TEST REPORT

Report No.: SZNS2230511-25578E Date: July 18, 2023

Seeed Technology Co., Ltd
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Report on the submitted samples said to be:

Sample Description:	reTerminal DM
Style/Item No.:	reTerminal DM-R100
Brand:	Seeed Studio
Manufacturer:	Seeed Technology Co., Ltd.
Additional Style/ Item No.:	reTerminal DM-R101
Remark:	As claimed by the material declaration submitted by the client, the material of Additional Style/ Item No. are the same as the tested Style/ Item No. . But the results only for the tested sample. And the applicant will undertake all differences and risk.
Sample Receiving Date:	May 11,2023
Lately Re-submit Date:	June 28,2023
Testing Period:	May 11,2023 - July 14,2023
Result:	**Please refer to next page(s).**

Signed for and on behalf of

BACL

Checked by: Queenie Lee

Approved by: Len Xie

TEST REPORT

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

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)	Silvery metal(big screw)	BL	BL	BL	BL	---
(2)	Silvery metal(small screw)	BL	BL	BL	BL	---
(3)	White/golden body(fuse)	BL	BL	BL	BL	BL
(4)	Green plastic(cover, socket)	BL	BL	BL	BL	BL
(5)	Orange plastic(cover, socket)	BL	BL	BL	BL	BL
(6)	Silvery metal(pin, socket)	BL	BL	BL	BL	---
(7)	Black PVC(shell, round plug, connecting line)	BL	BL	BL	BL	BL
(8)	Silvery metal(shell, round plug, connecting line)	BL	BL	BL	BL	---
(9)	Black plastic(pin holder, round plug, connecting line)	BL	BL	BL	BL	BL
(10)	Silvery metal(pin, round plug, connecting line)	BL	BL	BL	BL	---
(11)	Silvery solder(round plug, connecting line, semi-product)	BL	BL	BL	BL	---
(12)	Green plastic(cover, plug, connecting line)	BL	BL	BL	BL	BL
(13)	Silvery metal(screw, plug, connecting line)	BL	BL	BL	BL	---
(14)	Silvery metal(contact chip, plug, connecting line)	BL	BL	BL	BL	---
(15)*1	Silvery metal(sleeve, plug, connecting line)	OL (12447)	BL	BL	BL	---
(16)	Silvery solder(wire, connecting line, semi-product, semi-product)	BL	BL	BL	BL	---
(17)	Black PVC(wire jacket, connecting line)	BL	BL	BL	BL	BL
(18)	Black PVC(inner wire jacket, connecting line)	BL	BL	BL	BL	BL
(19)	Red PVC(inner wire jacket, connecting line)	BL	BL	BL	BL	BL
(20)	Silvery metal(wire, connecting line)	BL	BL	BL	BL	---
(21)	Black printed white plastic(label, re Terminal DM)	BL	BL	BL	BL	BL
(22)	White plated silvery metal(shell, re Terminal DM)	BL	BL	BL	BL	---
(23)	Silvery metal(small screw, shell, re Terminal DM)	BL	BL	BL	BL	---
(24)	Black soft plastic(plug, shell, re Terminal DM)	BL	BL	BL	BL	BL
(25)	White plated silvery metal(socket holder, shell, re Terminal DM)	BL	BL	BL	BL	---
(26)	Silvery metal(big screw, shell, re Terminal DM)	BL	BL	BL	BL	---
(27)	Green plastic(cover, small green socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(28)	Silvery metal(pin, small green socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(29)*1	Golden metal(nut, small green socket, PCB, re Terminal DM, semi-product)	OL (15723)	BL	BL	BL	---
(30)	Green plastic(cover, big green socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(31)	Silvery metal(pin, big green socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(32)	Black plastic(cover, SIM socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(33)	Gray plastic(cover, SIM socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(34)	Off-white plastic(cover, SIM socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(35)	Silvery metal(pin, SIM socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(36)	Silvery metal(spring, SIM socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(37)	Silvery metal(hook, SIM socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(38)	Black plastic(socket, PCB, SIM socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(39)	Silvery metal(pin, socket, PCB, SIM socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(40)*	Green coated beige plastic with coppery metal(PCB, SIM socket, PCB, re Terminal DM)	BL	BL	BL	BL	X
(41)	Silvery metal(cover, switch "BOOT", PCB, re Terminal DM)	BL	BL	BL	BL	---
(42)	Black plastic(button, switch "BOOT", PCB, re Terminal DM)	BL	BL	BL	BL	BL
(43)	Black plastic(cover, switch "BOOT", PCB, re Terminal DM)	BL	BL	BL	BL	BL
(44)	Silvery metal(pin, switch "BOOT", PCB, re Terminal DM)	BL	BL	BL	BL	---
