TEST REPORT

Report No.: 2501S54429E Date: May 19, 2025 Page 1 of 28

Dragino Technology Co., Limited.
Room 202,BaoChengTai industrial park,No.8 CaiYun LongCheng Street,LongGang District,Shenzhen China

Report on the submitted samples said to be:

Sample Description:	LoRaWAN Gateway
Style/Item No.:	DLOS8N/DLOS8N-EC25
Brand:	DRAGINO
Sample Receiving Date:	April 18,2025
Lately Re-submit Date:	May 15,2025
Testing Period:	April 18,2025 - May 18,2025
Result:	**Please refer to next page(s).**

Signed for and on behalf of

BACL

Checked by: Queenie Lee

Approved by: Len Xie

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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 Total Lead Content	Pass
A.2.2 PBBs & PBDEs content	Pass
A.3 Phthalates(DBP, BBP, DEHP, DIBP)content	Pass

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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 soft plastic(cable holder, power adapter)	BL	BL	BL	BL	BL
(2)	Grey printed black soft plastic(cable jacket, power adapter)	BL	BL	BL	BL	BL
(3)	White soft plastic(wire jacket, cable, power adapter)	BL	BL	BL	BL	BL
(4)	Red soft plastic(wire jacket, cable, power adapter)	BL	BL	BL	BL	BL
(5)	Coppery metal(wire core, power adapter)	BL	BL	BL	BL	---
(6)	Black soft plastic(DC plug holder, power adapter)	BL	BL	BL	BL	BL
(7)	Silvery metal(cover, DC plug, power adapter)	BL	BL	BL	BL	---
(8)	Silvery metal(pin, DC plug, power adapter)	BL	BL	BL	BL	---
(9)	Silvery solder(pin/cover, DC plug, power adapter)	BL	BL	BL	BL	---
(10)*	Black plastic(insulator, DC plug, power adapter)	BL	BL	BL	BL	X
(11)	Black plastic with glue(shell, power adapter)	BL	BL	BL	BL	BL
(12)*1	Silvery metal(pin, power adapter)	OL (13233)	BL	BL	BL	---
(13)	Silvery metal(connecting plate, pin, power adapter)	BL	BL	BL	BL	---
(14)	Black plastic with adhesive(insulation sheet, power adapter)	BL	BL	BL	BL	BL
(15)*	Black printed green coated beige plastic with coppery metal(PCB, power adapter)	BL	BL	BL	BL	X
(16)	Silvery solder(PCB, power adapter)	BL	BL	BL	BL	---
(17)	White dry glue(PCB, power adapter)	BL	BL	BL	BL	BL
(18)	Silvery metal(jumper wire, PCB, power adapter)	BL	BL	BL	BL	---
(19)	Silvery metal(cooling fin, PCB, power adapter)	BL	BL	BL	BL	---
(20)	Black plastic(cover, triode"Q1", PCB, power adapter)	BL	BL	BL	BL	BL
(21)	Silvery metal(pin, triode"Q1", PCB, power adapter)	BL	BL	BL	BL	---
(22)	Coppery metal(inner, triode"Q1", PCB, power adapter)	BL	BL	BL	BL	---
(23)*2	Silvery solder(inner, triode"Q1", PCB, power adapter)	OL (852413)	BL	BL	BL	---
(24)	Black printed light yellow plastic with adhesive(tape, transformer"T1", PCB, power adapter)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(25)	Black plastic(coil holder, transformer"T1", PCB, power adapter)	BL	BL	BL	BL	BL
(26)	Yellow enameled wire(coil, transformer"T1", PCB, power adapter)	BL	BL	BL	BL	BL
(27)	Coppery metal(coil, transformer"T1", PCB, power adapter)	BL	BL	BL	BL	---
(28)	Black magnet(frame, transformer"T1", PCB, power adapter)	BL	BL	BL	BL	---
(29)	Silvery metal(pin, transformer"T1", PCB, power adapter)	BL	BL	BL	BL	---
(30)	Silvery metal(clip, inductor"LF1", PCB, power adapter)	BL	BL	BL	BL	---
(31)	Coppery metal(coil, inductor"LF1", PCB, power adapter)	BL	BL	BL	BL	---
(32)	Black plastic(coil holder, inductor"LF1", PCB, power adapter)	BL	BL	BL	BL	BL
(33)	Black magnet(frame, inductor"LF1", PCB, power adapter)	BL	BL	BL	BL	---
(34)	Silvery metal(pin, inductor"LF1", PCB, power adapter)	BL	BL	BL	BL	---
(35)	Coppery enameled wire(coil, inductor"LF2", PCB, power adapter)	BL	BL	BL	BL	BL
(36)	Red coppery enameled wire(coil, inductor"LF2", PCB, power adapter)	BL	BL	BL	BL	BL
(37)	Green coated black magnet(magnet ring, inductor"LF2", PCB, power adapter)	BL	BL	BL	BL	BL
(38)	Grey printed black plastic(sleeve, capacitor"EC1/EC2", PCB, power adapter)	BL	BL	BL	BL	BL
(39)	Silvery body(capacitor"EC1/EC2", PCB, power adapter)	BL	BL	BL	BL	BL
(40)	Grey printed deep green plastic(sleeve, capacitor"EC3", PCB, power adapter)	BL	BL	BL	BL	BL
(41)	Silvery body(capacitor"EC3", PCB, power adapter)	BL	BL	BL	BL	BL
(42)	Grey printed deep green plastic(sleeve, capacitor"EC4", PCB, power adapter)	BL	BL	BL	BL	BL
(43)	Silvery body(capacitor"EC4", PCB, power adapter)	BL	BL	BL	BL	BL
(44)	Grey printed green plastic(sleeve, capacitor"EC5", PCB, power adapter)	BL	BL	BL	BL	BL
(45)	Silvery body(capacitor"EC5", PCB, power adapter)	BL	BL	BL	BL	BL
(46)	Blue body(capacitor"CY1", PCB, power adapter)	BL	BL	BL	BL	BL
(47)	Blue body(varistor"MOV1", PCB, power adapter)	BL	BL	BL	BL	BL
(48)	Black body(fuse, PCB, power adapter)	BL	BL	BL	BL	BL
(49)	Silvery metal(pin, fuse, PCB, power adapter)	BL	BL	BL	BL	---
(50)	Black body(big IC, PCB, power adapter)	BL	BL	BL	BL	BL
(51)	Black body(small IC, PCB, power adapter)	BL	BL	BL	BL	BL
(52)	Black plastic(cover, SMD bridge rectifier, PCB, power adapter)	BL	BL	BL	BL	BL
(53)	Coppery metal(inner, SMD bridge rectifier, PCB, power adapter)	BL	BL	BL	BL	---

