



TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 1 of 14

Shenzhen Xin Yuan Electronic Technology Co, Ltd.

**Room 803, Block A, YSW (You Suo Wei) Building, No. 2000, Jiaxian Road, Bantian Street, Longgang District,
Postcode 518129, Shenzhen City, Guangdong Province, China**

Report on the submitted samples said to be:

Sample Description:	T-WATCH S3
Style/Item No.:	T-WATCH S3
Brand:	LILYGO
Sample Receiving Date:	June 18,2024
Lately Re-submit Date:	July 24,2024
Testing Period:	June 18,2024 - July 28,2024
Result:	Please refer to next page(s).

Signed for and on behalf of

BACL

Queenie Lee

Checked by: _____
Queenie Lee

Len Xie

Approved by: _____
Len Xie

TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 2 of 14

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 PBBs & PBDEs content

Pass

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

Pass

TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 3 of 14

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.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(1)	Black PVC(cover, big plug, USB cable)	BL	BL	BL	BL	BL
(2)	Silvery metal(cover, big plug, USB cable)	BL	BL	BL	BL	---
(3)	White PVC(inner cover, big plug, USB cable)	BL	BL	BL	BL	BL
(4)	White plastic(pin holder, big plug, USB cable)	BL	BL	BL	BL	BL
(5)	Silvery metal(pin, big plug, USB cable)	BL	BL	BL	BL	---
(6)	Silvery solder(pin, big plug, USB cable)	BL	BL	BL	BL	---
(7)	Black PVC(cover, small plug, USB cable)	BL	BL	BL	BL	BL
(8)	Silvery metal(cover, small plug, USB cable)	BL	BL	BL	BL	---
(9)	White PVC(inner cover, small plug, USB cable)	BL	BL	BL	BL	BL
(10)	Black plastic(pin holder, small plug, USB cable)	BL	BL	BL	BL	BL
(11)	Silvery metal(pin, small plug, USB cable)	BL	BL	BL	BL	---
(12)	Silvery metal(hook, small plug, USB cable)	BL	BL	BL	BL	---
(13)	Silvery solder(small plug, USB cable)	BL	BL	BL	BL	---
(14)	Black PVC(wire jacket, USB cable)	BL	BL	BL	BL	BL
(15)	Black PVC(inner wire jacket, USB cable)	BL	BL	BL	BL	BL
(16)	Red PVC(inner wire jacket, USB cable)	BL	BL	BL	BL	BL
(17)	White PVC(inner wire jacket, USB cable)	BL	BL	BL	BL	BL
(18)	Green PVC(inner wire jacket, USB cable)	BL	BL	BL	BL	BL
(19)	Coppery metal(inner wire, USB cable)	BL	BL	BL	BL	---
(20)	Black soft plastic(watchband, WATCH)	BL	BL	BL	BL	BL
(21)	Silvery metal(button, watchband, WATCH)	BL	BL	BL	BL	---
(22)	Black plastic(holder, watchband, WATCH)	BL	BL	BL	BL	BL
(23)	White coated black plastic(rear cover, WATCH)	BL	BL	BL	BL	BL
(24)	Black plated silvery metal(screw, holder, WATCH)	BL	BL	BL	BL	---
(25)	Black plastic(holder, WATCH)	BL	BL	BL	BL	BL
(26)	Blue PVC(wire jacket, speaker/MOTOR, WATCH)	BL	BL	BL	BL	BL
(27)	Red PVC(wire jacket, speaker/MOTOR, WATCH)	BL	BL	BL	BL	BL

Bay Area Compliance Laboratories Corp. (Shenzhen)

5/F. (B-West), 6&7/F., The 3rd Phase of Wanli Industrial Building D, Shihua Road, Fubao Community, Fubao Subdistrict, Futian District, Shenzhen, Guangdong, China

Tel: +86-755-33320018 Fax: +86-755-33320008

QB-CH-R001 (V1.0)

TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 4 of 14

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(28)	Silvery metal(inner wire, speaker, WATCH)	BL	BL	BL	BL	---
(29)	Silvery solder(speaker, WATCH)	BL	BL	BL	BL	---
(30)	Black foam with adhesive(sticker, speaker, WATCH)	BL	BL	BL	BL	BL
(31)	Black printed white paper with adhesive(sticker, speaker, WATCH)	BL	BL	BL	BL	BL
(32)	Clear plastic(film, speaker, WATCH)	BL	BL	BL	BL	BL
(33)	Silvery metal(film, speaker, WATCH)	BL	BL	BL	BL	---
(34)	Silvery metal(slice, speaker, WATCH)	BL	BL	BL	BL	---
(35)	Silvery magnet(slice, speaker, WATCH)	BL	BL	BL	BL	---
(36)	Coppery metal(coil, speaker, WATCH)	BL	BL	BL	BL	---
(37)	Blue printed white paper with adhesive(sticker, WATCH)	BL	BL	BL	BL	BL
(38)	Black coated clear glass(cover, screen, WATCH)	BL	BL	BL	BL	BL
(39)	Black glass with liquid crystal(screen, WATCH)	BL	BL	BL	BL	BL
(40)	Silvery metal(wire, MOTOR, WATCH)	BL	BL	BL	BL	---
(41)	Black foam with adhesive(sticker, MOTO, WATCH)	BL	BL	BL	BL	BL
(42)	Clear/black double faced adhesive tape(sticker, MOTOR, WATCH)	BL	BL	BL	BL	BL
(43)	Clear dry glue(MOTOR, WATCH)	BL	BL	BL	BL	BL
(44)	Silvery metal(shell, MOTOR, WATCH)	BL	BL	BL	BL	---
(45)	Clear plastic with adhesive(inner sticker, MOTOR, WATCH)	BL	BL	BL	BL	BL
(46)	Silvery metal(pole, MOTOR, WATCH)	BL	BL	BL	BL	---
(47)	Coppery metal(bearings, MOTOR, WATCH)	BL	BL	BL	BL	---
(48)	Coppery metal(coil, MOTOR, WATCH)	BL	BL	BL	BL	---
(49)	Silvery metal(rotor, MOTOR, WATCH)	BL	BL	BL	BL	---
(50)	White plastic(holder, MOTOR, WATCH)	BL	BL	BL	BL	BL
(51)	Silvery magnet(loop, MOTOR, WATCH)	BL	BL	BL	BL	---
(52)	Green coated black plastic with coppery metal(PCB, MOTOR, WATCH)	BL	BL	BL	BL	BL
(53)	Brown plastic with coppery metal(FPC, MOTOR, WATCH)	BL	BL	BL	BL	BL
(54)	Black PVC(wire jacket, antennae, WATCH)	BL	BL	BL	BL	BL
(55)	Silvery metal(wire, antennae, WATCH)	BL	BL	BL	BL	---
(56)	Silvery solder(wire, antennae, WATCH)	BL	BL	BL	BL	---
(57)*	Black/brown plastic with coppery metal(FPC, antennae, WATCH)	BL	BL	BL	BL	X

TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 5 of 14

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(58)	Clear double faced adhesive tape(FPC, antennae, WATCH)	BL	BL	BL	BL	BL
(59)	Silvery metal(cover, big button switch, WATCH)	BL	BL	BL	BL	---
(60)	Black plastic(button, big button switch, WATCH)	BL	BL	BL	BL	BL
(61)	Silvery metal(clips, big button switch, WATCH)	BL	BL	BL	BL	---
(62)	White plastic(pin holder, big button switch, WATCH)	BL	BL	BL	BL	BL
(63)	Silvery metal(pin, big button switch, WATCH)	BL	BL	BL	BL	---
(64)	Yellow clear plastic with adhesive(sticker, small button switch, WATCH)	BL	BL	BL	BL	BL
(65)	Black plastic(button, small button switch, WATCH)	BL	BL	BL	BL	BL
(66)	Silvery metal(clips, small button switch, WATCH)	BL	BL	BL	BL	---
(67)	Black plastic(pin holder, small button switch, WATCH)	BL	BL	BL	BL	BL
(68)	Silvery metal(pin, small button switch, WATCH)	BL	BL	BL	BL	---
(69)	Silvery metal(cover, slide switch, WATCH)	BL	BL	BL	BL	---
(70)	Brown plastic(button, slide switch, WATCH)	BL	BL	BL	BL	BL
(71)	Silvery metal(contact chip, slide switch, WATCH)	BL	BL	BL	BL	---
(72)	Silvery metal(pin, slide switch, WATCH)	BL	BL	BL	BL	---
(73)	Black plastic(pin holder, slide switch, WATCH)	BL	BL	BL	BL	BL
(74)	Silvery metal(cover, charging port, WATCH)	BL	BL	BL	BL	---
(75)	Black plastic(pin holder, charging port, WATCH)	BL	BL	BL	BL	BL
(76)	Silvery metal(pin, charging port, WATCH)	BL	BL	BL	BL	---
(77)	Gray plastic(cover, FPC socket, PCB, WATCH)	BL	BL	BL	BL	BL
(78)	Black plastic(cover, FPC socket, PCB, WATCH)	BL	BL	BL	BL	BL
(79)	Silvery metal(pin, FPC socket, PCB, WATCH)	BL	BL	BL	BL	---
(80)	Black plastic(pin holder, big socket, PCB, WATCH)	BL	BL	BL	BL	BL
(81)	Golden metal(pin, big socket, PCB, WATCH)	BL	BL	BL	BL	---
(82)	Black plastic(pin holder, small socket, PCB, WATCH)	BL	BL	BL	BL	BL
(83)	Silvery metal(pin, small socket, PCB, WATCH)	BL	BL	BL	BL	---
(84)	Silvery metal(contact chip , button cell, PCB, WATCH)	BL	BL	BL	BL	---
(85)	Black body(big square IC, PCB, WATCH)	BL	BL	BL	BL	BL
(86)	Black body(middle square IC, PCB, WATCH)	BL	BL	BL	BL	BL
(87)	Black body(small square IC, PCB, WATCH)	BL	BL	BL	BL	BL

TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 6 of 14

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(88)	Black body(big rectangle IC, PCB, WATCH)	BL	BL	BL	BL	BL
(89)	Black body(small rectangle IC, PCB, WATCH)	BL	BL	BL	BL	BL
(90)	Silvery body(MIC, PCB, WATCH)	BL	BL	BL	BL	BL
(91)	Silvery body(big SMD crystal oscillator, PCB, WATCH)	BL	BL	BL	BL	BL
(92)	Silvery body(small SMD crystal oscillator, PCB, WATCH)	BL	BL	BL	BL	BL
(93)	Gray body(SMD inductor, PCB, WATCH)	BL	BL	BL	BL	BL
(94)	Brown body(SMD inductor, PCB, WATCH)	BL	BL	BL	BL	BL
(95)	Black body(SMD diode, PCB, WATCH)	BL	BL	BL	BL	BL
(96)	Black body(SMD triode, PCB, WATCH)	BL	BL	BL	BL	BL
(97)	Black/white body(SMD resistor, PCB, WATCH)	BL	BL	BL	BL	BL
(98)	Black body(SMD resistor, PCB, WATCH)	BL	BL	BL	BL	BL
(99)	Brown body(SMD capacitor, PCB, WATCH)	BL	BL	BL	BL	BL
(100)	White body(SMD capacitor, PCB, WATCH)	BL	BL	BL	BL	BL
(101)	Clear body(SMD LED, PCB, WATCH)	BL	BL	BL	BL	BL
(102)*	White printed black coated brown plastic with coppery metal(PCB, WATCH)	BL	BL	BL	BL	X
(103)	Silvery solder(PCB, WATCH)	BL	BL	BL	BL	---
(104)	Black PVC(wire jacket, battery, WATCH)	BL	BL	BL	BL	BL
(105)	Red PVC(wire jacket, battery, WATCH)	BL	BL	BL	BL	BL
(106)	Silvery metal(wire, battery, WATCH)	BL	BL	BL	BL	---
(107)	Yellow clear plastic with adhesive(tape, battery, WATCH)	BL	BL	BL	BL	BL
(108)	Black body(IC, PCB, battery, WATCH)	BL	BL	BL	BL	BL
(109)	Brown body(SMD capacitor, PCB, battery, WATCH)	BL	BL	BL	BL	BL
(110)	Black body(SMD resistor, PCB, battery, WATCH)	BL	BL	BL	BL	BL
(111)*	White printed green coated brown plastic with coppery metal(PCB, battery, WATCH)	BL	BL	BL	BL	X
(112)	Silvery solder(PCB, battery, WATCH)	BL	BL	BL	BL	---
(113)	Silvery metal(contact chip, PCB, battery, WATCH)	BL	BL	BL	BL	---
(114)	Gun metal plated silvery metal(frame, WATCH)	BL	BL	BL	BL	---
(115)	Clear double faced adhesive tape(frame, WATCH)	BL	BL	BL	BL	BL
(116)	Gun metal coated silvery metal(button cover, frame, WATCH)	BL	BL	BL	BL	BL
(117)	Silvery metal(spring, button cover, frame, WATCH)	BL	BL	BL	BL	---