(45)	Silvery metal(cover, USB DEVICE socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(46)	Black plastic(pin holder, USB DEVICE socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(47)	Silvery metal(pin, USB DEVICE socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(48)	Silvery metal(cover, switch "RESET", PCB, re Terminal DM)	BL	BL	BL	BL	---
(49)	Gray plastic(button, switch "RESET", PCB, re Terminal DM)	BL	BL	BL	BL	BL
(50)	Silvery metal(clips, switch "RESET", PCB, re Terminal DM)	BL	BL	BL	BL	---
(51)	Black plastic(cover, switch "RESET", PCB, re Terminal DM)	BL	BL	BL	BL	BL
(52)	Silvery metal(pin, switch "RESET", PCB, re Terminal DM)	BL	BL	BL	BL	---
(53)	Silvery metal(cover, USB HDST socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(54)	Black plastic(cover, USB HDST socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(55)	Golden metal(pin, USB HDST socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(56)	Silvery metal(cover, AUDID socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(57)	Black plastic(cover, AUDID socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(58)	Silvery metal(pin, AUDID socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(59)	Silvery metal(cover, HCMI socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(60)	Black plastic(pin holder, HCMI socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(61)	Silvery metal(pin, HCMI socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(62)	Silvery metal(cover, LANI socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(63)	Black plastic(pin holder, LANI socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(64)	Yellow body(LED, LANI socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(65)	Green body(LED, LANI socket, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(66)	Silvery metal(pin, LANI socket, PCB, re Terminal DM)	BL	BL	BL	BL	---
(67)	Black plastic(cover, button cell, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(68)	White plastic(plug, button cell, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(69)	Silvery metal(pin, plug, button cell, PCB, re Terminal DM)	BL	BL	BL	BL	---
(70)	Black PVC(wire jacket, button cell, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(71)	Red PVC(wire jacket, button cell, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(72)	Silvery metal(wire, button cell, PCB, re Terminal DM)	BL	BL	BL	BL	---
(73)	Silvery metal(contact chip, button cell, PCB, re Terminal DM)	BL	BL	BL	BL	---
(74)	Black plastic(sleeve, button cell, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(75)	Red plastic(sleeve, button cell, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(76)	Black foam(cover, MIC, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(77)	Black body(MIC, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(78)	Black fabric with adhesive(sleeve, wire, MIC, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(79)	Yellow PVC(wire jacket, MIC, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(80)	Red PVC(wire jacket, MIC, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(81)	Green PVC(wire jacket, MIC, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(82)	Silvery metal(wire, MIC, PCB, re Terminal DM)	BL	BL	BL	BL	---
(83)	White glue(PCB, re Terminal DM)	BL	BL	BL	BL	BL
(84)	Blue glue(PCB, re Terminal DM)	BL	BL	BL	BL	BL
(85)	White/golden body(fuse, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(86)	White plastic(fuse holder, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(87)	White body(GDT, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(88)	Blue body(capacitor, PCB, re Terminal DM)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(89)	Black coated silvery body(big capacitor, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(90)	Red coated silvery body(capacitor, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(91)	Black body(capacitor, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(92)	Black body(network converter, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(93)	Black body(inductor, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(94)	Black body(big IC, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(95)	Black body(middle IC, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(96)	Black body(small