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(54)*2	Silvery solder(inner, SMD bridge rectifier, PCB, power adapter)	OL (859793)	BL	BL	BL	---
(55)	Black plastic(cover, big SMD diode, PCB, power adapter)	BL	BL	BL	BL	BL
(56)	Coppery metal(inner, big SMD diode, PCB, power adapter)	BL	BL	BL	BL	---
(57)*2	Silvery solder(inner, big SMD diode, PCB, power adapter)	OL (851390)	BL	BL	BL	---
(58)	Black body(medium SMD diode, PCB, power adapter)	BL	BL	BL	BL	BL
(59)	Black body(small SMD diode, PCB, power adapter)	BL	BL	BL	BL	BL
(60)	Black body(SMD triode, PCB, power adapter)	BL	BL	BL	BL	BL
(61)	Black/white body(big SMD resistor, PCB, power adapter)	BL	BL	BL	BL	BL
(62)	Black/white body(small SMD resistor, PCB, power adapter)	BL	BL	BL	BL	BL
(63)	Brown body(SMD capacitor, PCB, power adapter)	BL	BL	BL	BL	BL
(64)	Silvery metal(U-bolt)	BL	BL	BL	BL	---
(65)	Silvery metal(nut, U-bolt)	BL	BL	BL	BL	---
(66)	Silvery metal(big washer, U-bolt)	BL	BL	BL	BL	---
(67)	Silvery metal(small washer, U-bolt)	BL	BL	BL	BL	---
(68)	Silvery metal(U-clip, pole clamp)	BL	BL	BL	BL	---
(69)	Silvery metal(baseplate, pole clamp)	BL	BL	BL	BL	---
(70)	Silvery metal(screw, pole clamp)	BL	BL	BL	BL	---
(71)	White coated white glass fiber(cover, FRP antenna)	BL	BL	BL	BL	BL
(72)	Black printed silvery plastic with adhesive(label, cover, FRP antenna)	BL	BL	BL	BL	BL
(73)	White dry glue(cover, FRP antenna)	BL	BL	BL	BL	BL
(74)	Silvery metal(cap, FRP antenna)	BL	BL	BL	BL	---
(75)	Golden metal(thick tube, FRP antenna)	BL	BL	BL	BL	---
(76)	Clear plastic with adhesive(tape, thick tube, FRP antenna)	BL	BL	BL	BL	BL
(77)	White foam(pad, thick tube, FRP antenna)	BL	BL	BL	BL	BL
(78)	White plastic(joint, thick tube, FRP antenna)	BL	BL	BL	BL	BL
(79)*1	Golden metal(joint, thick tube, FRP antenna)	OL (16485)	BL	BL	BL	---
(80)	Silvery solder(joint, thick tube, FRP antenna)	BL	BL	BL	BL	---

