# TEST REPORT

**REPORT No.: R2DG19122620416E** Date: January 6, 2020 Page 1 of 12

**BAREBONES SYSTEMS, LLC.**
**1215 East Wilmington Avenue-Ste. 140 Salt Lake City, UT 84106**

Report on the submitted samples said to be:

| | | |
|---|---|---|
| Sample Name | : | Forest Lantern Antique Bronze/ Forest Lantern Red LIV-261,LIV-262 |
| Country of Origin | : | China |
| Sample Receiving Date | : | December 26, 2019 |
| Testing Period | : | From December 26, 2019 to January 6, 2020 |
| Results | : | Please refer to next page(s). |

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**Summary of Test Results:**

| TEST REQUEST | CONCLUSION |
|---|---|
| A RoHS Directive 2011/65/EU and its amendment directives | |
| XRF screening test and Wet Chemical Testing (Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs & PBDEs content) | **Pass** |
| Phthalates(DBP、BBP、DEHP、DIBP)content | **Pass** |

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Signed for and on behalf of BACL

Checked by: _____ Farhan Yang

Approved by: _____ Bensen Huang

**Results:**

**A、RoHS Directive 2011/65/EU and its amendment directives**

**XRF screening test**

Test method: With reference to IEC62321-3-1:2013 screening by X-ray Fluorescence Spectroscopy (XRF)

| Seq. No. | Tested Part(s) | Results | | | | |
|---|---|---|---|---|---|---|
| | | Pb | Cd | Hg | Cr | Br |
| 1 | Silvery metal with black/bronze coating(shell, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 2 | Silvery metal with black coating(big handle, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 3 | Black soft plastic(sleeve, big handle, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 4 | Silvery metal with black coating(small handle, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 5 | Black plastic(bracket, small handle, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 6 | Black plastic(inner, shell, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 7 | Transparent plastic(bracket, shell, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 8 | Black plastic with silvery coating(reflector, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 9 | Silvery metal(buckle, big handle, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 10 | Silvery metal(nut, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 11 | Silvery metal(gasket, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 12 | Black glue(fixed nut, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 13 | Silvery metal with black coating(catch net, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 14 | Silvery metal with black coating(LOGO, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 15 | Copper metal(rivet, LOGO, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 16 | Silvery metal with black coating(screw, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 17 | Silvery metal(screw, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 18 | Translucence plastic(lampshade, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 19 | Black plastic(bracket, lampshade, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 20 | Silvery metal with black/bronze coating(base, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |

# TEST REPORT



| Seq. No. | Tested Part(s) | Results | | | | |
|---|---|---|---|---|---|---|
| | | Pb | Cd | Hg | Cr | Br |
| 21 | Silvery metal with black coating(signboard, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 22 | Silvery metal(rivet, signboard, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 23 | Silvery metal(plate, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 24 | Black plastic(battery box, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 25 | Black plastic(battery cover, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 26 | White plastic(inner, base, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 27 | Black plastic(knob switch, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 28 | Silvery metal(dig nut, base, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 29 | Silvery metal(dig gasket, base, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 30* | Yellow/green PCB("KB"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | IN |
| 31 | Silvery solder("KB"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 32 | Silvery metal(spring,"KB"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 33 | Black soft plastic with white printing(wire jacket,"KB"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 34 | Red soft plastic(wire jacket,"KB"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 35 | Silvery metal(wire,"KB"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 36 | Silvery metal(pin, plug,"KB"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 37 | White plastic(pin holder, plug,"KB"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 38 | White PWB(PWB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 39 | Silvery solder(PWB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 40 | Orange body(LED, PWB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 41 | Silvery metal(bracket, PWB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 42 | White glue(radiator glue, PWB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 43 | Black soft plastic with white printing (wire jacket, PWB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 44 | Red soft plastic with black printing (wire jacket, PWB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 45 | Silvery metal(pin, plug, PWB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 46 | White plastic(pin holder, plug, PWB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 47* | Green PCB("5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | IN |

# TEST REPORT



| Seq. No. | Tested Part(s) | Results | | | | |
|---|---|---|---|---|---|---|
| | | Pb | Cd | Hg | Cr | Br |
| 48 | Silvery solder("5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 49 | Green body(LED,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 50* | Translucence plastic(bracket, LED,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | IN |
| 51 | Silvery metal(fixed, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 52 | Silvery metal(shell, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 53 | Silvery metal(axle, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 54 | Silvery metal(inner, shell, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 55 | Beige plastic(gears, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 56 | Silvery metal(inner, gears, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 57 | Black plastic(bracket, gears, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 58 | Silvery metal(plate, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 59 | Green plastic(base, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 60 | Silvery metal(contacts, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 61 | Blue plastic(bracket, switch,"5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 62* | White plastic(pin holder, plug, "5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | IN |
| 63 | Silvery metal(pin, plug, "5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 64 | Gray soft plastic with red/black coating(wire jacket, "5110-C"PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 65* | Green PCB(PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | IN |
| 66 | Silvery solder(PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 67 | Black body(IC, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 68 | Brown body(capacitor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 69 | Black body(resistor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 70 | Black body(triode, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 71 | Blue plastic with golden coating(sleeve, capacitor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |

# TEST REPORT



| Seq. No. | Tested Part(s) | Results | | | | |
|---|---|---|---|---|---|---|
| | | Pb | Cd | Hg | Cr | Br |
| 72 | Silvery metal(shell, capacitor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 73 | Black rubber(base, capacitor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 74 | Transparent soft plastic(film, capacitor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 75 | Brown paper with liquid(film, capacitor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 76 | Silvery metal(foil, capacitor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 77 | Dull silvery metal(foil, capacitor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 78 | Silvery metal(connector, capacitor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 79 | Silvery metal(pin, capacitor, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 80 | Silvery metal(shell, USB socket, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 81 | Golden metal(pin, USB socket, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | --- |
| 82 | Black plastic(pin holder, USB socket, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 83 | White plastic(socket, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | BL |
| 84* | Beige plastic(socket, PCB, Forest Lantern Antique Bronze) | BL | BL | BL | BL | IN |
| 85 | Silvery metal with red coating(shell, Forest Lantern Red) | BL | BL | BL | BL | --- |
| 86 | Silvery metal with red coating(base, Forest Lantern Red) | BL | BL | BL | BL | --- |

Remark:
(1)

--- = Not Conducted

* = Results 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 | LOD < 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 |

BL = Below Limit
OL = Over Limit
IN = Inconclusive
LOD = Limit of Detection

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

(3) The maximum permissible limit is quoted from 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 |
| Polybrominate ddiphenylethers (PBDEs) | 1000 |

(4) As requested by applicant, only components shown in this report were screened by XRF spectroscopy for 2011/65/EU and its amendment directives, other components were not screened included in this report.

(5) Photo appendix is included.

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.

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**Wet Chemical Testing：**

Test method:

PBBs & PBDEs Content:
With reference to IEC 62321-6:2015, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

**1) The test results of PBBs & PBDEs**

| Item | Unit | MDL | Results | | | Limit |
|---|---|---|---|---|---|---|
| | | | 30 | 47 | 50 | |
| **Polybrominated Biphenyls** | | | | | | |
| Monobromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Dibromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Tribromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Tetrabromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Pentabromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Hexabromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Heptabromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Octabromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Nonabromodiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Decabromodiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Total content | mg/kg | / | N.D. | N.D. | N.D. | 1000 |
| **Polybrominated Diphenylethers** | | | | | | |
| Monobromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Dibromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Tribromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Tetrabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Pentabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Hexabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Heptabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Octabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Nonabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Decabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Total content | mg/kg | / | N.D. | N.D. | N.D. | 1000 |
| **Conclusion** | **/** | **/** | **Pass** | **Pass** | **Pass** | **/** |

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# TEST REPORT



| Item | Unit | MDL | Results | | | Limit |
|---|---|---|---|---|---|---|
| | | | 62 | 65 | 84 | |
| **Polybrominated Biphenyls** | | | | | | |
| Monobromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Dibromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Tribromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Tetrabromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Pentabromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Hexabromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Heptabromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Octabromobiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Nonabromodiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Decabromodiphenyl | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Total content | mg/kg | / | N.D. | N.D. | N.D. | 1000 |
| **Polybrominated Diphenylethers** | | | | | | |
| Monobromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Dibromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Tribromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Tetrabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Pentabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Hexabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Heptabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Octabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Nonabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Decabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | N.D. | |
| Total content | mg/kg | / | N.D. | N.D. | N.D. | 1000 |
| **Conclusion** | **/** | **/** | **Pass** | **Pass** | **Pass** | **/** |

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- The results less than MDL are not taken into account while calculating the sum contents.
- mg/kg = ppm
- Photo is included.

**Phthalates(DBP、BBP、DEHP、DIBP)content**

Test method: With reference to IEC 62321-8:2017, by gas chromatographic-mass spectrometer (GC-MS)

| Item | Unit | MDL | Results | | | Limit |
|---|---|---|---|---|---|---|
| | | | 3+5+6 | 7+8+18 | 12+38+40 | |
| Dibutyl Phthalate (DBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Benzylbutyl Phthalate (BBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Diisobutyl Phthalate(DIBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| **Conclusion** | **/** | **/** | **Pass** | **Pass** | **Pass** | / |

| Item | Unit | MDL | Results | | | Limit |
|---|---|---|---|---|---|---|
| | | | 19+24+25 | 26+27+30 | 33+34+37 | |
| Dibutyl Phthalate (DBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Benzylbutyl Phthalate (BBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | % | 0.003 | N.D. | N.D. | 0.004 | 0.1 |
| Diisobutyl Phthalate(DIBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| **Conclusion** | **/** | **/** | **Pass** | **Pass** | **Pass** | / |

| Item | Unit | MDL | Results | | | Limit |
|---|---|---|---|---|---|---|
| | | | 42+49+55 | 43+44+46 | 47+50+59 | |
| Dibutyl Phthalate (DBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Benzylbutyl Phthalate (BBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Diisobutyl Phthalate(DIBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| **Conclusion** | **/** | **/** | **Pass** | **Pass** | **Pass** | / |

| Item | Unit | MDL | Results | | | Limit |
|---|---|---|---|---|---|---|
| | | | 57+67+68 | 61+62+64 | 65+83+84 | |
| Dibutyl Phthalate (DBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Benzylbutyl Phthalate (BBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Diisobutyl Phthalate(DIBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| **Conclusion** | **/** | **/** | **Pass** | **Pass** | **Pass** | / |

| Item | Unit | MDL | Results | | | Limit |
|---|---|---|---|---|---|---|
| | | | 69+70+71 | 73+74 | 75+82 | |
| Dibutyl Phthalate (DBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Benzylbutyl Phthalate (BBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| Diisobutyl Phthalate(DIBP) | % | 0.003 | N.D. | N.D. | N.D. | 0.1 |
| **Conclusion** | **/** | **/** | **Pass** | **Pass** | **Pass** | / |

Note:

- The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- "+"= Mixed, The admixture of specimen is tested as a whole(part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- Photo is included.

# TEST REPORT



Photograph of Sample

BACL authenticate the photo on original report only

## Directions:

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2. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
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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. , manufacture, 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.
7. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

*** End of Report ***