IC, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(97)	Silvery body(CPU, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(98)	Pale brown body(SMD capacitor, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(99)	Brown body(SMD big capacitor, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(100)	Brown transparent body(SMD inductor, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(101)	Black body(SMD diode, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(102)	Black body(SMD triode, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(103)	Golden body(SMD crystal oscillator, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(104)	Black coated silvery body(small capacitor, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(105)	Black body(SMD bridge rectifier, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(106)	Black body(SMD big resistor, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(107)	Black body(SMD small resistor, PCB, re Terminal DM)	BL	BL	BL	BL	BL
(108)	Brown body(SMD small capacitor, PBC, re Terminal DM)	BL	BL	BL	BL	BL
(109)	Silvery metal(long bolt, PBC, re Terminal DM semi-product)	BL	BL	BL	BL	---
(110)	Silvery metal(short bolt, PBC, re Terminal DM semi-product)	BL	BL	BL	BL	---
(111)*	White printed green coated beige plastic with coppery metal(PCB, re Terminal DM)	BL	BL	BL	BL	X
(112)	Silvery solder(PBC, re Terminal DM)	BL	BL	BL	BL	---
(113)	Silvery metal(screw, PBC, re Terminal DM)	BL	BL	BL	BL	---
(114)	Black plated silvery metal(big screw, PBC, re Terminal DM)	BL	BL	BL	BL	---
(115)	Black plated silvery metal(small screw, PBC, re Terminal DM)	BL	BL	BL	BL	---
(116)	Black plastic with adhesive(tape, screen, re Terminal DM)	BL	BL	BL	BL	BL
(117)	Transparent plastic(cover, screen, re Terminal DM)	BL	BL	BL	BL	BL
(118)	Black plastic(sleeve, wire, screen, re Terminal DM)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(119)	Yellow PVC(wire jacket, screen, re Terminal DM)	BL	BL	BL	BL	BL
(120)	Red PVC(wire jacket, screen, re Terminal DM)	BL	BL	BL	BL	BL
(121)	Blue PVC(wire jacket, screen, re Terminal DM)	BL	BL	BL	BL	BL
(122)	Green PVC(wire jacket, screen, re Terminal DM)	BL	BL	BL	BL	BL
(123)	Gray PVC(wire jacket, screen, re Terminal DM)	BL	BL	BL	BL	BL
(124)	White plastic(cover, socket, PCB, screen, re Terminal DM)	BL	BL	BL	BL	BL
(125)	Silvery metal(pin, socket, PCB, screen, re Terminal DM)	BL	BL	BL	BL	---
(126)	Black body(buzzer, PCB, screen, re Terminal DM)	BL	BL	BL	BL	BL
(127)	Yellow body(LED, PCB, screen, re Terminal DM)	BL	BL	BL	BL	BL
(128)	Black body(SMD diode, PCB, screen, re Terminal DM)	BL	BL	BL	BL	BL
(129)	Black body(SMD triode, PCB, screen, re Terminal DM)	BL	BL	BL	BL	BL
(130)	Black body(IC, PCB, screen, re Terminal DM)	BL	BL	BL	BL	BL
(131)	Silvery body(IC, PCB, screen, re Terminal DM)	BL	BL	BL	BL	BL
(132)*	White printed green coated beige plastic with coppery metal(PCB, screen, re Terminal DM)	BL	BL	BL	BL	X
(133)	Silvery solder(PCB, screen, re Terminal DM)	BL	BL	BL	BL	---
(134)	Black soft plastic(gasket, screen, re Terminal DM)	BL	BL	BL	BL	BL
(135)	White fabric with adhesive(dust screen, screen, re Terminal DM)	BL	BL	BL	BL	BL
(136)	Black plastic with adhesive(tape, screen, re Terminal DM)	BL	BL	BL	BL	BL
(137)	Blue coated white plastic((wire jacket, screen, re Terminal DM)	BL	BL	BL	BL	BL
(138)	Silvery metal(wire, screen, re Terminal DM)	BL	BL	BL	BL	---
(139)	White printed brown plastic with coppery metal(FPC, screen, re Terminal DM)	BL	BL	BL	BL	BL
(140)	Silvery solder(FPC, screen, re Terminal DM)	BL	BL	BL	BL	---
(141)	Silvery metal(base, screen, re Terminal DM)	BL	BL	BL	BL	---
(142)	White plastic(frame, screen, re Terminal DM)	BL	BL	BL	BL	BL
(143)	White plastic(film, screen, re Terminal DM)	BL	BL	BL	BL	BL
(144)	Transparent plastic(film, screen, re Terminal DM)	BL	BL	BL	BL	BL
(145)	Silvery plastic(film, screen, re Terminal DM)	BL	BL	BL	BL	BL
(146)	Iridescent silvery plastic(film, screen, re Terminal DM)	BL	BL	BL	BL	BL
(147)	White body(LED, screen, re Terminal DM)	BL	BL	BL	BL	BL
(148)	Black coated transparent glass(screen, re Terminal DM)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(149)	Silvery coated transparent glass(screen, re Terminal DM)	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. 15,29 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.

