

TEST REPORT

Report No.: **SZ1220118-02735E**

Date: March 17, 2022

Page 1 of 34

Shenzhen Huafurui Technology Co., Ltd

Unit 1401 & 1402, 14/F, JinqiZhigu Mansion (No.4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen, P.R. China

Report on the submitted samples said to be:

Sample Description:	Smartphone
Style/Item No.:	P50
Country of Origin:	China
Brand:	CUBOT
Sample Receiving Date:	January 19,2022
Lately Re-submit Date:	February 16,2022
Testing Period:	January 19,2022 - February 18,2022
Result:	Pass

Signed for and on behalf of

BACL



Checked by: _____
Natalie.Li



Approved by: _____
Lance Lee



TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 2 of 34

Summary of Test Result:

TEST REQUEST

CONCLUSION

A RoHS Directive 2011/65/EU and amendment directives (EU) 2015/863 on Lead,Cadmium, Mercury, Hexavalent Chromium, PBBs & PBDEs, Phthalates(DBP, BBP,DEHP, DIBP) content

A.1 XRF screening test	Pass
A.2 Wet Chemical Testing	
A.2.1 Chromium VI (CrVI) content	Pass
A.2.2 PBBs & PBDEs content	Pass
A.3 Phthalates(DBP, BBP, DEHP, DIBP)content	Pass

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 3 of 34

Result:

Tested part(s):

- (1) Silvery plated coppery metal(pin, EU adapter)
- (2) Silvery metal(USB socket, PCB, EU/UK adapter)
- (3) Silvery/golden metal(pin, USB socket, PCB, EU/UK adapter)
- (4) Silvery metal(pin, PCB, EU adapter)
- (5) Grey printed white plastic(shell, EU/UK adapter)
- (6) White plastic(pin holder, EU adapter)
- (7) White plastic(pin holder, UK adapter)
- (8) White plastic(pin holder, USB socket, PCB, EU/UK adapter)
- (9) Black plastic(sheet, PCB, EU/UK adapter)
- (10) Red printed silvery body(capacitor "C8", PCB, EU/UK adapter)
- (11) Silvery body(capacitor "C7", PCB, EU/UK adapter)
- (12) Silvery body(capacitor "C2", PCB, EU/UK adapter)
- (13) Silvery body(capacitor "C4", PCB, EU/UK adapter)
- (14) White printed green plastic(capacitor "C7", PCB, EU/UK adapter)
- (15) White printed brown plastic(capacitor "C2", PCB, EU/UK adapter)
- (16) White printed black plastic(capacitor "C4", PCB, EU/UK adapter)
- (17) Blue body(capacitor "CY1", PCB, EU/UK adapter)
- (18) Green body(inductor "L1", PCB, EU/UK adapter)
- (19) Silvery metal(pin, inductor "L1", PCB, EU/UK adapter)
- (20) Black soft plastic(sleeve, resistor "FR1", PCB, EU/UK adapter)
- (21) Black body(resistor "FR1", PCB, EU/UK adapter)
- (22) Silvery metal(pin, resistor "FR1", PCB, EU/UK adapter)
- (23) White dry glue(PCB, EU/UK adapter)
- (24) Blue plastic with adhesive(tape, transformer, PCB, EU/UK adapter)
- (25) Yellow plastic with adhesive(tape, transformer, PCB, EU/UK adapter)
- (26) Black dry glue(transformer, PCB, EU/UK adapter)
- (27) Transparent dry glue(transformer, PCB, EU/UK adapter)
- (28) Black plastic(transformer, PCB, EU/UK adapter)
- (29) Black magnet(transformer, PCB, EU/UK adapter)
- (30) Coppery enameled wire(coil, transformer, PCB, EU/UK adapter)
- (31) Coppery metal(coil, transformer, PCB, EU/UK adapter)

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 4 of 34

- (32) Yellow plastic(wire jacket, transformer, PCB, EU/UK adapter)
- (33) Silvery metal(pin, transformer, PCB, EU/UK adapter)
- (34) Black printed transparent plastic with adhesive(tape, transformer, PCB, UK adapter)
- (35) Black body(rectifier "U3", PCB, EU/UK adapter)
- (36) Black body(IC "U1", PCB, EU/UK adapter)
- (37) Black body(SMD diode "D2", PCB, EU/UK adapter)
- (38) Black body(SMD inductor "L2", PCB, EU/UK adapter)
- (39) Brown body(SMD capacitor "C3", PCB, EU/UK adapter)
- (40) Yellow body(SMD capacitor "C5", PCB, EU/UK adapter)
- (41) Brown body(SMD capacitor "C6", PCB, EU/UK adapter)
- (42) Black body(SMD resistor "R1", PCB, EU/UK adapter)
- (43) Black body(SMD resistor "R7", PCB, EU/UK adapter)
- (44) Silvery solder(PCB, EU/UK adapter)
- (45) White printed green coated yellow plastic with adhesive(PCB, EU/UK adapter)
- (46) Silvery plated coppery metal(pin, UK adapter)
- (47) White plastic(shell, speaker, earphone)
- (48) White plastic(cover, speaker, earphone)
- (49) Black fabric with adhesive(dust net, speaker, earphone)
- (50) White plastic(controller, speaker, earphone)
- (51) Translucent plastic(inner, plug, speaker, earphone)
- (52) Black foam with adhesive(speaker, earphone)
- (53) White/black fabric with adhesive(speaker, earphone)
- (54) White dry glue(speaker, earphone)
- (55) Silver-blue plated silvery metal(T-shell, speaker, earphone)
- (56) Silver-blue plated silvery metal(plate, speaker, earphone)
- (57) Silver-blue plated silvery magnet(speaker, earphone)
- (58) Silver-blue plated silvery metal(cover, speaker, earphone)
- (59) Transparent plastic(film, speaker, earphone)
- (60) Coppery enameled wire(coil, speaker, earphone)
- (61) White soft plastic(wire tube, speaker, earphone)
- (62) Silvery solder(PCB, speaker, earphone)
- (63) Green coated beige plastic with coppery metal(PCB, speaker, earphone)
- (64) Silvery solder(PCB, controller, earphone, semi-product)
- (65) Green coated beige plastic with coppery metal(PCB, controller, earphone)

