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WTX26H06181929C

Verification Report

Report No	:	WTX26H06181929C
Applicant	:	Shenzhen Fashion Star Technology Co., Ltd.
Address	:	6B, Building B3 (Passenger Elevator, Unit A), China Merchants Guangming Science & Technology Park, Fenghuang Street, Guangming District, Shenzhen City
Manufacturer	:	Shenzhen Fashion Star Technology Co., Ltd.
Address	:	6B, Building B3 (Passenger Elevator, Unit A), China Merchants Guangming Science & Technology Park, Fenghuang Street, Guangming District, Shenzhen City
Sample Name	:	Servo
Sample Model	:	Star Arm 102-LD-01,Star Arm 102-LD-02,Star Arm 102-LD-03
Trademark	:	FashionStar
Test Requested	:	Verify the Pb, Cd, Hg, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP content in the sample with reference to EU RoHS Directive 2011/65/EU and its amendment Directive EU 2015/863.
Test Conclusion	:	PASS
Date of Receipt sample	:	2026-06-26
Testing period	:	2026-06-26 ~ 2026-07-11
Date of Issue	:	2026-07-14
Test Result	:	Refer to next page (s)

Prepared By:

Waltek Testing Group HCT (Shenzhen) Co., Ltd.

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Signed for and on behalf of
Waltek Testing Group HCT (Shenzhen) Co., Ltd.

深圳市沃特虹彩检测技术有限公司 检验检测专用章 Inspection & Testing Services

Michael Huang
Waltek Testing Group HCT (Shenzhen) Co., Ltd.

Test Result(s):

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
2-1	Color print black, White fabric	Pb	BL	---	2026-06-26	Same WTX26H06181929C ~1930C. 1-1
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-2	Black sponge	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-3	Multi-color printed white fabric	Pb	BL	---	2026-06-26	Same WTX26H06181929C ~1930C. 1-3
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-4	Black soft plastic shell (large plug)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		DEHP	NA	ND		
		DIBP	NA	ND		
2-5	Light golden metal shell (Big plug)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-6	White plastic frame (large plug)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-7	Golden, Silver metal terminal(big plug)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-8	Black soft plastic outer wire jacket (data cable)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-9	Copper metal wire core (data cable)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-10	Silver metal foil (data cable)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-11	Black soft plastic wire jacket (data cable)	Pb	BL	---	2026-06-26	Same 2-8
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-12	Red soft plastic wire jacket (data cable)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-13	Green soft plastic wire jacket (data cable)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-14	White soft plastic wire jacket (data cable)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-15	Copper metal wire core(data cable , Inner wire jacket)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-16	Black soft plastic shell(Magnetic ring)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	114		
		DIBP	NA	ND		
2-17	Black magnetic core (Magnetic ring)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-18	Black soft plastic shell (small plug)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-19	Light golden metal shell (small plug)	Pb	BL	---	2026-06-26	Same 2-5
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-20	Translucent white plastic shell(small plug)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-21	Black plastic skeleton (small plug)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-22	Silver metal pin (small plug)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-23	Silver metal insert (Small plug)	Pb	IN	ND	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-24	Cream copper-clad laminate with green	Pb	BL	---	2026-06-26	
		Cd	BL	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
	coating (Small plug)	Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	IN	PBBs:ND PBDEs:ND		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-25	Silver metal solder (small plug, PCB)	Pb	BL	---	2026-06-26	Same 2-40
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-26	White plastic clip (robotic arm)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-27	White plastic casing(robotic arm)	Pb	BL	---	2026-06-26	Same 2-26
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
2-28	White plastic shell (robotic arm , Servo motor)	Pb	BL	---	2026-06-26	Same 2-26
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-29	Black print white plastic connecting rod (robotic arm)	Pb	BL	---	2026-06-26	Same 2-26
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-30	White plastic connecting rod (robotic arm)	Pb	BL	---	2026-06-26	Same 2-26
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-31	White Plastic Bracket Slot(robotic arm)	Pb	BL	---	2026-06-26	Same 2-26
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		DIBP	NA	ND		
2-32	White plastic mounting base plate	Pb	BL	---	2026-06-26	Same 2-26
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-33	White plastic fixed base	Pb	BL	---	2026-06-26	Same 2-26
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-34	Orange plastic shell	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	IN	PBBs:ND PBDEs:ND		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-35	Black soft plastic heat shrinkable tube	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	IN	PBBs:ND PBDEs:ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-36	Golden metal column	Pb	IN	34805[h1]	2026-06-26	
		Cd	IN	ND		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-37	Black soft plastic wire jacket	Pb	BL	---	2026-06-26	Same 2-8
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-38	Red soft plastic wire jacket	Pb	BL	---	2026-06-26	Same 2-12
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-39	Silver metal wire core	Pb	BL	---	2026-06-26	Same 2-56
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-40	Silver metal soldering	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-41	Black soft plastic shell(Round connector wire)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	194		
		BBP	NA	ND		
		DEHP	NA	496		
		DIBP	NA	90		
2-42	Black soft plastic outer wire jacket (Round connector wire)	Pb	BL	---	2026-06-26	Same 2-8
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-43	Black soft plastic wire jacket(Round connector wire)	Pb	BL	---	2026-06-26	Same 2-8
		Cd	BL	---		
		Hg	BL	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-44	Red soft plastic wire jacket(Round connector wire)	Pb	BL	---	2026-06-26	Same 2-12
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-45	Copper metal wire core(Round connector wire)	Pb	IN	648	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-46	Silver metal soldering(Round connector wire)	Pb	BL	---	2026-06-26	Same 2-40
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-47	Silver metal post (Round connector	Pb	IN	25122[h1]	2026-06-26	
		Cd	BL	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
	wire)	Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-48	Black soft plastic stopper (Round connector wire)	Pb	BL	---	2026-06-26	Same 2-97
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-49	Silver metal sheet (Round connector wire)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-50	Silver metal shell (Round connector wire)	Pb	IN	30	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-51	Black plastic wire	Pb	BL	---	2026-06-26	Same 2-97