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.

A.2 Wet Chemical Testing

A.2.1 PBBs & PBDEs content

Test method: IEC 62321-6:2015

Item	Unit	MDL	Result			Limit
			(40)	(111)	(132)	
Monobromobiphenyl (MonoBB)	mg/kg	50	N.D.	N.D.	N.D.	-
Dibromobiphenyl(DiBB)	mg/kg	50	N.D.	N.D.	N.D.	-
Tribromobiphenyl(TriBB)	mg/kg	50	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl(TetraBB)	mg/kg	50	N.D.	N.D.	N.D.	-
Pentabromobiphenyl(PentaBB)	mg/kg	50	N.D.	N.D.	N.D.	-
Hexabromobiphenyl(HexaBB)	mg/kg	50	N.D.	N.D.	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	50	N.D.	N.D.	N.D.	-
Octabromobiphenyl(OctaBB)	mg/kg	50	N.D.	N.D.	N.D.	-
Nonabromobiphenyl(NonaBB)	mg/kg	50	N.D.	N.D.	N.D.	-
Decabromobiphenyl(DecaBB)	mg/kg	50	N.D.	N.D.	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	50	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	50	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	50	N.D.	N.D.	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	50	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	50	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	50	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	50	N.D.	N.D.	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	50	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	50	N.D.	N.D.	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	50	N.D.	N.D.	N.D.	-

Item	Unit	MDL	Result			Limit
			(40)	(111)	(132)	
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**	/

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

Test method: IEC 62321-8:2017

Item	Unit	MDL	Result						Limit
			(3)+(64)+(65)	(4)+(5)+(9)	(7)	(12)+(21)+(24)	(17)	(18)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	735	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.	110	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	86	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Result						Limit
			(19)	(27)+(30)+(32)	(33)+(34)+(38)	(40)	(42)+(43)+(46)	(49)+(51)+(54)	
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
			(57)+(60)+(63)	(67)+(68)+(74)	(70)+(71)	(75)+(86)+(117)	(76)	(77)+(87)+(88)	
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
			(78)+(116)+(135)	(79)	(80)	(81)	(83)+(84)	(85)+(131)+(147)	
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.	32	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
			(89)+(90)+(91)	(92)+(93)+(94)	(95)+(96)+(97)	(101)+(102)+(103)	(104)	(105)+(126)+(127)	
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**	/

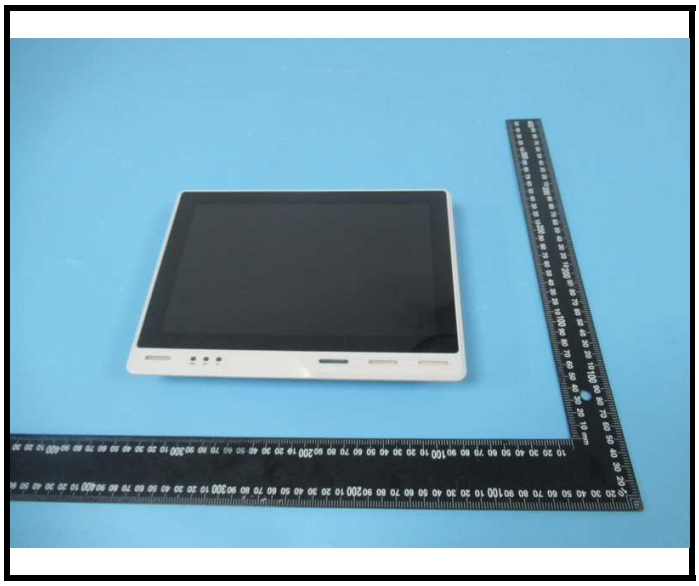
Item	Unit	MDL	Result						Limit
			(111)+(132)+(139)	(118)+(124)+(134)	(119)	(120)	(121)	(122)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	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
			(123)	(128)+(129)+(130)	(136)	(137)+(142)+(143)	(144)+(145)+(146)	(148)+(149)	
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**	/