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 5 of 34

- (66) Silvery metal(Shrapnel, PCB, controller, earphone)
- (67) Transparent plastic with adhesive(tape, Shrapnel, PCB, controller, earphone)
- (68) Golden metal(shell, mic, PCB, controller, earphone)
- (69) Red coated beige plastic with coppery metal(PCB, mic, PCB, controller, earphone)
- (70) Black body(SMD triode, mic, PCB, controller, earphone)
- (71) White body(SMD capacitor, mic, PCB, controller, earphone)
- (72) Red plastic(ring, mic, PCB, controller, earphone)
- (73) Silvery plastic(film, mic, PCB, controller, earphone)
- (74) White plastic(ring, mic, PCB, controller, earphone)
- (75) Silvery metal(ring, mic, PCB, controller, earphone)
- (76) Silvery solder(plug, earphone)
- (77) Silvery plated coppery metal(top pin, earphone)
- (78) Silvery plated coppery metal(medium pin, earphone)
- (79) Silvery plated coppery metal(end pin, earphone)
- (80) White PVC(small wire jacket, earphone)
- (81) White PVC(big wire jacket, earphone)
- (82) White PVC(plug, earphone)
- (83) Red enameled wire(earphone)
- (84) Green enameled wire(earphone)
- (85) Blue enameled wire(earphone)
- (86) Coppery enameled wire(earphone)
- (87) Black/yellow printed white plastic with adhesive(label, USB wire)
- (88) White PVC(big USB plug, USB wire)
- (89) White PVC(small USB plug, USB wire)
- (90) White PVC(cable jacket, USB wire)
- (91) Off white plastic(pin holder, big USB plug, USB wire)
- (92) Translucent plastic(inner, big USB plug, USB wire)
- (93) Translucent plastic(inner, small USB plug, USB wire)
- (94) Beige plastic(inner, small USB plug, USB wire)
- (95) Silvery metal(shell, big USB plug, USB wire)
- (96) Silvery/golden metal(pin, big USB plug, USB wire)
- (97) Silvery solder(pin, big USB plug, USB wire)
- (98) Silvery metal(clip, small USB plug, USB wire)
- (99) Silvery/golden metal(pin, small USB plug, USB wire)

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 6 of 34

- (100) Dark grey plastic(pin holder, small USB plug, USB wire)
- (101) Silvery solder(PCB, small USB plug, USB wire)
- (102) Blue coated beige plastic with coppery metal(PCB, small USB plug, USB wire)
- (103) Black body(SMD resistor, PCB, small USB plug, USB wire)
- (104) Brown body(SMD capacitor, PCB, small USB plug, USB wire)
- (105) Red soft plastic(wire jacket, USB wire)
- (106) Black soft plastic(wire jacket, USB wire)
- (107) Green soft plastic(wire jacket, USB wire)
- (108) White soft plastic(wire jacket, USB wire)
- (109) Coppery metal(wire, USB wire)
- (110) Black coated transparent plastic(LED cover, Smartphone)
- (111) Black coated transparent plastic(camera cover, Smartphone)
- (112) Black coated black plastic(button, Smartphone)
- (113) Black soft plastic(LED cover, Smartphone)
- (114) Black plastic(speaker holder, Smartphone)
- (115) Black FPC with adhesive(antennal, speaker holder, Smartphone)
- (116) Black foam with adhesive(pad, speaker holder, Smartphone)
- (117) Black coated black plastic(middle shell, Smartphone)
- (118) Grey/blue coated black plastic(back shell, Smartphone)
- (119) Black plastic with adhesive(back shell, Smartphone)
- (120) Black coated silvery metal(dust net, Smartphone)
- (121) Golden metal(nut, middle shell, Smartphone)
- (122) Silvery grey fabric with adhesive(tape, middle shell, Smartphone)
- (123) Black plastic(middle shell, Smartphone)
- (124) Black plastic(film, switch, middle shell, Smartphone)
- (125) Silvery metal(Shrapnel, switch, middle shell, Smartphone)
- (126) Black plastic(shell, switch, middle shell, Smartphone)
- (127) Golden FPC(switch, middle shell, Smartphone)
- (128) Silvery metal(back of FPC, switch, middle shell, Smartphone)
- (129) Grey metal(middle shell, Smartphone)
- (130) Black plastic with adhesive(tape, middle shell, Smartphone)
- (131) Black foam with adhesive(pad, middle shell, Smartphone)
- (132) Golden metal(pin, socket, screen FPC, Smartphone)
- (133) Black plastic(socket, screen FPC, Smartphone)

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 7 of 34

- (134) Black body(IC, screen FPC, Smartphone)
- (135) Black body(SMD inductor, screen FPC, Smartphone)
- (136) Black body(SMD diode, screen FPC, Smartphone)
- (137) Black body(SMD capacitor, screen FPC, Smartphone)
- (138) Black body(small SMD capacitor, screen FPC, Smartphone)
- (139) Silvery solder(screen FPC, Smartphone)
- (140) Bright grey body(IC, screen FPC, Smartphone)
- (141) Silvery metal(plate, screen FPC, Smartphone)
- (142) Golden plastic with adhesive(tape, screen FPC, Smartphone)
- (143) Golden FPC(screen FPC, Smartphone)
- (144) Light golden/white FPC(screen FPC, Smartphone)
- (145) Silvery foam with adhesive(pad, screen, Smartphone)
- (146) Black foam with adhesive(pad, screen, Smartphone)
- (147) White body(LED, FPC, screen, Smartphone)
- (148) Transparent plastic(hard film, screen, Smartphone)
- (149) White plastic(frame, screen, Smartphone)
- (150) Bright silvery plastic(film, screen, Smartphone)
- (151) Silvery metal(cover, screen, Smartphone)
- (152) Silvery foam with adhesive(pad, screen, Smartphone)
- (153) White plastic(film, screen, Smartphone)
- (154) Transparent silvery plastic(film, screen, Smartphone)
- (155) Translucent silvery plastic(film, screen, Smartphone)
- (156) Silvery grey plastic(film, screen, Smartphone)
- (157) Blue dry glue(screen, Smartphone)
- (158) Transparent glass(screen, Smartphone)
- (159) Black glass(screen, Smartphone)
- (160) Grey plastic(film, screen, Smartphone)
- (161) Black coated transparent blue glass(screen, Smartphone)
- (162) Transparent adhesive(big speaker, Smartphone)
- (163) Silvery/golden metal(pin, big speaker, Smartphone)
- (164) Transparent plastic film with silvery paper(big speaker, Smartphone)
- (165) Silvery metal(frame, big speaker, Smartphone)
- (166) Coppery enameled wire(big speaker, Smartphone)
- (167) Black plastic(shell, big speaker, Smartphone)