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(81)	Golden metal(thin tube, FRP antenna)	BL	BL	BL	BL	---
(82)	Silvery solder(thin tube/connector pin, FRP antenna)	BL	BL	BL	BL	---
(83)	Translucent plastic(wire jacket, FRP antenna)	BL	BL	BL	BL	BL
(84)	Coppery metal(wire core, FRP antenna)	BL	BL	BL	BL	---
(85)	Silvery metal(connector holder, FRP antenna)	BL	BL	BL	BL	---
(86)*1	Silvery metal(nut, connector, FRP antenna)	OL (28003)	BL	BL	BL	---
(87)*1	Silvery metal(cover, connector, FRP antenna)	OL (27013)	BL	BL	BL	---
(88)*1	Silvery metal(inner shell, connector, FRP antenna)	OL (17033)	BL	BL	BL	---
(89)*1	Golden metal(pin, connector, FRP antenna)	OL (23222)	BL	BL	BL	---
(90)	Silvery metal(washer, connector, FRP antenna)	BL	BL	BL	BL	---
(91)	Red soft plastic(washer, connector, FRP antenna)	BL	BL	BL	BL	BL
(92)	White plastic(insulator, connector, FRP antenna)	BL	BL	BL	BL	BL
(93)	Grey printed black soft plastic(cable jacket, antenna adapter cable)	BL	BL	BL	BL	BL
(94)	Coppery metal(shielding net, antenna adapter cable)	BL	BL	BL	BL	---
(95)	Blue laminated silvery aluminum foil(shielding sleeve, antenna adapter cable)	BL	BL	BL	BL	BL
(96)	Translucent plastic(wire jacket, antenna adapter cable)	BL	BL	BL	BL	BL
(97)	Coppery metal(wire core, antenna adapter cable)	BL	BL	BL	BL	---
(98)	White plastic(heat shrink tubing, antenna adapter cable)	BL	BL	BL	BL	BL
(99)	Silvery metal(cable tube clip, big connector, antenna adapter cable)	BL	BL	BL	BL	---
(100)*1	Silvery metal(cable holder, big connector, antenna adapter cable)	OL (16106)	BL	BL	BL	---
(101)*1	Silvery metal(cover, big connector, antenna adapter cable)	OL (25253)	BL	BL	BL	---
(102)*1	Silvery metal(nut, big connector, antenna adapter cable)	OL (19234)	BL	BL	BL	---
(103)	Silvery metal(serrated washer, big connector, antenna adapter cable)	BL	BL	BL	BL	---
(104)	Red soft plastic(washer, big connector, antenna adapter cable)	BL	BL	BL	BL	BL
(105)	White plastic(insulator, big connector, antenna adapter cable)	BL	BL	BL	BL	BL
(106)*1	Golden metal(contact tube, big connector, antenna adapter cable)	OL (13244)	BL	BL	BL	---

