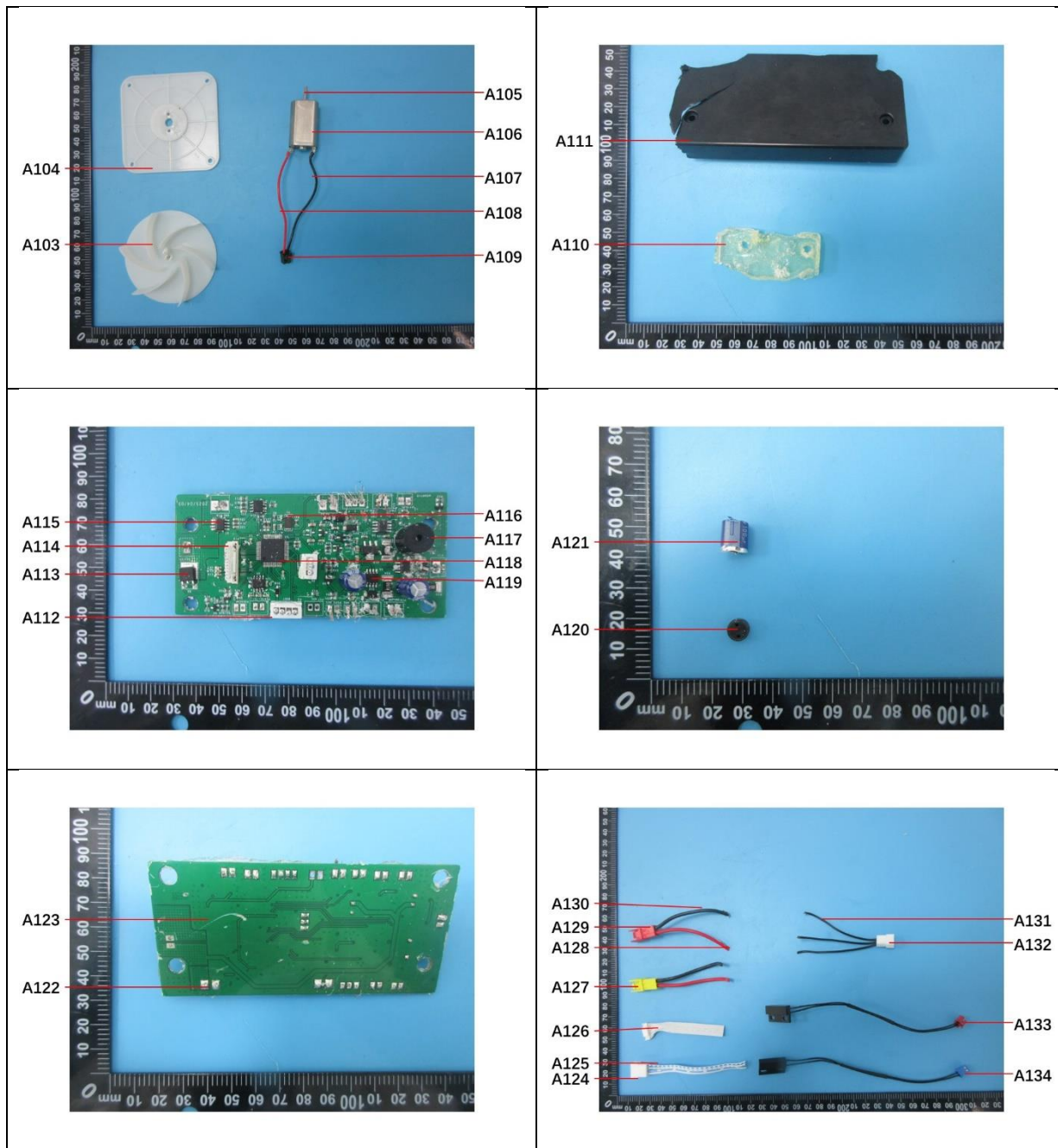
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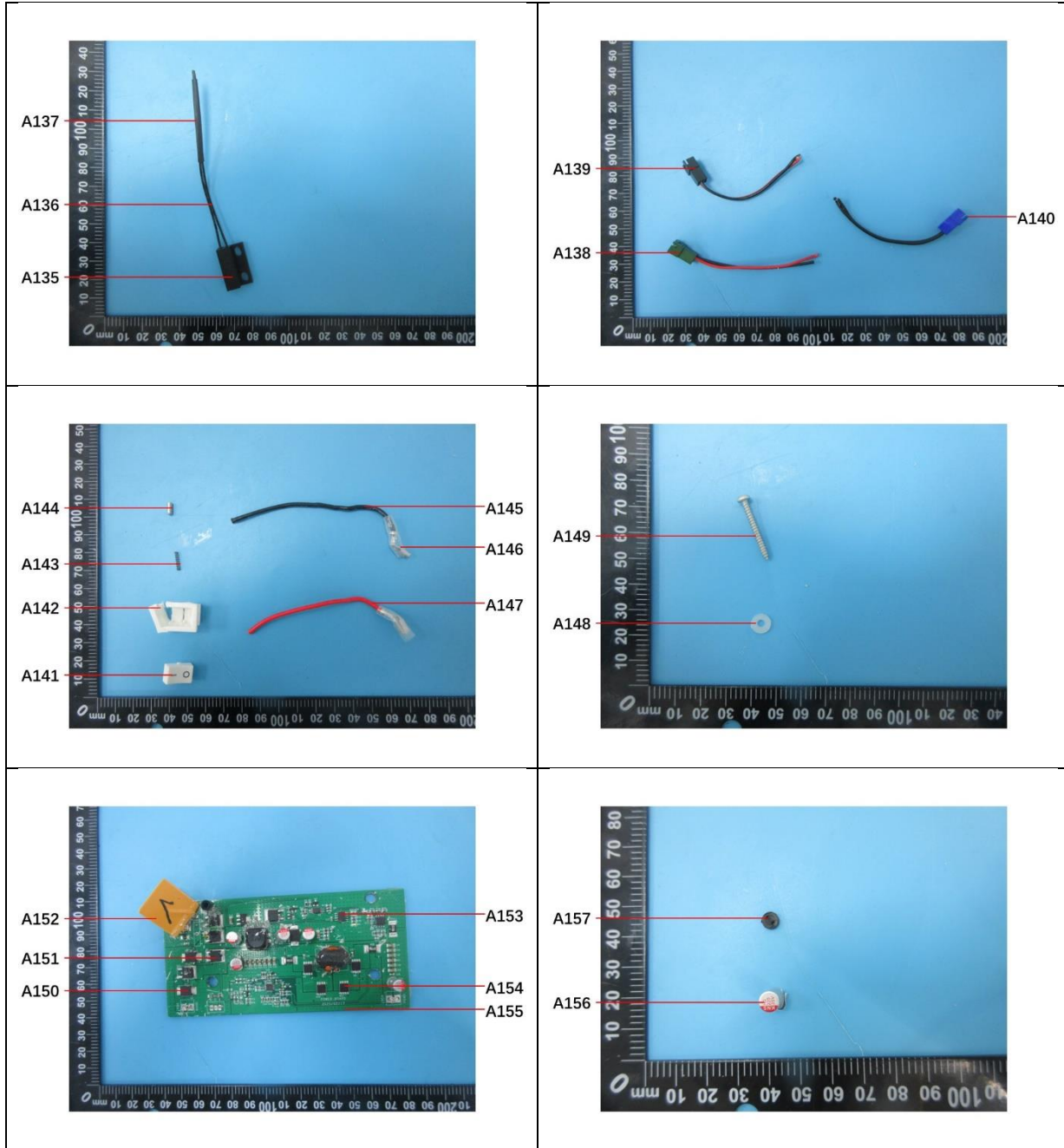