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 8 of 34

- (168) Silvery metal(shell, big speaker, Smartphone)
- (169) Silvery metal(plate, big speaker, Smartphone)
- (170) Silvery magnet(big speaker, Smartphone)
- (171) Silvery/golden metal(pin, small speaker, Smartphone)
- (172) Transparent plastic film with white paper(small speaker, Smartphone)
- (173) Silvery metal(frame, small speaker, Smartphone)
- (174) Coppery enameled wire(small speaker, Smartphone)
- (175) Black plastic(shell, small speaker, Smartphone)
- (176) Silvery metal(shell, small speaker, Smartphone)
- (177) Silver-blue plated silvery metal(plate, small speaker, Smartphone)
- (178) Silvery magnet(small speaker, Smartphone)
- (179) Black foam with adhesive(pad, motor, Smartphone)
- (180) Silvery metal(shell, motor, Smartphone)
- (181) Silvery metal(cover, motor, Smartphone)
- (182) Transparent dry glue(motor, Smartphone)
- (183) Silvery solder(FPC, motor, Smartphone)
- (184) Blue PVC(wire jacket, motor, Smartphone)
- (185) Red PVC(wire jacket, motor, Smartphone)
- (186) Silvery metal(wire, motor, Smartphone)
- (187) Transparent plastic(gasket, motor, Smartphone)
- (188) Golden FPC(motor, Smartphone)
- (189) Silvery metal(brush, motor, Smartphone)
- (190) Silvery magnet(motor, Smartphone)
- (191) Silvery metal(rotor, motor, Smartphone)
- (192) Coppery metal(bearing, rotor, motor, Smartphone)
- (193) Coppery enameled wire(coil, rotor, motor, Smartphone)
- (194) White plastic(rotor, motor, Smartphone)
- (195) Green coated with coppery metal(PCB, rotor, motor, Smartphone)
- (196) Black printed white plastic with adhesive(label, Smartphone)
- (197) Silvery metal(cover, main PCB, Smartphone)
- (198) Silvery/yellow metal(cover, main PCB, Smartphone)
- (199) Silvery/grey metal(camera cover, main PCB, Smartphone)
- (200) Silvery metal(screw, shell, Smartphone)
- (201) Silvery metal(screw, PCB holder, Smartphone)

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 9 of 34

- (202) Silvery metal(shell, type-c socket, Smartphone)
- (203) Golden metal(shell, plug, connect wire, Smartphone)
- (204) Golden metal(pin, plug, connect wire, Smartphone)
- (205) Black plastic(insulator, plug, connect wire, Smartphone)
- (206) Black soft plastic(wire jacket, connect wire, Smartphone)
- (207) Transparent soft plastic(wire jacket, connect wire, Smartphone)
- (208) Silvery metal(wire net, connect wire, Smartphone)
- (209) Silvery metal(wire, connect wire, Smartphone)
- (210) Red dry glue(type-c socket, Smartphone)
- (211) Black plastic(type-c socket, Smartphone)
- (212) Golden metal(pin, type-c socket, Smartphone)
- (213) White printed black plastic(FPC, camera, Smartphone)
- (214) Golden FPC(camera, Smartphone)
- (215) Black plastic(shell, small camera, Smartphone)
- (216) Grey body(IC, small camera, Smartphone)
- (217) Silvery metal(plate, camera, Smartphone)
- (218) Transparent plastic(eyeglass, small camera, Smartphone)
- (219) Black plastic(shell, big camera, Smartphone)
- (220) Black body(IC, big camera, Smartphone)
- (221) Black body(SMD triode, PCB, big camera, Smartphone)
- (222) Brown body(big SMD capacitor, PCB, big camera, Smartphone)
- (223) Brown body(small SMD capacitor, PCB, big camera, Smartphone)
- (224) Black coated brown plastic with coppery metal(PCB, big camera, Smartphone)
- (225) Transparent blue glass(eyeglass, big camera, Smartphone)
- (226) Transparent plastic(eyeglass, big camera, Smartphone)
- (227) Black plastic(ring, big camera, Smartphone)
- (228) Silvery metal(shell, camera "A023", Smartphone)
- (229) Silvery magnet(shell, camera "A023", Smartphone)
- (230) Silvery metal(pin, camera "A023", Smartphone)
- (231) Black plastic(shell, camera "A023", Smartphone)
- (232) Dark grey plastic(shell, camera "A023", Smartphone)
- (233) Transparent red glass(eyeglass, camera "A023", Smartphone)
- (234) Black plastic(ring, camera "A023", Smartphone)
- (235) Blue body(IC, PCB, camera "A023", Smartphone)

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 10 of 34

- (236) Brown body(SMD capacitor, PCB, camera "A023", Smartphone)
- (237) Black coated brown plastic with coppery metal(PCB, camera "A023", Smartphone)
- (238) Coppery enameled wire(coil, camera "A023", Smartphone)
- (239) Silvery metal(shell, camera "OGP0228", Smartphone)
- (240) Silvery magnet(shell, camera "OGP0228", Smartphone)
- (241) Silvery metal(pin, camera "OGP0228", Smartphone)
- (242) Golden metal(pin, camera "OGP0228", Smartphone)
- (243) Black plastic(shell, camera "OGP0228", Smartphone)
- (244) Dark grey plastic(shell, camera "OGP0228", Smartphone)
- (245) Transparent blue glass(eyeglass, camera "OGP0228", Smartphone)
- (246) Black plastic(ring, camera "OGP0228", Smartphone)
- (247) Blue body(IC, PCB, camera "OGP0228", Smartphone)
- (248) Brown body(SMD capacitor, PCB, camera "OGP0228", Smartphone)
- (249) Black body(IC, PCB, camera "OGP0228", Smartphone)
- (250) Black coated brown plastic with coppery metal(PCB, camera "OGP0228", Smartphone)
- (251) Coppery enameled wire(coil, camera "OGP0228", Smartphone)
- (252) White printed green coated beige plastic with coppery metal(PCB, Smartphone)
- (253) Silvery/golden metal(pin, power PCB, Smartphone)
- (254) Black body(IC, power PCB, Smartphone)
- (255) Black body(SMD inductor, power PCB, Smartphone)
- (256) Brown body(SMD capacitor, power PCB, Smartphone)
- (257) White body(SMD capacitor, power PCB, Smartphone)
- (258) Black body(SMD resistor, power PCB, Smartphone)
- (259) Black body(inductor, power PCB, Smartphone)
- (260) Silvery body(crystal oscillator, power PCB, Smartphone)
- (261) Silvery solder(power PCB, Smartphone)
- (262) White printed blue coated beige plastic with coppery metal(power PCB, Smartphone)
- (263) Golden metal(shell, round socket, power PCB, Smartphone)
- (264) Golden metal(pin, round socket, power PCB, Smartphone)
- (265) Black plastic(insulator, round socket, power PCB, Smartphone)
- (266) Black plastic(audio socket, main PCB, Smartphone)
- (267) Silvery/golden metal(pin, audio socket, main PCB, Smartphone)
- (268) Silvery metal(shell, SIM/TF socket, main PCB, Smartphone)
- (269) Silvery/golden metal(pin, SIM/TF socket, main PCB, Smartphone)