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(107)	Silvery solder(contact tube, big connector, antenna adapter cable)	BL	BL	BL	BL	---
(108)*1	Silvery metal(cable tube clip, small connector, antenna adapter cable)	OL (12769)	BL	BL	BL	---
(109)*1	Golden metal(nut, small connector, antenna adapter cable)	OL (13976)	BL	BL	BL	---
(110)*1	Golden metal(cover, small connector, antenna adapter cable)	OL (14021)	BL	BL	BL	---
(111)	Silvery metal(washer, small connector, antenna adapter cable)	BL	BL	BL	BL	---
(112)	Red soft plastic(washer, small connector, antenna adapter cable)	BL	BL	BL	BL	BL
(113)	White plastic(insulator, small connector, antenna adapter cable)	BL	BL	BL	BL	BL
(114)*1	Golden metal(contact tube, small connector, antenna adapter cable)	OL (14214)	BL	BL	BL	---
(115)	Silvery solder(contact tube, small connector, antenna adapter cable)	BL	BL	BL	BL	---
(116)	White plastic(bracket)	BL	BL	BL	BL	BL
(117)	Silvery metal(screw, bracket)	BL	BL	BL	BL	---
(118)	Silvery metal(rotary knob, bracket)	BL	BL	BL	BL	---
(119)	White plastic(cap, LoRaWAN gateway)	BL	BL	BL	BL	BL
(120)	White plastic(shell, LoRaWAN gateway)	BL	BL	BL	BL	BL
(121)	White/blue coated clear plastic with adhesive(logo brand, shell, LoRaWAN gateway)	BL	BL	BL	BL	BL
(122)	Black printed silvery plastic with adhesive(label, shell, LoRaWAN gateway)	BL	BL	BL	BL	BL
(123)	White plastic(inner shell, LoRaWAN gateway)	BL	BL	BL	BL	BL
(124)	Silvery metal(screw, inner shell, LoRaWAN gateway)	BL	BL	BL	BL	---
(125)*1	Silvery metal(nut, indicator light, LoRaWAN gateway)	OL (13400)	BL	BL	BL	---
(126)*1	Silvery metal(cover, indicator light, LoRaWAN gateway)	OL (17978)	BL	BL	BL	---
(127)	Black soft plastic(washer, cover, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	BL
(128)	Translucent plastic(lampshade, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	BL
(129)*	Red plastic(cable holder, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	X
(130)	Clear soft plastic(sleeve, LED, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	BL
(131)	Clear body(LED, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	BL
(132)	Silvery metal(pin, LED, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	---

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(133)	Silvery solder(pin, LED/resistor, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	---
(134)	Multi-color printed beige body(resistor, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	BL
(135)	Silvery metal(pin, resistor, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	---
(136)	Black soft plastic(wire jacket, connecting cable, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	BL
(137)	Red soft plastic(wire jacket, connecting cable, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	BL
(138)	Green soft plastic(wire jacket, connecting cable, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	BL
(139)	Silvery metal(wire core, connecting cable, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	---
(140)	White plastic(plug, connecting cable, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	BL
(141)	Silvery metal(contact plate, plug, connecting cable, indicator light, LoRaWAN gateway)	BL	BL	BL	BL	---
(142)*1	Light golden metal(cover, antenna connector, LoRaWAN gateway)	OL (22730)	BL	BL	BL	---
(143)*1	Light golden metal(nut, antenna connector, LoRaWAN gateway)	OL (12969)	BL	BL	BL	---
(144)	Light golden metal(serrated washer, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	---
(145)	Light golden metal(small washer, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	---
(146)*1	Light golden metal(cable holder, antenna connector, LoRaWAN gateway)	OL (14492)	BL	BL	BL	---
(147)*1	Light golden metal(pin, antenna connector, LoRaWAN gateway)	OL (14170)	BL	BL	BL	---
(148)	Silvery solder(pin/cable holder, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	---
(149)	White plastic(insulator, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	BL
(150)	Grey printed black plastic(heat shrink tubing, connecting cable, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	BL
(151)	Black plastic(cable jacket, connecting cable, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	BL
(152)	Clear plastic(wire jacket, connecting cable, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	BL
(153)	Silvery metal(wire core, connecting cable, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	---
(154)	Silvery metal(shielding net, connecting cable, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	---
(155)	Light golden metal(cover, plug, connecting cable, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	---

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(156)	Light golden metal(contact plate, plug, connecting cable, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	---
(157)	Black plastic(insulator, plug, connecting cable, antenna connector, LoRaWAN gateway)	BL	BL	BL	BL	BL
(158)	Blue plastic with adhesive(film, metal plate, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	BL
(159)	Silvery metal(small metal plate, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(160)	Silvery metal(medium metal plate, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(161)	Silvery metal(big metal plate, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(162)*	Silvery solder(big metal plate/medium metal plate, Wi-Fi antenna, LoRaWAN gateway, raw material)	X	BL	BL	BL	---
(163)	Golden metal(eyelet, big metal plate/medium metal plate, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(164)	Silvery metal(nut, big metal plate, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(165)	Silvery metal(screw, small metal plate, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(166)	Silvery metal(nut, screw, small metal plate, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(167)	White plastic(washer, screw, small metal plate, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	BL
(168)	Black plastic(cable jacket, connecting cable, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	BL
(169)	Translucent plastic(wire jacket, connecting cable, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	BL
(170)	Silvery metal(wire core, connecting cable, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(171)	Silvery metal(shielding net, connecting cable, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(172)	Light golden metal(cover, plug, connecting cable, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(173)	Light golden metal(contact plate, plug, connecting cable, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(174)	White plastic(insulator, plug, connecting cable, Wi-Fi antenna, LoRaWAN gateway)	BL	BL	BL	BL	BL
(175)	Silvery/grey plated nude ceramic(GPS antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(176)	Silvery solder(GPS antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(177)	Silvery metal(pin, GPS antenna, LoRaWAN gateway)	BL	BL	BL	BL	---
(178)	Clear plastic with adhesive(double sided tape, GPS antenna, LoRaWAN gateway)	BL	BL	BL	BL	BL
(179)	White printed green coated beige plastic with coppery metal(GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(180)*	Silvery solder(GPS antenna PCB, LoRaWAN gateway, raw material)	X	BL	BL	BL	---

