

| Report No: BST1908127715 | 01CR | Date: Aug.22, 2019 | Page 1 of 15 |
|-----------------------------|-----------------------|----------------------------------|--|
| Applicant : MAGNU | JM LIGHTING TEC | HNOLOGY CO., LTD | |
| Address : 12/F., Sa | n Toi Building 137-1 | 139 Connaught Road Central | Hong Kong |
| The following sample(s) was | /were submitted and i | dentified on behalf of the clier | its as: |
| Sample Name | : LASERCUBE | | |
| Trade Name | : LaserOS | | |
| Sample Model | : LC1000PRO LC1000 | | |
| Sample Received Date | : Aug.18, 2019 | | |
| Testing Period | : Aug.18, 2019 To | Aug.22, 2019 | |
| Test Requested | | 55/EU Annex II (EU) 2015/86 | sted by client with the RoHS 2 3 as last amended by Directive |
| Test Method | : Please refer to n | ext page(s). | |
| Test Result | : Please refer to n | ext page(s). | |

Signed for and on behalf of



Tony Qian/ Approved Signatory

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.

A1201-1204 Xinsanqi of Dongbao Road, Dongcheng District, Tel: 400-8829628/ 800-9990305 Dongguan, Guangdong, China Http://www.bst-lab.com E-mail: christina@bst-lab.com



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 2 of 15

Test Content:

| Test Item(s) | Test Method | Reference | Unit | Limit | MDL |
|---|----------------------------|-----------|--------------------|-------|-----|
| Cadmium(Cd) | IEC 62321-5:2013 | ICP-OES | mg/kg | 100 | 2 |
| Lead(Pb) | IEC 62321-5:2013 | ICP-OES | mg/kg | 1000 | 2 |
| Mercury(Hg) | IEC 62321-4:2013+AMD1:2017 | ICP-OES | mg/kg | 1000 | 2 |
| Hexavalent Chromium(CrVI) (Metal) | IEC 62321-7-1:2015 | UV-Vis | µg/cm ² | 0.13 | 0.1 |
| Hexavalent Chromium(CrVI) (Nonmetal) | IEC 62321-7-2:2017 | UV-Vis | mg/kg | 1000 | 8 |
| PBBs (Next form) | IEC 62321-6:2015 | GC-MS | mg/kg | 1000 | 5 |
| PBDEs (Next form) | IEC 62321-6:2015 | GC-MS | mg/kg | 1000 | 5 |
| Dibutyl Phthalate(DBP) | IEC 62321-8:2017 | GC-MS | mg/kg | 1000 | 30 |
| Butyl benzyl phthalate (BBP) | IEC 62321-8:2017 | GC-MS | mg/kg | 1000 | 30 |
| Di-(2-ethylhexyl) Phthalate(DEHP) | IEC 62321-8:2017 | GC-MS | mg/kg | 1000 | 30 |
| Diisobutyl phthalate (DIBP) | IEC 62321-8:2017 | GC-MS | mg/kg | 1000 | 30 |

| PBBs | | PBDEs | | |
|--------------------|--------------------|--------------------------|--------------------------|--|
| Monobromobiphenyl | Hexabromobiphenyl | Monobromodiphenyl ether | Hexabromodiphenyl ether | |
| Dibromobiphenyl | Heptabromobiphenyl | Dibromodiphenyl ether | Heptabromodiphenyl ether | |
| Tribromobiphenyl | Octabromobiphenyl | Tribromodiphenyl ether | Octabromodiphenyl ether | |
| Tetrabromobiphenyl | Nonabromobiphenyl | Tetrabromodiphenyl ether | Nonabromodiphenyl ether | |
| Pentabromobiphenyl | Decabromobiphenyl | Pentabromodiphenyl ether | Decabromodiphenyl ether | |

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 3 of 15

Sample Description:

| No. | Description | Name |
|-----|----------------|---------------------|
| 1 | Metal | Metal Plug |
| 2 | Plastic | Plug Plastic |
| 3 | Plastic | Power Adapter Shell |
| 4 | Plastic | Red Line Skin |
| 5 | Plastic | Black Line Skin |
| 6 | Plastic | White Line Skin |
| 7 | Metal | Wire Core |
| 8 | Plastic | DC Plug |
| 9 | РСВ | РСВ |
| 10 | Insurance Tube | Insurance Tube |
| 11 | Triode | Triode |
| 12 | Metal | Screw |
| 13 | Metal | Aluminum Shell |
| 14 | Glue | White Glue |
| 15 | Resistance | Resistance |
| 16 | Capacitance | Capacitance |
| 17 | Diode | Diode |
| 18 | Bridge Pile | Bridge Pile |
| 19 | Transformer | Transformer |
| 20 | Foam | Foam |