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 11 of 34

- (270) Dark grey plastic(pin holder, SIM/TF socket, main PCB, Smartphone)
- (271) Silvery metal(shell, battery socket, main PCB, Smartphone)
- (272) Silvery/golden metal(pin, battery socket, main PCB, Smartphone)
- (273) Dark grey plastic(pin holder, battery socket, main PCB, Smartphone)
- (274) White plastic(FPC socket, main PCB, Smartphone)
- (275) Black plastic(cover, FPC socket, main PCB, Smartphone)
- (276) Silvery/golden metal(pin, FPC socket, main PCB, Smartphone)
- (277) Black plastic(cover, LED, main PCB, Smartphone)
- (278) Beige body(LED, main PCB, Smartphone)
- (279) Transparent/white body(LED, main PCB, Smartphone)
- (280) Grey paste(main PCB, Smartphone)
- (281) Silvery body(GPS, main PCB, Smartphone)
- (282) Yellow/white body(LED, main PCB, Smartphone)
- (283) Blue body(IC, main PCB, Smartphone)
- (284) Blue body(small IC, main PCB, Smartphone)
- (285) White body(small IC, main PCB, Smartphone)
- (286) Black body(big IC, main PCB, Smartphone)
- (287) Black body(medium IC, main PCB, Smartphone)
- (288) Black body(small IC, main PCB, Smartphone)
- (289) Brown body(inductor, main PCB, Smartphone)
- (290) Black body(inductor, main PCB, Smartphone)
- (291) Black body(small inductor, main PCB, Smartphone)
- (292) Black body(SMD triode, main PCB, Smartphone)
- (293) Brown body(big SMD capacitor, main PCB, Smartphone)
- (294) Brown body(medium SMD capacitor, main PCB, Smartphone)
- (295) Brown body(small SMD capacitor, main PCB, Smartphone)
- (296) White body(SMD capacitor, main PCB, Smartphone)
- (297) Black body(big SMD resistor, main PCB, Smartphone)
- (298) Black body(medium SMD resistor, main PCB, Smartphone)
- (299) Black body(small SMD resistor, main PCB, Smartphone)
- (300) Black body(SMD inducer, main PCB, Smartphone)
- (301) Silvery body(crystal oscillator, main PCB, Smartphone)
- (302) Silvery solder(main PCB, Smartphone)
- (303) White printed blue coated beige plastic with coppery metal(main PCB, Smartphone)



TEST REPORT

Report No.: **SZ1220118-02735E**

Date: March 17, 2022

Page 12 of 34

- (304) Multi-color printed white plastic with adhesive(label, battery)
- (305) Black plastic(cover, battery)
- (306) Black soft plastic(inner, battery)
- (307) Red paper with adhesive(inner, battery)
- (308) Silvery metal(pin, PCB, battery)
- (309) Golden metal(pin, PCB, battery)
- (310) Black body(big IC, PCB, battery)
- (311) Black body(small IC, PCB, battery)
- (312) Black body(SMD resistor, PCB, battery)
- (313) Brown body(SMD capacitor, PCB, battery)
- (314) Silvery solder(PCB, battery)
- (315) White printed black coated beige plastic with coppery metal(PCB, battery)
- (316) Black plastic(insulator, plug, earphone)

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 13 of 34

A RoHS Directive 2011/65/EU and amendment directives (EU) 2015/863 on Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs & PBDEs, Phthalates (DBP, BBP, DEHP, DIBP) content

A.1 XRF screening test

Test method: IEC 62321-3-1:2013

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(1)	BL	BL	BL	BL	---
(2)	BL	BL	BL	BL	---
(3)	BL	BL	BL	BL	---
(4)	BL	BL	BL	BL	---
(5)*	BL	BL	BL	BL	X
(6)	BL	BL	BL	BL	BL
(7)	BL	BL	BL	BL	BL
(8)	BL	BL	BL	BL	BL
(9)*	BL	BL	BL	BL	X
(10)	BL	BL	BL	BL	BL
(11)	BL	BL	BL	BL	BL
(12)	BL	BL	BL	BL	BL
(13)	BL	BL	BL	BL	BL
(14)	BL	BL	BL	BL	BL
(15)	BL	BL	BL	BL	BL
(16)	BL	BL	BL	BL	BL
(17)	BL	BL	BL	BL	BL
(18)	BL	BL	BL	BL	BL
(19)	BL	BL	BL	BL	---
(20)	BL	BL	BL	BL	BL
(21)	BL	BL	BL	BL	BL
(22)	BL	BL	BL	BL	---
(23)	BL	BL	BL	BL	BL
(24)	BL	BL	BL	BL	BL
(25)	BL	BL	BL	BL	BL
(26)	BL	BL	BL	BL	BL
(27)	BL	BL	BL	BL	BL

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 14 of 34

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(28)	BL	BL	BL	BL	BL
(29)	BL	BL	BL	BL	BL
(30)	BL	BL	BL	BL	BL
(31)	BL	BL	BL	BL	---
(32)	BL	BL	BL	BL	BL
(33)	BL	BL	BL	BL	---
(34)	BL	BL	BL	BL	BL
(35)	BL	BL	BL	BL	BL
(36)	BL	BL	BL	BL	BL
(37)	BL	BL	BL	BL	BL
(38)	BL	BL	BL	BL	BL
(39)	BL	BL	BL	BL	BL
(40)	BL	BL	BL	BL	BL
(41)	BL	BL	BL	BL	BL
(42)* ²	OL(1763)	BL	BL	BL	---
(43)	BL	BL	BL	BL	---
(44)	BL	BL	BL	BL	---
(45)*	BL	BL	BL	BL	X
(46)* ¹	OL(24460)	BL	BL	BL	---
(47)	BL	BL	BL	BL	BL
(48)	BL	BL	BL	BL	BL
(49)	BL	BL	BL	BL	BL
(50)	BL	BL	BL	BL	BL
(51)	BL	BL	BL	BL	BL
(52)	BL	BL	BL	BL	BL
(53)	BL	BL	BL	BL	BL
(54)	BL	BL	BL	BL	BL
(55)*	BL	BL	BL	X	---
(56)*	BL	BL	BL	X	---
(57)	BL	BL	BL	BL	BL
(58)*	BL	BL	BL	X	---