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(181)	Silvery metal(shielding case, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(182)	Black EVA with adhesive(double sided tape, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(183)	Black body(IC, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(184)	Brown body(SMD capacitor, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(185)	Black plastic(cable jacket, connecting cable, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(186)	Clear plastic(wire jacket, connecting cable, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(187)	Silvery metal(wire core, connecting cable, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(188)	Silvery metal(shielding net, connecting cable, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(189)	Light golden metal(cover, plug, connecting cable, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(190)	Light golden metal(contact plate, plug, connecting cable, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(191)	White plastic(insulator, plug, connecting cable, GPS antenna PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(192)	Black coated orange plastic with coppery metal(4G antenna FPC, LoRaWAN gateway)	BL	BL	BL	BL	BL
(193)	Silvery solder(4G antenna FPC, LoRaWAN gateway)	BL	BL	BL	BL	---
(194)	Clear plastic with adhesive(double sided tape, 4G antenna FPC, LoRaWAN gateway)	BL	BL	BL	BL	BL
(195)	Grey plastic(cable jacket, connecting cable, 4G antenna FPC, LoRaWAN gateway)	BL	BL	BL	BL	BL
(196)	Clear plastic(wire jacket, connecting cable, 4G antenna FPC, LoRaWAN gateway)	BL	BL	BL	BL	BL
(197)	Silvery metal(wire core, connecting cable, 4G antenna FPC, LoRaWAN gateway)	BL	BL	BL	BL	---
(198)	Silvery metal(shielding net, connecting cable, 4G antenna FPC, LoRaWAN gateway)	BL	BL	BL	BL	---
(199)	Light golden metal(cover, plug, connecting cable, 4G antenna FPC, LoRaWAN gateway)	BL	BL	BL	BL	---
(200)	Light golden metal(contact plate, plug, connecting cable, 4G antenna FPC, LoRaWAN gateway)	BL	BL	BL	BL	---
(201)	Black plastic(insulator, plug, connecting cable, 4G antenna FPC, LoRaWAN gateway)	BL	BL	BL	BL	BL
(202)	Black plated silvery metal(4G module PCB/LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(203)	White printed green coated beige plastic with coppery metal(big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(204)	Silvery solder(big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	---
(205)	Silvery metal(shielding case, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	---
(206)	Black printed silvery plastic with adhesive(label, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(207)	Clear dry glue(big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(208)	Silvery metal(cover, antenna socket, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	---
(209)	Golden metal(pin, antenna socket, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	---
(210)	Black plastic(base, antenna socket, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(211)	Black body(big IC, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(212)	Black body(small IC, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(213)	Grey printed black body(big SMD diode, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(214)	Black body(medium SMD diode, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(215)	Black body(small SMD diode, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(216)	Black body(SMD triode, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(217)	Tan body(SMD inductor, big PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(218)	Black/white body(SMD resistor, big PCB, 4G module, LoRaWAN gateway	BL	BL	BL	BL	BL
(219)	Black body(SMD resistor, big PCB, 4G module, LoRaWAN gateway	BL	BL	BL	BL	BL
(220)	Brown body(SMD capacitor, big PCB, 4G module, LoRaWAN gateway	BL	BL	BL	BL	BL
(221)	Grey body(SMD capacitor, big PCB, 4G module, LoRaWAN gateway	BL	BL	BL	BL	BL
(222)	White printed blue coated beige plastic with coppery metal(small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(223)	Silvery solder(small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	---
(224)	Silvery metal(shielding case, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	---
(225)	Beige thermal grease(small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(226)	Black body(extra large rectangle IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(227)	Black body(big rectangle IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(228)	Black body(medium rectangle IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(229)	Black body(small rectangle IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(230)	Black body(extra small rectangle IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(231)	Black body(extra large square IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(232)	Black body(big square IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(233)	Black body(medium square IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(234)	Black body(small square IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(235)	Black body(extra small square IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(236)	Silvery body(big IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(237)	Silvery body(medium IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(238)	Silvery body(small IC, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(239)	Silvery body(crystal oscillator, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(240)	Black body(SMD triode, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(241)	Black body(SMD inductor, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(242)	Tan body(SMD inductor, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(243)	Black printed grey body(SMD filter, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(244)	Black/white body(SMD resistor, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(245)	Black body(SMD resistor, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(246)	Brown body(SMD capacitor, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(247)	Grey body(SMD capacitor, small PCB, 4G module, LoRaWAN gateway)	BL	BL	BL	BL	BL
(248)*	White printed blue coated beige plastic with coppery metal(LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	X