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 4 of 15

| No. | Description | Name |
|-----|-------------|------------------------|
| 21 | Metal | Solder |
| 22 | Metal | Metal Case |
| 23 | Metal | Screw |
| 24 | Plastic | White Line Skin |
| 25 | Plastic | Red Line Skin |
| 26 | Plastic | Black Line Skin |
| 27 | Plastic | Blue Line Skin |
| 28 | Plastic | Green Line Skin |
| 29 | Plastic | Yellow Line Skin |
| 30 | Plastic | Gray Line Skin |
| 31 | Plastic | Heat Shrinkable Casing |
| 32 | Plastic | Tie |
| 33 | Metal | Nut |
| 34 | Plastic | Adjustable Resistance |
| 35 | Glass | Glass |
| 36 | Metal | Black Metal |
| 37 | Metal | Copper |
| 38 | Metal | Laser Module |
| 39 | Metal | Spring |
| 40 | Metal | Magnetic Column |

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 5 of 15

| No. | Description | Name |
|-----|-------------|-------------------|
| 41 | Metal | Enameled Wire |
| 42 | Inductance | Inductance |
| 43 | Plastic | Switch |
| 44 | Metal | DC Plug |
| 45 | Metal | Aviation Plug |
| 46 | Plastic | Key |
| 47 | Plastic | Key Switch |
| 48 | Battery | Battery |
| 49 | Metal | USB Metal Frame |
| 50 | Plastic | White Plastic USB |
| 51 | Plastic | Black Plastic USB |
| 52 | Plastic | Black Line Skin |
| 53 | Plastic | White Line Skin |
| 54 | Plastic | Red Line Skin |
| 55 | Plastic | Black Paint Skin |
| 56 | Plastic | White Paint Skin |
| 57 | Plastic | Green Line Skin |

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 6 of 15

Test Result:

| Test Item(s) | No.1 | No.2 | No.3 | No.4 | No.5 |
|-----------------------------------|------|------|------|------|-------|
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBBs | | N.D. | N.D. | N.D. | N.D. |
| PBDEs | | N.D. | N.D. | N.D. | N.D. |
| Dibutyl Phthalate (DBP) | | N.D. | N.D. | N.D. | N.D. |
| Butyl benzyl phthalate (BBP) | | N.D. | N.D. | N.D. | N.D. |
| Di-(2-ethylhexyl) Phthalate(DEHP) | | N.D. | N.D. | N.D. | N.D. |
| Diisobutyl phthalate (DIBP) | | N.D. | N.D. | N.D. | N.D. |
| Test Item(s) | No.6 | No.7 | No.8 | No.9 | No.10 |
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBBs | N.D. | | | N.D. | N.D. |
| PBDEs | N.D. | | | N.D. | N.D. |
| Dibutyl Phthalate (DBP) | N.D. | | | N.D. | N.D. |
| Butyl benzyl phthalate (BBP) | N.D. | | | N.D. | N.D. |
| Di-(2-ethylhexyl) Phthalate(DEHP) | N.D. | | | N.D. | N.D. |
| Diisobutyl phthalate (DIBP) | N.D. | | | N.D. | N.D. |

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 7 of 15

| Test Item(s) | No.11 | No.12 | No.13 | No.14 | No.15 |
|-----------------------------------|-------|-------|-------|-------|-------|
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBBs | N.D. | | | N.D. | N.D. |
| PBDEs | N.D. | | | N.D. | N.D. |
| Dibutyl Phthalate (DBP) | N.D. | | | N.D. | N.D. |
| Butyl benzyl phthalate (BBP) | N.D. | | | N.D. | N.D. |
| Di-(2-ethylhexyl) Phthalate(DEHP) | N.D. | | | N.D. | N.D. |
| Diisobutyl phthalate (DIBP) | N.D. | | | N.D. | N.D. |
| Test Item(s) | No.16 | No.17 | No.18 | No.19 | No.20 |
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBBs | N.D. | N.D. | N.D. | | N.D. |
| PBDEs | N.D. | N.D. | N.D. | | N.D. |
| Dibutyl Phthalate (DBP) | N.D. | N.D. | N.D. | | N.D. |
| Butyl benzyl phthalate (BBP) | N.D. | N.D. | N.D. | | N.D. |
| Di-(2-ethylhexyl) Phthalate(DEHP) | N.D. | N.D. | N.D. | | N.D. |
| Diisobutyl phthalate (DIBP) | N.D. | N.D. | N.D. | | N.D. |