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 15 of 34

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(59)	BL	BL	BL	BL	BL
(60)	BL	BL	BL	BL	BL
(61)	BL	BL	BL	BL	BL
(62)	BL	BL	BL	BL	---
(63)*	BL	BL	BL	BL	X
(64)	BL	BL	BL	BL	---
(65)*	BL	BL	BL	BL	X
(66)	BL	BL	BL	BL	---
(67)	BL	BL	BL	BL	BL
(68)	BL	BL	BL	BL	---
(69)*	BL	BL	BL	BL	X
(70)	BL	BL	BL	BL	BL
(71)	BL	BL	BL	BL	BL
(72)	BL	BL	BL	BL	BL
(73)	BL	BL	BL	BL	BL
(74)	BL	BL	BL	BL	BL
(75)	BL	BL	BL	BL	---
(76)	BL	BL	BL	BL	---
(77)* ¹	OL(19819)	BL	BL	BL	---
(78)	BL	BL	BL	BL	---
(79)* ¹	OL(27995)	BL	BL	BL	---
(80)	BL	BL	BL	BL	BL
(81)	BL	BL	BL	BL	BL
(82)	BL	BL	BL	BL	BL
(83)	BL	BL	BL	BL	BL
(84)	BL	BL	BL	BL	BL
(85)	BL	BL	BL	BL	BL
(86)	BL	BL	BL	BL	BL
(87)	BL	BL	BL	BL	BL
(88)	BL	BL	BL	BL	BL
(89)	BL	BL	BL	BL	BL

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 16 of 34

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(90)	BL	BL	BL	BL	BL
(91)	BL	BL	BL	BL	BL
(92)	BL	BL	BL	BL	BL
(93)	BL	BL	BL	BL	BL
(94)	BL	BL	BL	BL	BL
(95)	BL	BL	BL	BL	---
(96)	BL	BL	BL	BL	---
(97)	BL	BL	BL	BL	---
(98)	BL	BL	BL	BL	---
(99)	BL	BL	BL	BL	---
(100)	BL	BL	BL	BL	BL
(101)	BL	BL	BL	BL	---
(102)*	BL	BL	BL	BL	X
(103)	BL	BL	BL	BL	BL
(104)	BL	BL	BL	BL	BL
(105)	BL	BL	BL	BL	BL
(106)	BL	BL	BL	BL	BL
(107)	BL	BL	BL	BL	BL
(108)	BL	BL	BL	BL	BL
(109)	BL	BL	BL	BL	---
(110)	BL	BL	BL	BL	BL
(111)	BL	BL	BL	BL	BL
(112)	BL	BL	BL	BL	BL
(113)	BL	BL	BL	BL	BL
(114)	BL	BL	BL	BL	BL
(115)	BL	BL	BL	BL	BL
(116)	BL	BL	BL	BL	BL
(117)	BL	BL	BL	BL	BL
(118)	BL	BL	BL	BL	BL
(119)	BL	BL	BL	BL	BL
(120)	BL	BL	BL	BL	---

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 17 of 34

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(121)*1	OL(27009)	BL	BL	BL	---
(122)	BL	BL	BL	BL	BL
(123)	BL	BL	BL	BL	BL
(124)	BL	BL	BL	BL	BL
(125)	BL	BL	BL	BL	---
(126)	BL	BL	BL	BL	BL
(127)	BL	BL	BL	BL	BL
(128)	BL	BL	BL	BL	---
(129)	BL	BL	BL	BL	---
(130)	BL	BL	BL	BL	BL
(131)	BL	BL	BL	BL	BL
(132)	BL	BL	BL	BL	---
(133)	BL	BL	BL	BL	BL
(134)	BL	BL	BL	BL	BL
(135)	BL	BL	BL	BL	BL
(136)	BL	BL	BL	BL	BL
(137)	BL	BL	BL	BL	BL
(138)	BL	BL	BL	BL	BL
(139)	BL	BL	BL	BL	---
(140)	BL	BL	BL	BL	BL
(141)	BL	BL	BL	BL	---
(142)	BL	BL	BL	BL	BL
(143)	BL	BL	BL	BL	BL
(144)	BL	BL	BL	BL	BL
(145)	BL	BL	BL	BL	BL
(146)	BL	BL	BL	BL	BL
(147)	BL	BL	BL	BL	BL
(148)	BL	BL	BL	BL	BL
(149)	BL	BL	BL	BL	BL
(150)	BL	BL	BL	BL	BL
(151)	BL	BL	BL	BL	---

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 18 of 34

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(152)	BL	BL	BL	BL	BL
(153)	BL	BL	BL	BL	BL
(154)	BL	BL	BL	BL	BL
(155)	BL	BL	BL	BL	BL
(156)	BL	BL	BL	BL	BL
(157)	BL	BL	BL	BL	BL
(158)	BL	BL	BL	BL	BL
(159)	BL	BL	BL	BL	BL
(160)	BL	BL	BL	BL	BL
(161)	BL	BL	BL	BL	BL
(162)	BL	BL	BL	BL	BL
(163)	BL	BL	BL	BL	---
(164)	BL	BL	BL	BL	BL
(165)	BL	BL	BL	BL	---
(166)	BL	BL	BL	BL	BL
(167)	BL	BL	BL	BL	BL
(168)	BL	BL	BL	BL	---
(169)	BL	BL	BL	BL	---
(170)	BL	BL	BL	BL	BL
(171)	BL	BL	BL	BL	---
(172)	BL	BL	BL	BL	BL
(173)	BL	BL	BL	BL	---
(174)	BL	BL	BL	BL	BL
(175)	BL	BL	BL	BL	BL
(176)	BL	BL	BL	BL	---
(177)	BL	BL	BL	BL	---
(178)	BL	BL	BL	BL	BL
(179)	BL	BL	BL	BL	BL
(180)	BL	BL	BL	BL	---
(181)	BL	BL	BL	BL	---
(182)	BL	BL	BL	BL	BL