(249)	Silvery solder(LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(250)	Silvery metal(shielding case, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(251)	Silvery metal(clip, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(252)	Clear laminated black/blue/green printed white plastic with adhesive(label, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(253)	Golden metal(cover, antenna socket, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(254)	Golden metal(pin, antenna socket, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(255)	White plastic(base, antenna socket, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(256)	Black body(extra large IC, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(257)	Black body(big IC, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(258)	Black body(medium IC, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(259)	Black body(small IC, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(260)	Black body(extra small IC, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(261)	Deep red body(IC, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(262)	Silvery body(big crystal oscillator, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(263)	Silvery body(small crystal oscillator, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(264)	Clear body(SMD LED, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(265)	Black body(SMD diode, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(266)	Matt black body(big SMD inductor, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(267)	Matt black body(small SMD inductor, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(268)	Black body(SMD resistor, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(269)	Brown body(SMD capacitor, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(270)	Blue body(SMD capacitor, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(271)	Grey body(SMD capacitor, LoRaWAN concentrator module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(272)*	White printed green coated beige plastic with coppery metal(carrier PCB, LoRaWAN gateway)	BL	BL	BL	BL	X
(273)	Silvery solder(carrier PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(274)*	Black coated beige plastic with coppery metal(POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	X
(275)	Silvery solder(POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(276)	Silvery metal(pin, big pin header, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(277)	Black plastic(pin holder, big pin header, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(278)	Silvery metal(pin, small pin header, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(279)	Black plastic(pin holder, small pin header, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(280)	Black magnet(cover, transformer, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(281)	Orange plastic with adhesive(tape, transformer, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(282)*	Light yellow plastic with adhesive(tape, transformer, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	X
(283)	Black plastic with black glue(coil holder, transformer, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(284)	Coppery metal(coil, transformer, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(285)	Red coppery metal(coil, transformer, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(286)	Silvery metal(pin, transformer, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(287)	Black body(big IC, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(288)	Black body(small IC, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(289)	Black body(optocoupler, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(290)	Black body(SMD bridge rectifier, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(291)	Black body(big SMD diode, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(292)	Black body(medium SMD diode, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(293)	Black body(small SMD diode, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(294)	Black body(big SMD triode, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(295)	Black body(small SMD triode, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(296)	Matt black body(SMD inductor, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(297)	Black/white body(big SMD resistor, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(298)	Black/white body(small SMD resistor, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(299)	Black body(SMD resistor, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(300)	Brown body(SMD capacitor, POE power module PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(301)*	White printed green coated beige plastic with coppery metal(main PCB, LoRaWAN gateway)	BL	BL	BL	BL	X
(302)	Silvery solder(main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(303)	Silvery metal(screw, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(304)	Black plated silvery metal(screw, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(305)	Silvery metal(long nut, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(306)	Silvery metal(short nut, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(307)	Orange plastic with adhesive(circle sticker, nut, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(308)	Black plastic(cover, SIM card slot, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(309)	Golden plated silvery metal(pin, SIM card slot, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(310)	Silvery metal(pin, big pin header, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(311)	Black plastic(pin holder, big pin header, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(312)	Silvery metal(pin, small pin header, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(313)	Black plastic(pin holder, small pin header, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(314)	Black plastic(big PCIE connector, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(315)	Silvery metal(pin, big PCIE connector, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(316)	Silvery metal(fixed plate, big PCIE connector, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(317)	Black plastic(small PCIE connector, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(318)	Silvery metal(pin, small PCIE connector, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(319)	Silvery metal(fixed plate, small PCIE connector, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(320)	Silvery metal(cover, switch, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(321)	Black plastic(button, switch, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(322)	Black plastic(base, switch, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(323)	Silvery metal(metal dome, switch, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(324)	Silvery metal(contact plate, switch, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(325)	Silvery metal(cover, network socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(326)	Black plastic(inner shell, network socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(327)	Silvery metal(pin, network socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(328)*	Black plastic(cover, DC power jack, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	X