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 8 of 15

| Test Item(s) | No.21 | No.22 | No.23 | No.24 | No.25 |
|-----------------------------------|-------|-------|-------|-------|-------|
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBBs | | | | N.D. | N.D. |
| PBDEs | | | | N.D. | N.D. |
| Dibutyl Phthalate (DBP) | | | | N.D. | N.D. |
| Butyl benzyl phthalate (BBP) | | | | N.D. | N.D. |
| Di-(2-ethylhexyl) Phthalate(DEHP) | | | | N.D. | N.D. |
| Diisobutyl phthalate (DIBP) | | | | N.D. | N.D. |
| Test Item(s) | No.26 | No.27 | No.28 | No.29 | No.30 |
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBBs | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBDEs | N.D. | N.D. | N.D. | N.D. | N.D. |
| Dibutyl Phthalate (DBP) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Butyl benzyl phthalate (BBP) | N.D. | N.D. | N.D. | N.D. | N.D. |
| | N.D. | N.D. | N.D. | N.D. | N.D. |
| Di-(2-ethylhexyl) Phthalate(DEHP) | 10.2. | | | | |

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 9 of 15

| Test Item(s) | No.31 | No.32 | No.33 | No.34 | No.35 |
|-----------------------------------|-------|-------|-------|-------|-------|
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBBs | N.D. | N.D. | N.D. | N.D. | |
| PBDEs | N.D. | N.D. | N.D. | N.D. | |
| Dibutyl Phthalate (DBP) | N.D. | N.D. | N.D. | N.D. | |
| Butyl benzyl phthalate (BBP) | N.D. | N.D. | N.D. | N.D. | |
| Di-(2-ethylhexyl) Phthalate(DEHP) | N.D. | N.D. | N.D. | N.D. | |
| Diisobutyl phthalate (DIBP) | N.D. | N.D. | N.D. | N.D. | |
| Test Item(s) | No.36 | No.37 | No.38 | No.39 | No.40 |
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBBs | | | | | |
| PBDEs | | | | | |
| Dibutyl Phthalate (DBP) | | | | | |
| Butyl benzyl phthalate (BBP) | | | | | |
| Di-(2-ethylhexyl) Phthalate(DEHP) | | | | | |
| Diisobutyl phthalate (DIBP) | | | | | |

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 10 of 15

| Test Item(s) | No.41 | No.42 | No.43 | No.44 | No.45 |
|-----------------------------------|-------|-------|-------|-------|-------|
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBBs | | | N.D. | | |
| PBDEs | | | N.D. | | |
| Dibutyl Phthalate (DBP) | | | N.D. | | |
| Butyl benzyl phthalate (BBP) | | | N.D. | | |
| Di-(2-ethylhexyl) Phthalate(DEHP) | | | N.D. | | |
| Diisobutyl phthalate (DIBP) | | | N.D. | | |
| Test Item(s) | No.46 | No.47 | No.48 | No.49 | No.50 |
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBBs | | | | | N.D. |
| PBDEs | | | | | N.D. |
| Dibutyl Phthalate (DBP) | | | | | N.D. |
| Butyl benzyl phthalate (BBP) | | | | | N.D. |
| Di-(2-ethylhexyl) Phthalate(DEHP) | | | | | N.D. |
| Diisobutyl phthalate (DIBP) | | | | | N.D. |

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 11 of 15

| Test Item(s) | No.51 | No.52 | No.53 | No.54 |
|-----------------------------------|-------|-------|-------|-------|
| Cadmium (Cd) | N.D. | N.D. | N.D. | N.D. |
| Lead (Pb) | N.D. | N.D. | N.D. | N.D. |
| Mercury (Hg) | N.D. | N.D. | N.D. | N.D. |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. | N.D. |
| PBBs | N.D. | N.D. | N.D. | N.D. |
| PBDEs | N.D. | N.D. | N.D. | N.D. |
| Dibutyl Phthalate (DBP) | N.D. | N.D. | N.D. | N.D. |
| Butyl benzyl phthalate (BBP) | N.D. | N.D. | N.D. | N.D. |
| Di-(2-ethylhexyl) Phthalate(DEHP) | N.D. | N.D. | N.D. | N.D. |
| Diisobutyl phthalate (DIBP) | N.D. | N.D. | N.D. | N.D. |
| Test Item(s) | No.55 | No.56 | No.57 | |
| Cadmium (Cd) | N.D. | N.D. | N.D. | |
| Lead (Pb) | N.D. | N.D. | N.D. | |
| Mercury (Hg) | N.D. | N.D. | N.D. | |
| Hexavalent Chromium (CrVI) | N.D. | N.D. | N.D. |] |
| PBBs | N.D. | N.D. | N.D. | |
| PBDEs | N.D. | N.D. | N.D. | |
| Dibutyl Phthalate (DBP) | N.D. | N.D. | N.D. |] |
| Butyl benzyl phthalate (BBP) | N.D. | N.D. | N.D. |] |
| Di-(2-ethylhexyl) Phthalate(DEHP) | N.D. | N.D. | N.D. |] |
| Diisobutyl phthalate (DIBP) | N.D. | N.D. | N.D. | |