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
	duct(sheathed wire)	Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-52	Silver metal terminal(sheathed wire)	Pb	BL	---	2026-06-26	Same 2-99
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-53	Black wire jacket (sheathed wire)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-54	Black soft plastic wire jacket(sheathed wire)	Pb	BL	---	2026-06-26	Same 2-8
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
2-55	White printed black soft plastic wire jacket(sheathed wire)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-56	Silver metal wire core(sheathed wire)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-57	Silver metal shell (PCB)	Pb	BL	---	2026-06-26	Same 2-99
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-58	White plastic skeleton (PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		DIBP	NA	ND		
2-59	Silver metal pins (PCB)	Pb	BL	---	2026-06-26	Same 2-99
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-60	Black plastic shell (PCB)	Pb	BL	---	2026-06-26	Same 2-97
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-61	Silver metal screws （ big PCB）	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-62	Silver metal sheet （ big PCB）	Pb	BL	---	2026-06-26	Same 2-99
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		DEHP	NA	---		
		DIBP	NA	---		
2-63	Black diode (large PCB)	Pb	IN	33919[h2]	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-64	Black transistor (large PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-65	Brown chip capacitor （ big PCB）	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-66	Black printed white chip resistor （ big PCB）	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-67	Black eight pins body (large PCB)	Pb	IN	8466[h2]	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-68	Black Long Body (big PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-69	Black plastic toggle key (big PCB)	Pb	BL	---	2026-06-26	Same 2-97
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-70	Silver metal cover （ big PCB）	Pb	BL	---	2026-06-26	Same 2-99
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-71	Silver metal plug (large PCB)	Pb	BL	---	2026-06-26	Same 2-99
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-72	Brown PCB(big PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-73	Silver crystal oscillator (large PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-74	Black six-pins body （ big PCB）	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-75	Silver metal pin (large PCB)	Pb	BL	---	2026-06-26	Same 2-99
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-76	Black plastic block (large PCB)	Pb	BL	---	2026-06-26	Same 2-97
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-77	Gray printed black plastic sheet (big PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	227		
		DIBP	NA	ND		
2-78	Silver metal casing (large PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-79	Black soft plastic plug (big PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-80	Brown wet paper (big PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-81	Silver gray metal sheet(big PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-82	Light silver metal sheet(big PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-83	Silver metal pins (large PCB)	Pb	BL	---	2026-06-26	Same 2-99
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-84	Black plastic slot(big PCB)	Pb	BL	---	2026-06-26	Same 2-97
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-85	Silver metal pin (big PCB, Slot)	Pb	BL	---	2026-06-26	Same 2-99
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-86	Cream copper clad	Pb	BL	---	2026-06-26	

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
	laminate with green coating	Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	IN	PBBs:ND PBDEs:ND		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-87	Silver metal solder (large PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-88	Black sponge adhesive (large PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-89	Black printed silver plastic sticker(big PCB)	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		DIBP	NA	ND		
2-90	White plastic block	Pb	BL	---	2026-06-26	Same 2-26
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-91	Purple Threadlocker	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-92	Orange-red Plastic Button	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-93	Orange-red plastic block	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		DEHP	NA	ND		
		DIBP	NA	ND		
2-94	Black plastic shell	Pb	BL	---	2026-06-26	Same 2-97
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-95	Silver metal block	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-96	Silver metal spring	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-97	Black plastic trigger	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-98	Black coating	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	BL	---		
		Br(PBBs&PBDEs)	BL	---		
		DBP	NA	ND		
		BBP	NA	ND		
		DEHP	NA	ND		
		DIBP	NA	ND		
2-99	Silver metal long strip	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-100	Black metal screw	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-101	Black metal hex socket screws	Pb	BL	---	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		