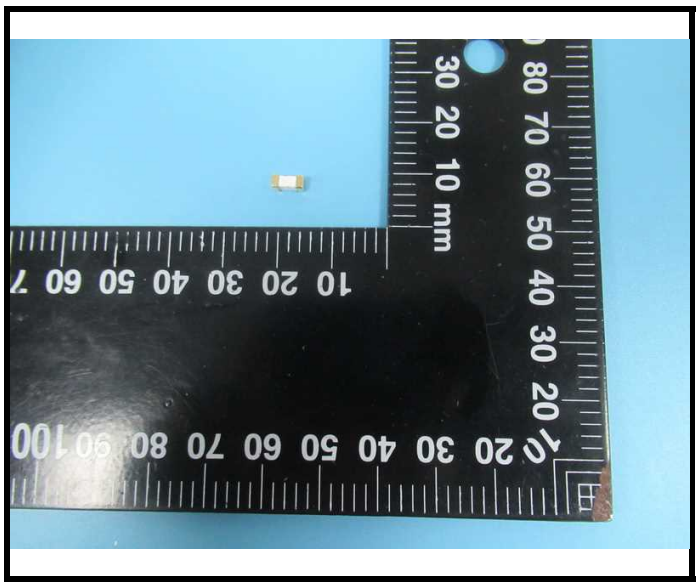
Note:
- N.D.= Not Detected or less than MDL
- MDL = Method Detection Limit
- "+" = Composite testing.
-The Result less than MDL are not taken into account while calculating the sum contents.

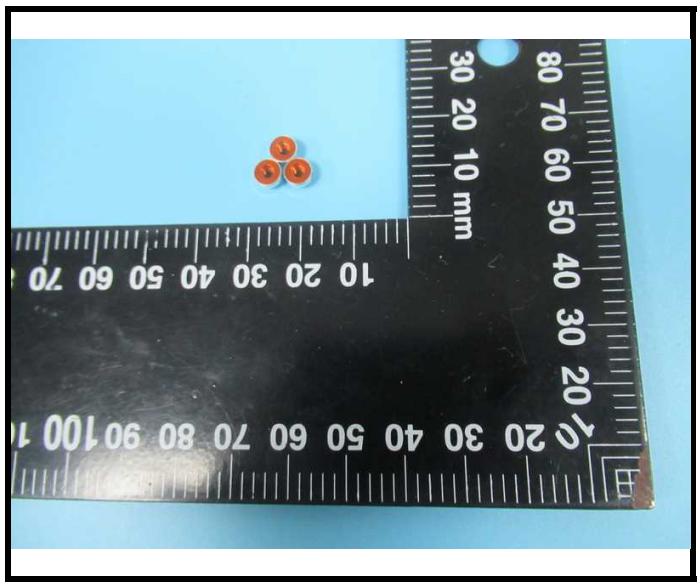
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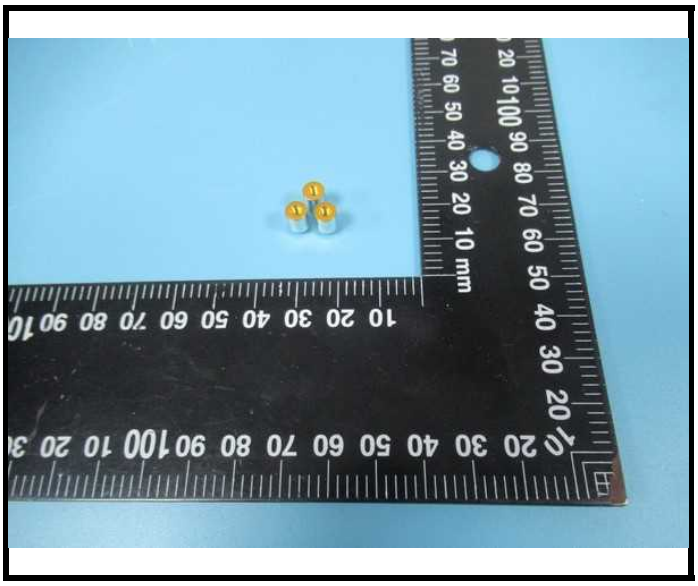
Photograph of Sample











BACL authenticate the photo on original report only

Statement:

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6.The test samples were in good condition before testing.

*** End of Report ***