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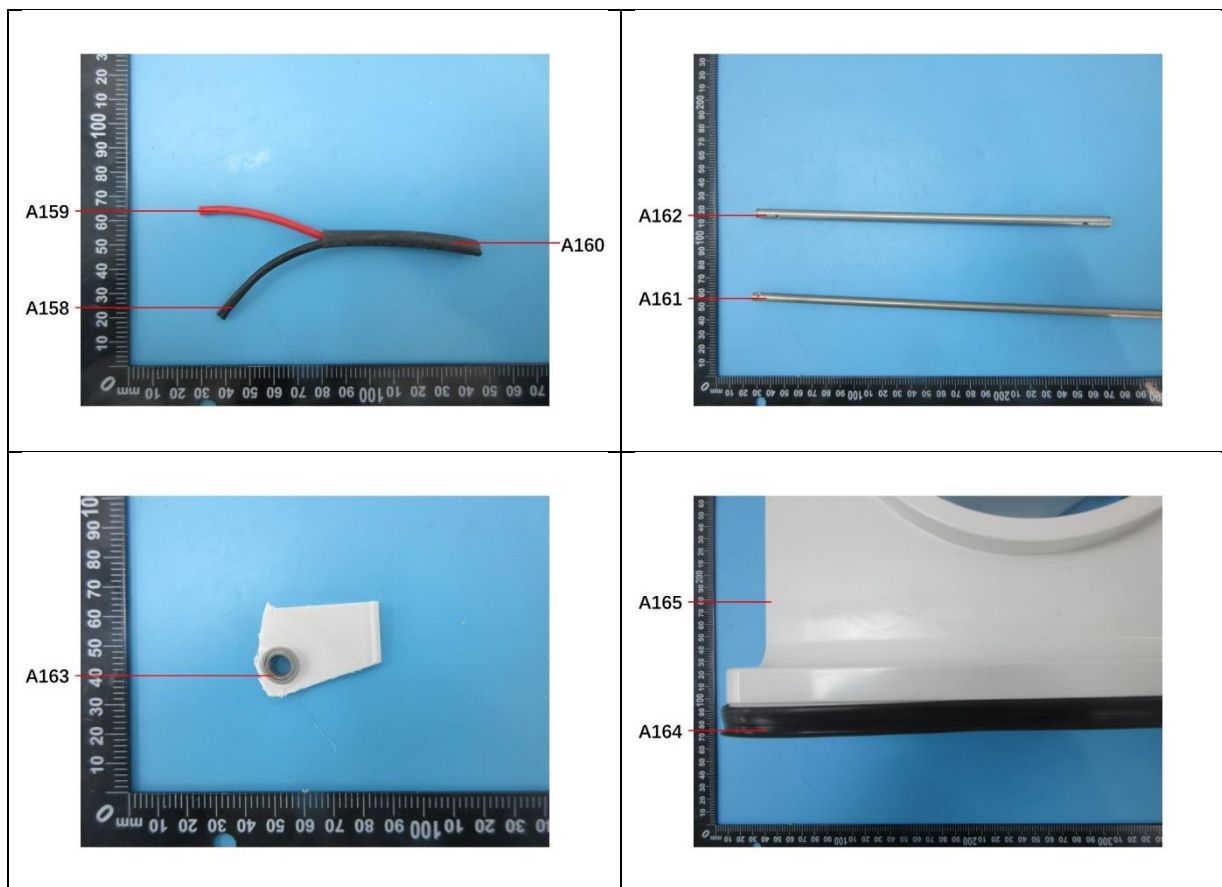
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