No.	Sample Description	Test Item(s)	XRF Result(s) (1)	Chemical Result(s) (2)	Received Sample(s) Date	Note
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		
2-102	Black metal screw	Pb	IN	ND	2026-06-26	
		Cd	BL	---		
		Hg	BL	---		
		Cr(Cr(VI))	IN	ND		
		Br(PBBs&PBDEs)	NA	---		
		DBP	NA	---		
		BBP	NA	---		
		DEHP	NA	---		
		DIBP	NA	---		

Note:

"Same" = It means that the sample with the corresponding serial number is of the same material as another sample.

According to the client's declarations, see the above table for the list of samples (parts) of the same material.

The sample(s) 2-91 was(were) cured by UV irradiation and then tested.

As specified by client, only test the designated sample.

[h1]= According to the declaration from the client, Lead(Pb) in specimen(s) is(are) exempted by EU RoHS Directive 2011/65/EU and its amendment Directive EU 2015/863 base on:6(c)*[1] :Copper alloy containing up to 4% lead by weight

*[1] =The exemption shall not cover EEE for supply to the general public where the EEE or accessible part thereof may, during normal or foreseeable conditions of use, be placed in the mouth by children. However, the exemption shall apply where the following can be both demonstrated: ① the rate of lead release from such an EEE or any accessible part, whether coated or uncoated, does not exceed 0,05 μg/cm^2 per hour (equivalent to 0,05 μg/g/h), ② for coated articles, that the coating is sufficient to ensure that this release rate is not exceeded for a period of at least two years of normal or reasonably foreseeable conditions of use of the EEE.

[h2]= According to the declaration from the client, Lead(Pb) in specimen(s) is(are) exempted by EU RoHS Directive 2011/65/EU and its amendment Directive EU 2015/863 base on:7(a):Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead)

Remark:

(1): ED-XRF test

(a) For the restricted substances PBBs/PBDEs, the ED-XRF results show the total Br content; for the restricted substance Cr(VI), the ED-XRF results show the total Cr content.

(b) Results were obtained by ED-XRF for primary screening, and further chemical testing are recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013.

Unit: mg/kg

Elements	Polymers	Metals	Composite material
Pb	BL ≤ 100 < X < 1200 ≤ OL	BL ≤ 100 < X < 1200 ≤ OL	BL ≤ 80< X < 1300 ≤ OL
Cd	BL ≤ 30 < X < 120≤ OL	BL ≤ 30 < X < 120≤ OL	BL ≤ 30 < X < 120≤ OL
Hg	BL ≤ 100 < X < 1200 ≤ OL	BL ≤ 100 < X < 1200 ≤ OL	BL ≤ 80< X < 1300 ≤ OL
Cr	BL ≤ 200< X	BL ≤ 200 < X	BL ≤ 150< X
Br	BL ≤ 200 < X	--	BL ≤ 200 < X

(c) BL=Below Limit by ED-XRF analysis, OL=Over Limit by ED-XRF analysis, IN=Inconclusive, NA=Not Applicable, -- = Not regulated, X=need further chemical analysis

(d) For composite material,the ED-XRF results may be different to the actual content in the sample.

(2): Chemical test and regulatory limits

Test Items		Test Method	Test Equipment	MDL	Limit(by weight in homogeneous materials)
Pb		IEC 62321-5:2013	ICP-OES/AAS	2mg/kg	1000mg/kg
Cd		IEC 62321-5:2013	ICP-OES/AAS	2mg/kg	100mg/kg
Hg		IEC 62321-4:2013+AMD1:2017	ICP-OES	2mg/kg	1000mg/kg
Cr(VI)	Metal	IEC 62321-7-1:2015	UV-VIS	0.10μg/cm^2	1000mg/kg
	Others	IEC 62321-7-2:2017	UV-VIS	8mg/kg	
PBBs		IEC 62321-6:2015	GC-MS	5mg/kg(Each)	1000mg/kg(Sum)
PBDEs		IEC 62321-6:2015	GC-MS	5mg/kg(Each)	1000mg/kg(Sum)
DBP		IEC 62321-8:2017	GC-MS	30mg/kg	1000mg/kg
BBP		IEC 62321-8:2017	GC-MS	30mg/kg	1000mg/kg
DEHP		IEC 62321-8:2017	GC-MS	30mg/kg	1000mg/kg
DIBP		IEC 62321-8:2017	GC-MS	30mg/kg	1000mg/kg

(a) Unit of Chemical test result: Cr(VI) of metal:μg/cm^2 ,Other:mg/kg;