(329)	Silvery metal(pin, DC power jack, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(330)	Silvery metal(connecting plate, pin, DC power jack, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(331)	Silvery metal(contact plate, DC power jack, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(332)	Silvery metal(cover, type-A socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(333)	Golden plated silvery metal(pin, type-A socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(334)*	White plastic(pin holder, type-A socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	X
(335)	Dark white plastic(indicator light socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(336)	Silvery metal(pin, indicator light socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(337)	Golden metal(cover, antenna socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(338)	Golden metal(pin, antenna socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(339)	White plastic(base, antenna socket, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(340)	Blue printed white/silvery body(big GDT, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(341)	White/silvery body(small GDT, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(342)	Black body(network transformer, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(343)	Claybank body(fuse, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(344)	Black printed silvery body(big capacitor, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(345)	Black plastic(base, big capacitor, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(346)	Black printed silvery body(small capacitor, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(347)	Black plastic(base, small capacitor, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(348)	Black body(inductor"L3", main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(349)	Black body(inductor"L2", main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(350)	Black body(inductor"L5/L6", main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(351)	Silvery grey printed black plastic(cover, diode, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(352)	Silvery metal(pin, diode, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(353)	Coppery metal(inner, diode, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(354)*2	Silvery solder(inner, diode, main PCB, LoRaWAN gateway)	OL (858307)	BL	BL	BL	---
(355)	Black body(extra large IC, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(356)	Black body(big IC, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(357)	Black body(medium IC, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(358)	Black body(small IC, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(359)	Black body(extra small IC, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(360)	Silvery body(crystal oscillator, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(361)	Clear body(SMD LED, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(362)	Black body(big SMD diode, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(363)	Black body(medium SMD diode, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(364)	Black body(small SMD diode, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(365)	Black body(extra small SMD diode, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(366)	Black body(SMD triode, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(367)	Black body(SMD resistor, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(368)	Brown body(SMD capacitor, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(369)*	White printed blue coated beige plastic with coppery metal(big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	X
(370)	Silvery solder(big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(371)	Silvery metal(shielding case, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(372)	Golden metal(cover, antenna socket, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(373)	Golden metal(pin, antenna socket, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(374)	White plastic(base, antenna socket, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(375)	Black body(big IC, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(376)	Black body(medium IC, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(377)	Black body(small IC, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(378)	Silvery body(crystal oscillator, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(379)	Black body(SMD inductor, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(380)	Black/white body(SMD resistor, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(381)	Black body(SMD resistor, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(382)	Brown body(SMD capacitor, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(383)	Blue body(SMD capacitor, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(384)	Grey body(SMD capacitor, big PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(385)	Green coated beige plastic with coppery metal(small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(386)	Silvery solder(small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(387)	Silvery metal(shielding case, small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	---
(388)	Black body(big IC, small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(389)	Black body(medium IC, small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(390)	Black body(small IC, small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(391)	Silvery body(big crystal oscillator, small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(392)	Silvery body(small crystal oscillator, small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(393)	Matt black body(SMD inductor, small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(394)	Black body(SMD resistor, small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL
(395)	Brown body(SMD capacitor, small PCB, main PCB, LoRaWAN gateway)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(396)	Grey body(SMD capacitor, small PCB, main PCB, LoRaWAN gateway)	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 = According to the material declaration provided by the client, the sample of test No. 12,79,86,87,88,89,100,101,102,106,108,109,110,114,125,126,142,143,146,147 are exempted accordance with Annex III 6(c) of directive 2011/65/EU. The exempt items of Annex III 6(c) of directive 2011/65/EU: Copper alloy containing up to 4% lead by weight.
*2 = According to the material declaration provided by the client, the sample of test No. 23,54,57,354 are exempted accordance with Annex Ⅲ 7(a) of Directive 2011/65/EU. The exempt items of 7(a) in Annex Ⅲ of Directive 2011/65/EU: Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).