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 19 of 34

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(183)	BL	BL	BL	BL	---
(184)	BL	BL	BL	BL	BL
(185)	BL	BL	BL	BL	BL
(186)	BL	BL	BL	BL	---
(187)	BL	BL	BL	BL	BL
(188)	BL	BL	BL	BL	BL
(189)	BL	BL	BL	BL	---
(190)	BL	BL	BL	BL	BL
(191)	BL	BL	BL	BL	---
(192)	BL	BL	BL	BL	---
(193)	BL	BL	BL	BL	BL
(194)	BL	BL	BL	BL	BL
(195)	BL	BL	BL	BL	---
(196)	BL	BL	BL	BL	BL
(197)	BL	BL	BL	BL	---
(198)	BL	BL	BL	BL	---
(199)	BL	BL	BL	BL	---
(200)	BL	BL	BL	BL	---
(201)	BL	BL	BL	BL	---
(202)	BL	BL	BL	BL	---
(203)	BL	BL	BL	BL	---
(204)	BL	BL	BL	BL	---
(205)	BL	BL	BL	BL	BL
(206)	BL	BL	BL	BL	BL
(207)	BL	BL	BL	BL	BL
(208)	BL	BL	BL	BL	---
(209)	BL	BL	BL	BL	---
(210)	BL	BL	BL	BL	BL
(211)	BL	BL	BL	BL	BL
(212)	BL	BL	BL	BL	---
(213)	BL	BL	BL	BL	BL

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 20 of 34

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(214)	BL	BL	BL	BL	BL
(215)	BL	BL	BL	BL	BL
(216)	BL	BL	BL	BL	BL
(217)	BL	BL	BL	BL	---
(218)	BL	BL	BL	BL	BL
(219)	BL	BL	BL	BL	BL
(220)	BL	BL	BL	BL	BL
(221)	BL	BL	BL	BL	BL
(222)	BL	BL	BL	BL	BL
(223)	BL	BL	BL	BL	BL
(224)	BL	BL	BL	BL	---
(225)	BL	BL	BL	BL	BL
(226)	BL	BL	BL	BL	BL
(227)	BL	BL	BL	BL	BL
(228)	BL	BL	BL	BL	---
(229)	BL	BL	BL	BL	BL
(230)	BL	BL	BL	BL	---
(231)	BL	BL	BL	BL	BL
(232)	BL	BL	BL	BL	BL
(233)	BL	BL	BL	BL	---
(234)	BL	BL	BL	BL	BL
(235)	BL	BL	BL	BL	BL
(236)	BL	BL	BL	BL	BL
(237)	BL	BL	BL	BL	---
(238)	BL	BL	BL	BL	BL
(239)	BL	BL	BL	BL	---
(240)	BL	BL	BL	BL	BL
(241)	BL	BL	BL	BL	---
(242)	BL	BL	BL	BL	---
(243)	BL	BL	BL	BL	BL
(244)	BL	BL	BL	BL	BL

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 21 of 34

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(245)	BL	BL	BL	BL	---
(246)	BL	BL	BL	BL	BL
(247)	BL	BL	BL	BL	BL
(248)	BL	BL	BL	BL	BL
(249)	BL	BL	BL	BL	BL
(250)	BL	BL	BL	BL	---
(251)	BL	BL	BL	BL	BL
(252)	BL	BL	BL	BL	---
(253)	BL	BL	BL	BL	---
(254)	BL	BL	BL	BL	BL
(255)	BL	BL	BL	BL	BL
(256)	BL	BL	BL	BL	BL
(257)	BL	BL	BL	BL	BL
(258)	BL	BL	BL	BL	BL
(259)	BL	BL	BL	BL	BL
(260)	BL	BL	BL	BL	BL
(261)	BL	BL	BL	BL	---
(262)*	BL	BL	BL	BL	X
(263)	BL	BL	BL	BL	---
(264)	BL	BL	BL	BL	---
(265)	BL	BL	BL	BL	BL
(266)	BL	BL	BL	BL	BL
(267)	BL	BL	BL	BL	---
(268)	BL	BL	BL	BL	---
(269)	BL	BL	BL	BL	---
(270)	BL	BL	BL	BL	BL
(271)	BL	BL	BL	BL	---
(272)	BL	BL	BL	BL	---
(273)	BL	BL	BL	BL	BL
(274)	BL	BL	BL	BL	BL
(275)	BL	BL	BL	BL	BL

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 22 of 34

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(276)	BL	BL	BL	BL	---
(277)	BL	BL	BL	BL	BL
(278)	BL	BL	BL	BL	BL
(279)	BL	BL	BL	BL	BL
(280)	BL	BL	BL	BL	BL
(281)	BL	BL	BL	BL	BL
(282)	BL	BL	BL	BL	BL
(283)	BL	BL	BL	BL	BL
(284)	BL	BL	BL	BL	BL
(285)	BL	BL	BL	BL	BL
(286)	BL	BL	BL	BL	BL
(287)	BL	BL	BL	BL	BL
(288)	BL	BL	BL	BL	BL
(289)	BL	BL	BL	BL	BL
(290)	BL	BL	BL	BL	BL
(291)	BL	BL	BL	BL	BL
(292)	BL	BL	BL	BL	BL
(293)	BL	BL	BL	BL	BL
(294)	BL	BL	BL	BL	BL
(295)	BL	BL	BL	BL	BL
(296)	BL	BL	BL	BL	BL
(297)	BL	BL	BL	BL	---
(298)	BL	BL	BL	BL	---
(299)	BL	BL	BL	BL	BL
(300)	BL	BL	BL	BL	BL
(301)	BL	BL	BL	BL	BL
(302)	BL	BL	BL	BL	---
(303)*	BL	BL	BL	BL	X
(304)	BL	BL	BL	BL	BL
(305)	BL	BL	BL	BL	BL
(306)	BL	BL	BL	BL	BL

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 23 of 34

Seq No.	Result				
	Pb	Cd	Hg	Cr	Br
(307)	BL	BL	BL	BL	BL
(308)	BL	BL	BL	BL	---
(309)	BL	BL	BL	BL	---
(310)	BL	BL	BL	BL	BL
(311)	BL	BL	BL	BL	BL
(312)	BL	BL	BL	BL	BL
(313)	BL	BL	BL	BL	BL
(314)	BL	BL	BL	BL	---
(315)*	BL	BL	BL	BL	X
(316)	BL	BL	BL	BL	BL

Note:

--- = Not Applicable.