μg/cm^2 (microgram per square centimeter)

1mg/kg=1ppm=0.0001%, mg/kg (milligram per kilogram) = ppm (parts per million)

ND=not detected (less than method detection limit),

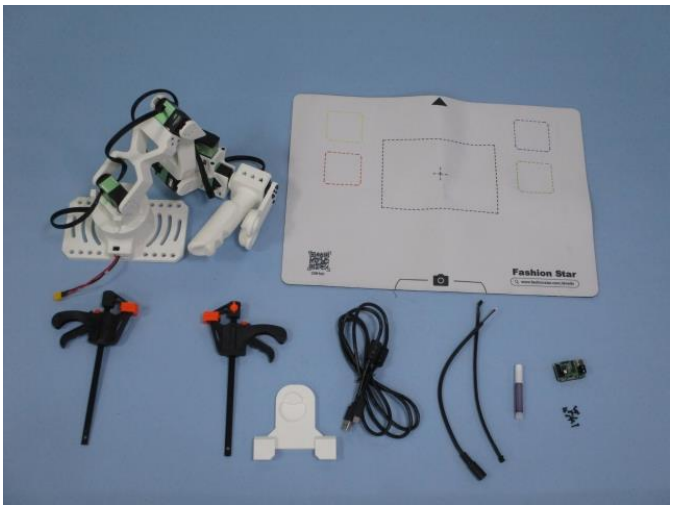
MDL=Method Detection Limit

(b) For corrosion-protected coatings on metals,according to the test method IEC 62321-7-1:2015:①The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13μg/cm^2. The sample coating is considered to contain Cr(VI); ②The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10μg/cm^2). The coating is considered a non-Cr(VI) based coating; ③The result between 0.10μg/cm^2 and 0.13μg/cm^2 is considered

to be inconclusive -unavoidable coating variations may influence the determination; The surface difference of samples from different individuals may affect the determination results of Cr(VI); 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.

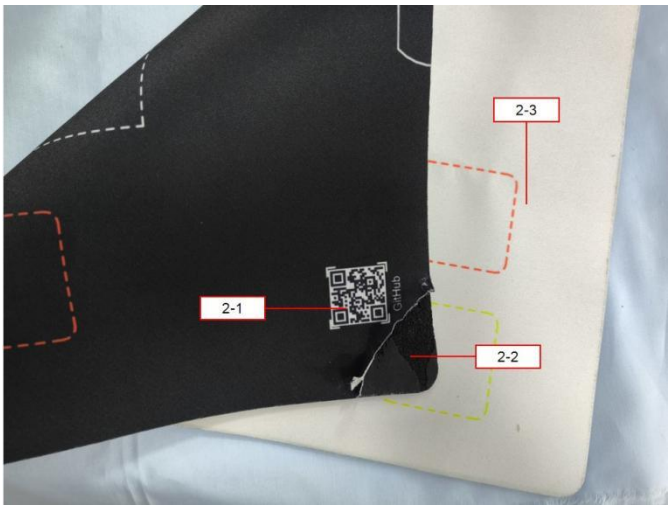
(3): Screening and chemical tests were performed for the samples indicated by the photo in this report.