Bay Area Compliance Laboratories Corp. (Shenzhen)

5/F. (B-West), 6&7/F., The 3rd Phase of Wanli Industrial Building D, Shihua Road, Fubao Community, Fubao Subdistrict, Futian District, Shenzhen, Guangdong, China

Tel: +86-755-33320018 Fax: +86-755-33320008

QB-CH-R001 (V1.0)

TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 7 of 14

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(118)	Silvery plated clear plastic(socket cover, frame, WATCH)	BL	BL	BL	BL	BL
(119)	Yellow clear plastic with adhesive(tape, FPC, screen, WATCH)	BL	BL	BL	BL	BL
(120)	Black plastic with adhesive(tape, FPC, screen, WATCH)	BL	BL	BL	BL	BL
(121)	Black body(IC, FPC, screen, WATCH)	BL	BL	BL	BL	BL
(122)	Black body(SMD diode, FPC, screen, WATCH)	BL	BL	BL	BL	BL
(123)	Black body(SMD resistor, FPC, screen, WATCH)	BL	BL	BL	BL	BL
(124)	Brown body(SMD capacitor, FPC, screen, WATCH)	BL	BL	BL	BL	BL
(125)	White printed brown plastic with coppery metal(FPC, screen, WATCH)	BL	BL	BL	BL	BL
(126)	Black plastic(cover, small socket, FPC, screen, WATCH)	BL	BL	BL	BL	BL
(127)	Silvery metal(pin, small socket, FPC, screen, WATCH)	BL	BL	BL	BL	---
(128)	Silvery metal(reinforcing plate, FPC, screen, WATCH)	BL	BL	BL	BL	---
(129)*	White printed black/brown plastic with coppery metal(FPC, screen, WATCH)	BL	BL	BL	BL	X
(130)	Silvery solder(FPC, screen, WATCH)	BL	BL	BL	BL	---
(131)	Black plastic(cover, big socket, FPC, screen, WATCH)	BL	BL	BL	BL	BL
(132)	Golden metal(pin, big socket, FPC, screen, WATCH)	BL	BL	BL	BL	---
(133)	Black/white plastic(film, screen, WATCH)	BL	BL	BL	BL	BL
(134)	White plastic(frame, screen, WATCH)	BL	BL	BL	BL	BL
(135)	White plastic(frame, screen, WATCH)	BL	BL	BL	BL	BL
(136)	Clear plastic(frame, screen, WATCH)	BL	BL	BL	BL	BL
(137)	Silvery translucent plastic(frame, screen, WATCH)	BL	BL	BL	BL	BL
(138)	Silvery plastic(frame, screen, WATCH)	BL	BL	BL	BL	BL
(139)	Black plastic with adhesive(tape, screen, WATCH)	BL	BL	BL	BL	BL
(140)	White body(LED, screen, WATCH)	BL	BL	BL	BL	BL
(141)	Black clear plastic with adhesive(polaroid, screen, WATCH)	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.

TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 8 of 14

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	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 50 - 3\sigma < X < 150 + 3\sigma \leq OL$
Pb	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Hg	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Cr	mg/kg	$BL \leq 700 - 3\sigma < X$	$BL \leq 700 - 3\sigma < X$	$BL \leq 500 - 3\sigma < X$
Br	mg/kg	$BL \leq 300 - 3\sigma < X$	--	$BL \leq 250 - 3\sigma < X$

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.: 2401U38108E

Date: September 28, 2024

Page 9 of 14

A.2 Wet Chemical Testing

A.2.1 PBBs & PBDEs content

Test method: IEC 62321-6:2015

Item	Unit	MDL	Result				Limit
			(57)	(102)	(111)	(129)	
Monobromobiphenyl (MonoBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Dibromobiphenyl (DiBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Tribromobiphenyl (TriBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl (TetraBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Pentabromobiphenyl (PentaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Hexabromobiphenyl (HexaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Octabromobiphenyl (OctaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Nonabromobiphenyl (NonaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Decabromobiphenyl (DecaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	-

TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 10 of 14

Item	Unit	MDL	Result				Limit
			(57)	(102)	(111)	(129)	
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	/

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

Test method: IEC 62321-8:2017

Item	Unit	MDL	Result						Limit
			(1)	(3)	(4)+(10)+(22)	(7)	(9)	(14)	
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.	422	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
			(15)	(16)	(17)	(18)	(20)	(23)+(25)	
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	117	136	N.D.	109	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.: 2401U38108E

Date: September 28, 2024

Page 11 of 14

Item	Unit	MDL	Result						Limit
			(26)	(27)	(30)+(37)+(41)	(31)+(42)+(45)	(32)+(50)+(60)	(38)+(39)	
Dibutyl Phthalate(DBP)	mg/kg	30	846	689	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	91	76	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	71	62	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Result						Limit
			(43)	(52)+(53)+(57)	(54)	(58)+(64)+(107)	(62)+(65)+(67)	(70)+(73)+(75)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	220	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.	42	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
			(77)+(78)+(80)	(82)+(118)+(126)	(85)+(86)+(87)	(88)+(89)+(90)	(91)+(92)+(95)	(96)+(101)+(108)	
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
			(102)+(111)+(125)	(104)	(105)	(115)+(119)+(120)	(116)	
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	/

Bay Area Compliance Laboratories Corp. (Shenzhen)

5/F. (B-West), 6&7/F., The 3rd Phase of Wanli Industrial Building D, Shihua Road, Fubao Community, Fubao Subdistrict, Futian District, Shenzhen, Guangdong, China

Tel: +86-755-33320018 Fax: +86-755-33320008

QB-CH-R001 (V1.0)

TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 12 of 14

Item	Unit	MDL	Result					Limit
			(121)+(122)+ (140)	(129)	(131)+(133)+ (134)	(135)+(136)+ (137)	(138)+(139)+ (141)	
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	/

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.: 2401U38108E

Date: September 28, 2024

Page 13 of 14

Photograph of Sample



BACL authenticate the photo on original report only

TEST REPORT

Report No.: 2401U38108E

Date: September 28, 2024

Page 14 of 14

Statement:

- 1.This report cannot be reproduced except in full, without prior written approval of the Company.
- 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.
- 3.This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
- 4.Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
- 5.The information which provided by the applicant, such as sample description, sample name, material component, style/item No. , P.O. No. , manufacturer, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
- 6.The test samples were in good condition before testing.

*** End of Report ***