* = Screening by XRF and detected by chemical method. The test result of chemical method please refer to next pages.

*¹ = As claimed by the material declaration submitted by the client, the materials of the sample No. 46,77,79,121 are copper alloy. And according to RoHS directive 2011/65/EU and its amendments, Lead is exempted as an alloying element in Copper containing up to 4% (40000ppm) by weight.

*² = As claimed by the material declaration submitted by the client, the materials of the sample No. 42 is ceramic. And according to RoHS directive 2011/65/EU and its amendments, Lead is exempted in electronic ceramic parts (e.g. piezoelectronic devices).

TEST REPORT

Report No.: **SZ1220118-02735E**

Date: March 17, 2022

Page 24 of 34

Remark:

i Result were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013.

Element	Unit	Polymers	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ<X <130+3σ≤OL	BL≤70-3σ<X <130+3σ≤OL	BL≤50-3σ<X <150+3σ≤OL
Pb	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Hg	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Cr	mg/kg	BL≤700-3σ<X	BL≤700-3σ<X	BL≤500-3σ<X
Br	mg/kg	BL≤300-3σ<X	--	BL≤250-3σ<X

Note:

BL = Below Limit

OL = Over Limit

IN / X = Inconclusive (questionable, need further chemical analysis)

ii The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

iii The maximum permissible limit is quoted from the RoHS directive 2011/65/EU:

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominated diphenylethers (PBDEs)	1000

Disclaimers:

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

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

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 25 of 34

A.2 Wet Chemical Testing

A.2.1 Chromium VI (CrVI) content

Chromium VI (CrVI) content(In metal)

Test method: IEC 62321-7-1:2015

Item	Unit	MDL	Result			Limit
			(55)	(56)	(58)	
hexavalent chromium(Cr VI)	µg/cm ²	0.10	N.D.	N.D.	N.D.	See Remark
Conclusion	/	/	Pass	Pass	Pass	/

Limit Remark:

- The sample is positive for CrVI if the CrVI concentration is greater than 0.13µg/cm². The sample coating is considered to contain CrVI
 - The sample is negative for CrVI if CrVI is ND (concentration less than 0.10µg/cm²). The coating is considered a non-CrVI based coating
 - The result between 0.10µg/cm² and 0.13µg/cm² is considered to be inconclusive -unavoidable coating variations may influence the determination
- For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

A.2.2 PBBs & PBDEs content

Test method: IEC 62321-6:2015

Item	Unit	MDL	Result					Limit
			(5)	(9)	(45)	(63)	(65)	
Monobromobiphenyl (MonoBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromobiphenyl(DiBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromobiphenyl(TriBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl(TetraBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromobiphenyl(PentaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromobiphenyl(HexaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromobiphenyl(OctaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromobiphenyl(NonaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromobiphenyl(DecaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 26 of 34

Item	Unit	MDL	Result					Limit
			(5)	(9)	(45)	(63)	(65)	
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
sum of MonoBDE, DiBDE, TriBDE, TetraBDE, PentaBDE, HexaBDE, HeptaBDE, OctaBDE, NonaBDE, DecaBDE	mg/kg	-	/	/	/	/	/	1000
sum of MonoBB, DiBB, TriBB, TetraBB, PentaBB, HexaBB, HeptaBB, OctaBB, NonaBB, DecaBB	mg/kg	-	/	/	/	/	/	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result					Limit
			(69)	(102)	(262)	(303)	(315)	
Monobromobiphenyl (MonoBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromobiphenyl (DiBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromobiphenyl (TriBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl (TetraBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromobiphenyl (PentaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromobiphenyl (HexaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromobiphenyl (OctaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromobiphenyl (NonaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromobiphenyl (DecaBB)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 27 of 34

Item	Unit	MDL	Result					Limit
			(69)	(102)	(262)	(303)	(315)	
Monobromodiphenyl ether (MonoBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	-
sum of MonoBDE, DiBDE, TriBDE, TetraBDE, PentaBDE, HexaBDE, HeptaBDE, OctaBDE, NonaBDE, DecaBDE	mg/kg	-	/	/	/	/	/	1000
sum of MonoBB, DiBB, TriBB, TetraBB, PentaBB, HexaBB, HeptaBB, OctaBB, NonaBB, DecaBB	mg/kg	-	/	/	/	/	/	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

A.3 Phthalates(DBP, BBP, DEHP, DIBP)content

Test method: IEC 62321-8:2017

Item	Unit	MDL	Result						Limit
			(5)+(6)+(7)	(8)+(20)+(32)	(9)	(10)+(11)+(12)	(13)+(17)+(18)	(14)+(15)+(16)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 28 of 34

Item	Unit	MDL	Result						Limit
			(5)+(6)+(7)	(8)+(20)+(32)	(9)	(10)+(11)+(12)	(13)+(17)+(18)	(14)+(15)+(16)	
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result						Limit
			(21)+(35)+(36)	(23)	(24)+(25)+(27)	(26)	(28)+(47)+(48)	(30)+(34)+(49)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result						Limit
			(37)+(70)+(83)	(45)+(65)+(102)	(50)+(51)+(53)	(52)+(130)+(131)	(54)+(59)+(60)	(61)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result						Limit
			(63)+(69)+(195)	(67)+(84)+(85)	(72)+(73)+(74)	(80)	(81)	(82)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	97	119	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	53	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 29 of 34

Item	Unit	MDL	Result						Limit
			(86)+(103)+(104)	(87)+(91)+(92)	(88)	(89)	(90)	(93)+(94)+(100)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result						Limit
			(105)+(106)+(107)	(108)+(112)+(114)	(110)+(111)+(113)	(115)+(127)+(143)	(116)+(122)+(142)	(117)+(118)+(123)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result						Limit
			(119)+(146)+(196)	(124)+(126)+(133)	(134)+(140)+(144)	(145)+(157)+(179)	(147)+(188)+(193)	(148)+(149)+(150)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result						Limit
			(152)+(182)+(210)	(153)+(154)+(155)	(156)+(160)+(187)	(162)+(164)+(166)	(167)+(211)+(219)	(172)+(174)+(175)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 30 of 34

Item	Unit	MDL	Result						Limit
			(184)	(185)	(194)+(205) +(206)	(207)+(213) +(215)	(214)+(216) +(220)	(218)+(226) +(227)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	53	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result						Limit
			(221)+(222) +(223)	(224)+(252)	(231)+(232) +(234)	(235)+(236) +(238)	(237)+(250)	(243)+(244) +(246)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result						Limit
			(247)+(248) +(249)	(251)+(254) +(259)	(260)+(278) +(279)	(262)+(303) +(315)	(265)+(270) +(273)	(266)+(305) +(316)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result					Limit
			(274)+(275)+ (277)	(280)+(281)+ (282)	(283)+(284)+ (285)	(286)+(287)+ (288)	(289)+(290)+ (291)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

TEST REPORT

Report No.: **SZ1220118-02735E**

Date: March 17, 2022

Page 31 of 34

Item	Unit	MDL	Result				Limit
			(292)+(300)+(301)	(304)+(306)	(307)	(310)+(311)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Note:

- N.D.= Not Detected or less than MDL
- MDL = Method Detection Limit
- "+" = Composite testing.
- The Result less than MDL are not taken into account while calculating the sum contents.