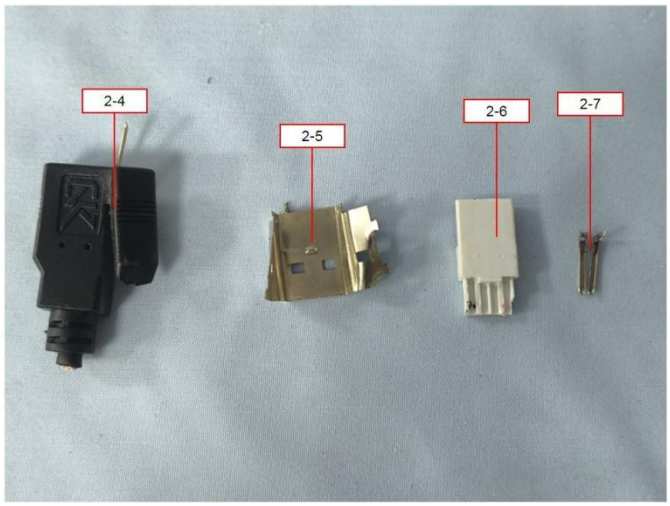
The photo of the sample

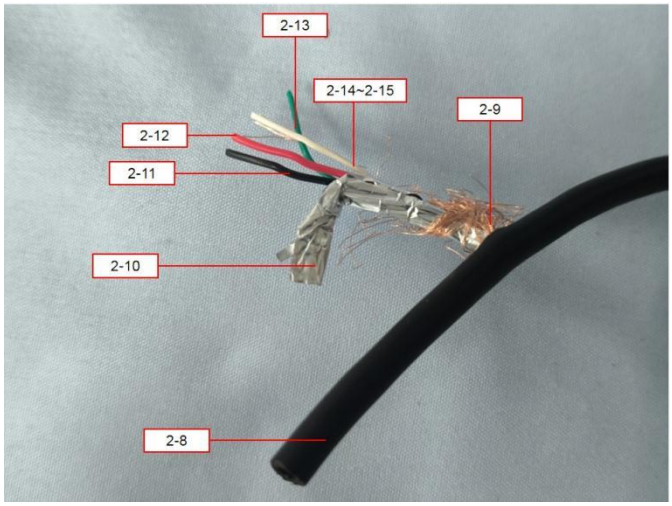


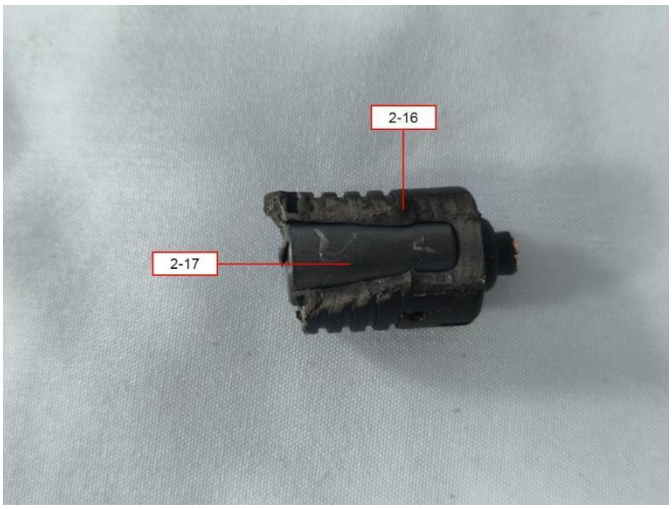
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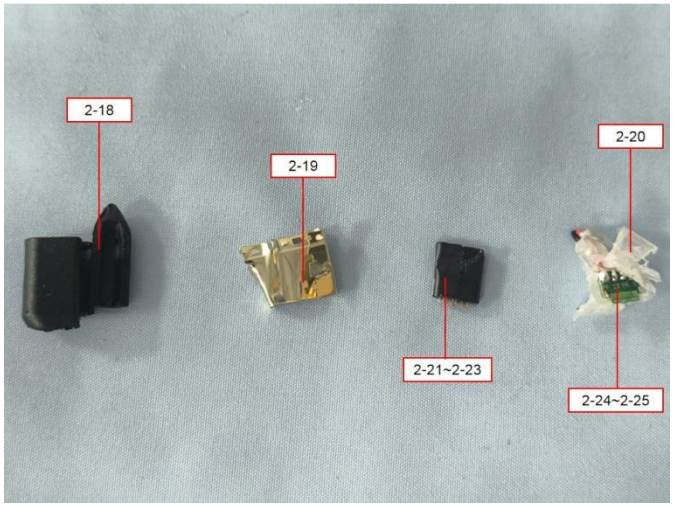
The photo of Disassembly