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:

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.

A.2 Wet Chemical Testing

A.2.1 Total Lead Content

Test method: IEC 62321-5:2013

Item	Unit	MDL	Result		Limit
			(162)	(180)	
Lead(Pb)	mg/kg	10	48	49	1000
Conclusion	/	/	**Pass**	**Pass**	/

A.2.2 PBBs & PBDEs content

Test method: IEC 62321-6:2015

Item	Unit	MDL	Result						Limit
			(10)	(15)	(129)	(248)	(272)	(274)	
Monobromobiphenyl (MonoBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromobiphenyl(DiBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromobiphenyl(TriBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl(TetraBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromobiphenyl(PentaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromobiphenyl(HexaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromobiphenyl(OctaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromobiphenyl(NonaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromobiphenyl(DecaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-

Item	Unit	MDL	Result						Limit
			(10)	(15)	(129)	(248)	(272)	(274)	
Octabromodiphenyl ether (OctaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
sum of MonoBDE,DiBDE,TriBDE,TetraBDE,PentaBDE,HexaBDE,HeptaBDE,OctaBDE,NonaBDE,DecaBDE	mg/kg	-	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
sum of MonoBB,DiBB,TriBB,TetraBB,PentaBB,HexaBB,HeptaBB,OctaBB,NonaBB,DecaBB	mg/kg	-	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
			(282)	(301)	(328)	(334)	(369)	
Monobromobiphenyl (MonoBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromobiphenyl(DiBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromobiphenyl(TriBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl(TetraBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromobiphenyl(PentaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromobiphenyl(HexaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromobiphenyl(OctaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromobiphenyl(NonaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromobiphenyl(DecaBB)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-

Item	Unit	MDL	Result					Limit
			(282)	(301)	(328)	(334)	(369)	
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	-
sum of MonoBDE,DiBDE,TriBDE,TetraBDE,PentaBDE,HexaBDE,HeptaBDE,OctaBDE,NonaBDE,DecaBDE	mg/kg	-	N.D.	N.D.	N.D.	N.D.	N.D.	1000
sum of MonoBB,DiBB,TriBB,TetraBB,PentaBB,HexaBB,HeptaBB,OctaBB,NonaBB,DecaBB	mg/kg	-	N.D.	N.D.	N.D.	N.D.	N.D.	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
			(1)+(2)+(3)	(4)+(6)+(93)	(10)+(11)+(116)	(14)+(24)+(72)	(15)+(179)+(192)	(17)+(73)+(207)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	94	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.	60	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
			(20)+(52)+(55)	(25)+(32)+(38)	(26)+(35)+(36)	(37)	(39)+(41)+(43)	(40)+(42)+(44)	
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
			(45)+(46)+(47)	(48)+(50)+(51)	(58)+(59)+(60)	(61)+(62)+(63)	(71)	(76)+(121)	
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
			(77)+(182)	(78)+(92)+(105)	(83)+(96)	(91)+(104)	(95)	(98)+(129)	
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	45	N.D.	N.D.	N.D.	N.D.	37	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
			(112)+(127)+(130)	(113)+(128)+(140)	(119)+(120)+(123)	(122)+(206)+(252)	(131)+(134)+(183)	(136)+(137)+(138)	
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.	44	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
			(149)+(150)+(157)	(151)+(152)+(168)	(158)+(178)+(194)	(167)+(174)+(191)	(169)+(185)+(186)	(184)+(211)+(212)	
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.	93	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
			(195)+(196)	(201)+(210)+(255)	(203)+(222)+(248)	(213)+(214)+(215)	(216)+(217)+(218)	(219)+(220)+(221)	
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
			(225)+(226)+(227)	(228)+(229)+(230)	(231)+(232)+(233)	(234)+(235)+(236)	(237)+(238)+(239)	(240)+(241)+(242)	
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
			(243)+(244)+(245)	(246)+(247)+(256)	(257)+(258)+(259)	(260)+(261)+(262)	(263)+(264)+(265)	(266)+(267)+(268)	
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
			(269)+(270)+(271)	(272)+(274)+(301)	(277)+(279)+(283)	(281)+(282)+(307)	(287)+(288)+(289)	(290)+(291)+(292)	
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
			(293)+(294)+(295)	(296)+(297)+(298)	(299)+(300)+(340)	(308)+(311)+(313)	(314)+(317)+(321)	(322)+(326)+(335)	
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
			(328)+(334)	(339)+(345)+(347)	(341)+(342)+(343)	(344)+(346)+(348)	(349)+(350)+(355)	(351)+(374)	
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
			(356)+(357)+(358)	(359)+(360)+(361)	(362)+(363)+(364)	(365)+(366)+(367)	(368)+(375)+(376)	(369)+(385)	
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
			(377)+(378)+(379)	(380)+(381)+(382)	(383)+(384)+(388)	(389)+(390)+(391)	(392)+(393)+(394)	(395)+(396)	
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**	/

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.

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Photograph of Sample





BACL authenticate the photo on original report only

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*** End of Report ***