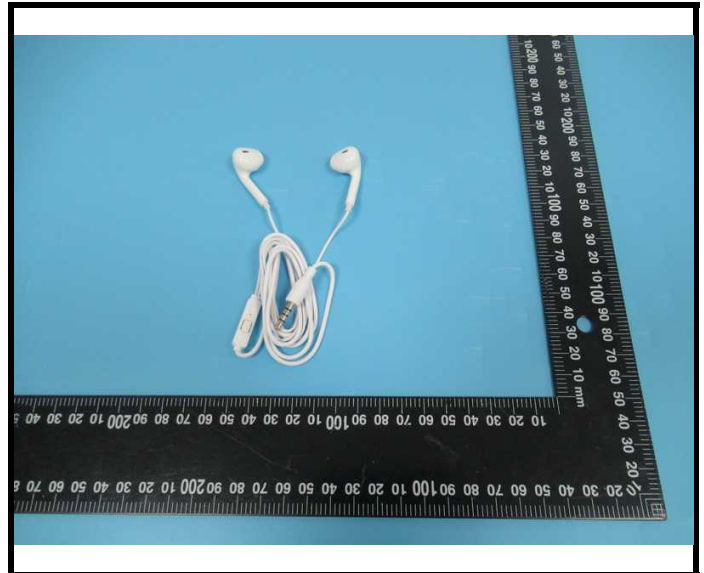
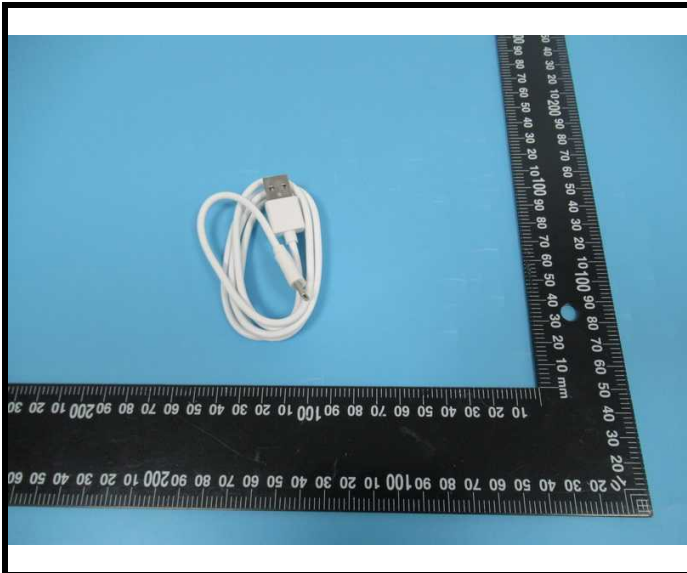
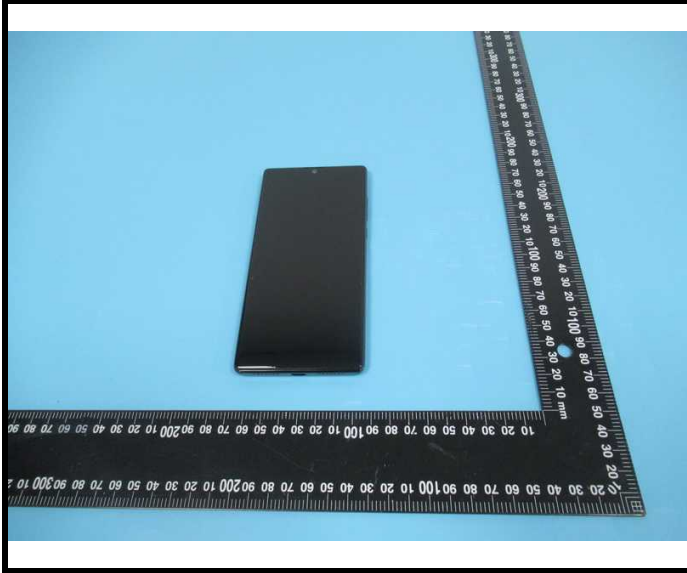
TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 32 of 34

Photograph of Sample

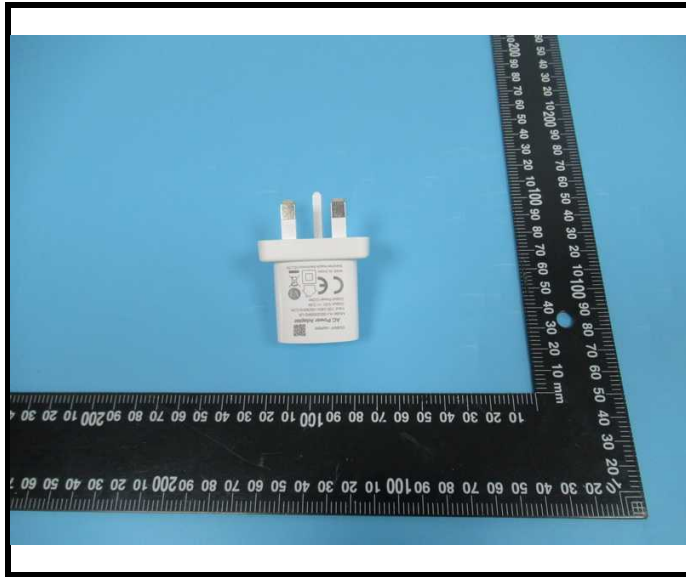


TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 33 of 34



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TEST REPORT

Report No.: SZ1220118-02735E

Date: March 17, 2022

Page 34 of 34

Statement:

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- 2.Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
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- 6.The test samples were in good condition before testing.

*** End of Report ***