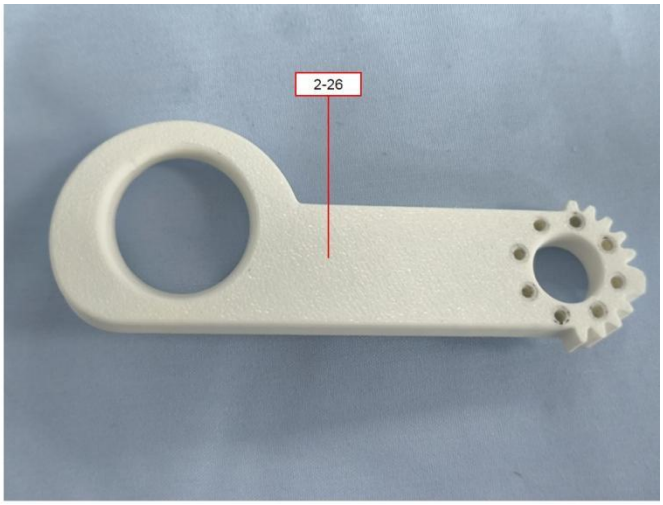


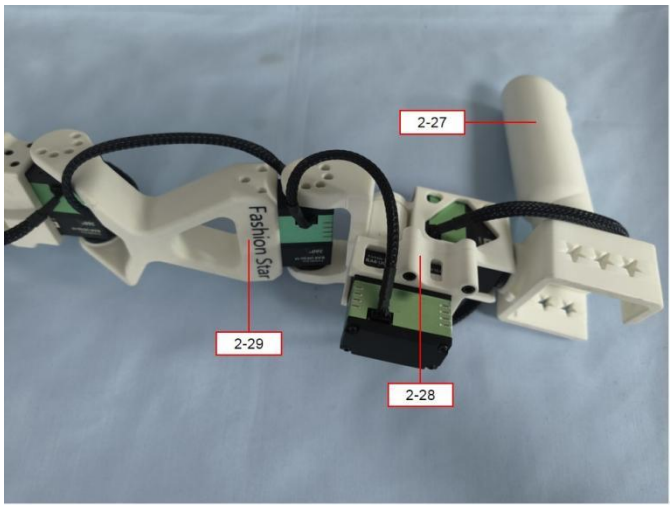


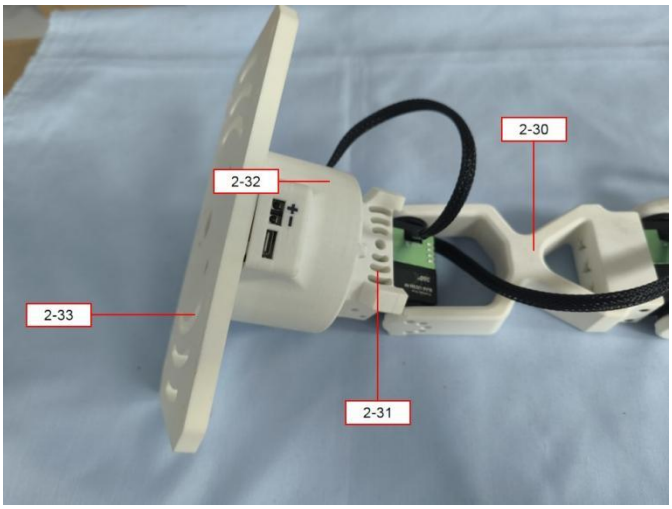

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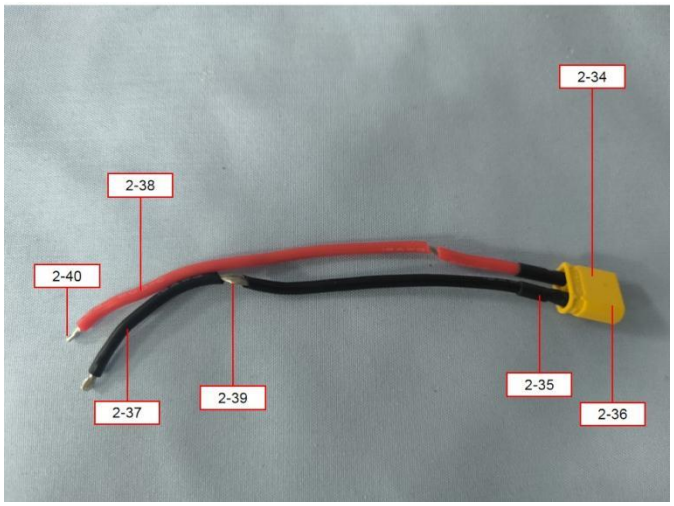

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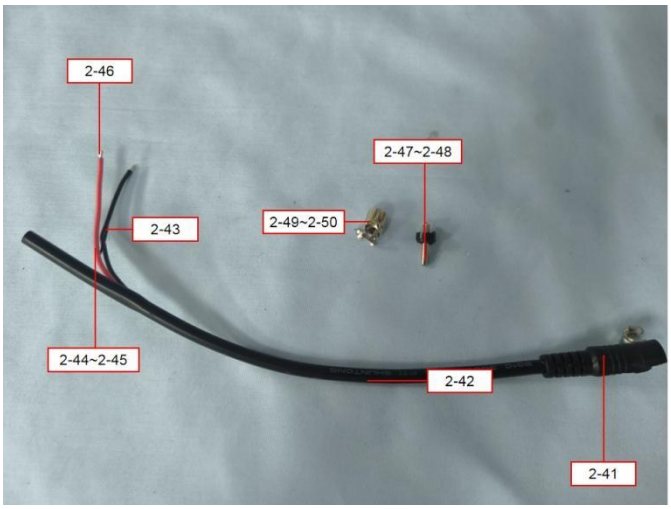

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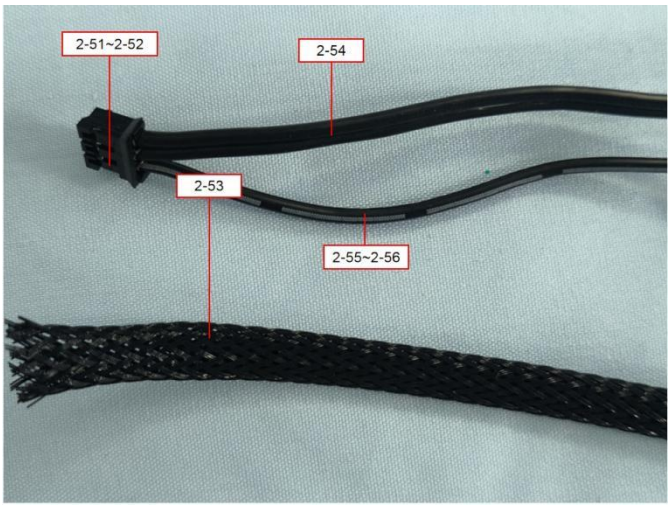

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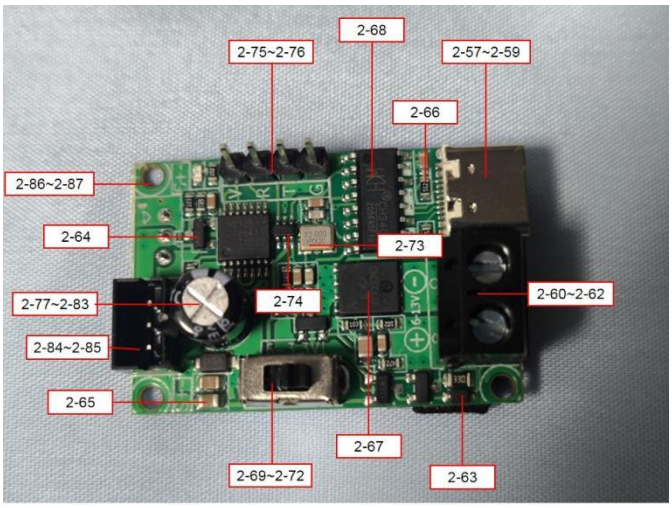

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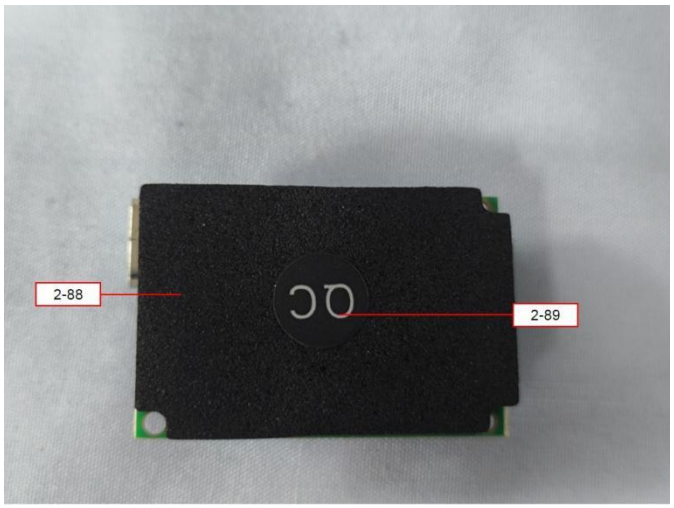

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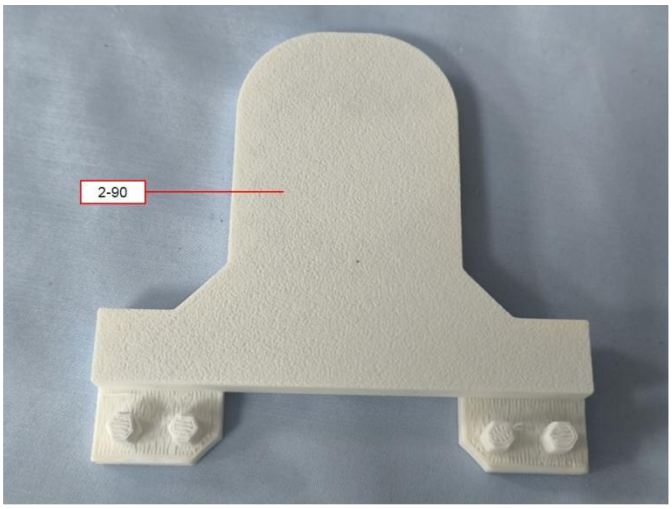

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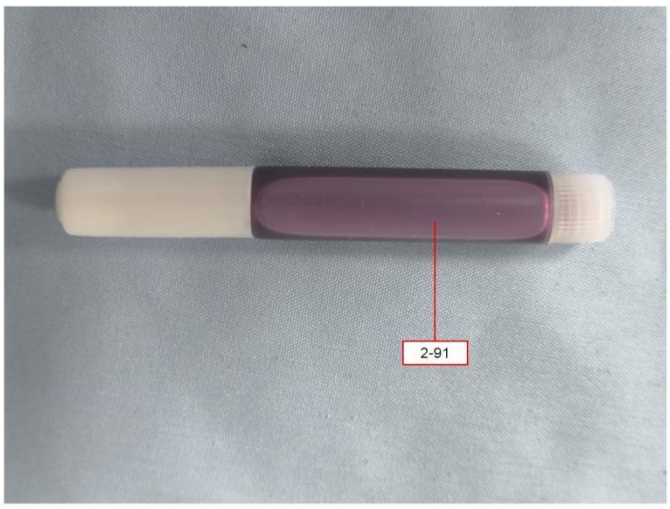

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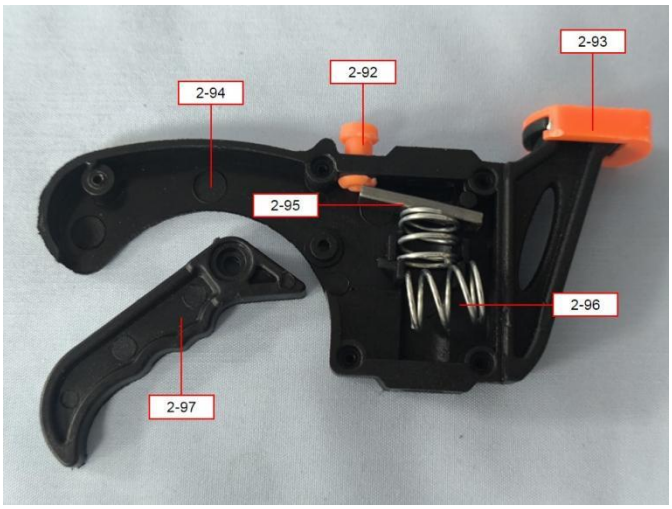

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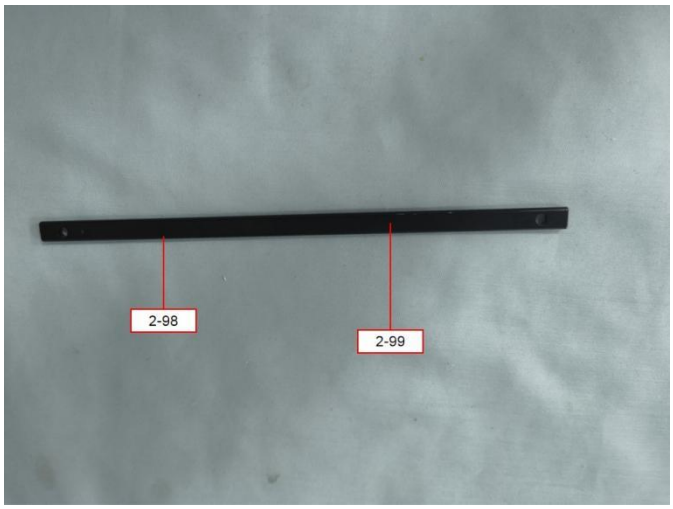

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2-69~2-72
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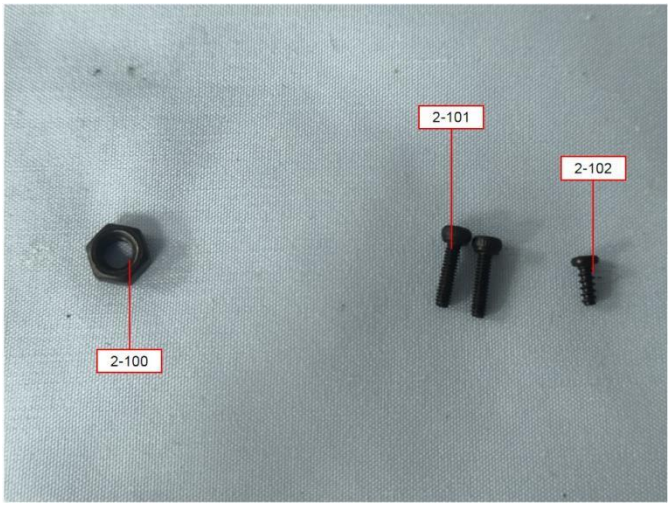

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Statement：

- This report is considered invalid without approved signature and special seal.
- The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which HCT hasn't verified.
- The result(s)(conclusion) shown in this report refer(s) only to the sample(s) tested.
- Without written approval of HCT, this report can't be reproduced except in full.
- Test results in report are intended for purposes such as scientific research, teaching, internal quality control, product research and development, etc...
- Decision rules used in this report:
  (1)According to the Decision rules in the regulations/standards listed in the Test Requested;
  (2)If there is no Decision rules specified in the regulations listed in the Test Requested, then according to CNAS-GL015 Guidelines on Decision Rules and Statements of Conformity, 6.2.1, Simple Acceptance (*w*=0) of The binary Decision rule:
  PASS (Accepted) - The measured value is within the tolerance interval.
  FAIL (Rejected) - The measured value is outside the tolerance interval.

====== End of Report ======