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

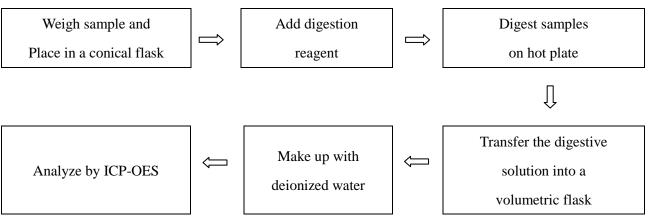
Page 12 of 15

Note: 1. mg/kg= ppm

- 2. N.D.= Not Detected(<MDL)
- 3. MDL = Method Detection Limit
- 4. -- = No Testing
- 5. when Cr(VI) in a sample is detected below the 0.10 µg/cm² LOQ (limit of quantification), the sample is considered to be negative for Cr(VI). Since Cr(VI) may not be uniformly distributed in the coating even within the same sample batch, a "grey zone" between 0.10 µg/cm² and 0.13 µg/cm² has been established as "inconclusive" to reduce inconsistent results due to unavoidable coating variations. In this case, additional testing may be necessary to confirm the presence of Cr(VI). When Cr(VI) is detected above 0.13 µg/cm², the sample is considered to be positive for the presence of Cr(VI) in the coating layer. unavoidable coating variations may influence the determination Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

Test Process:

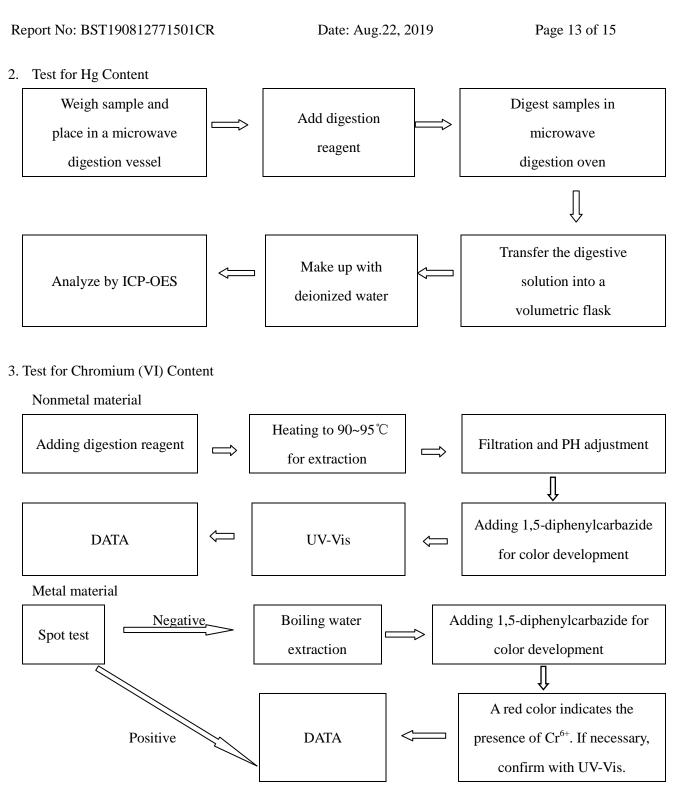
1. Test for Cd/Pb Content



This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.





This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.

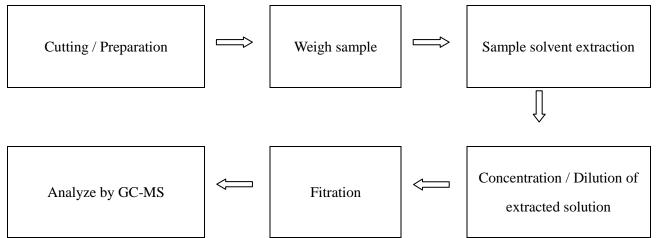


Report No: BST190812771501CR

Date: Aug.22, 2019

Page 14 of 15

4. Test for DBP, BBP, DEHP, DIBP, PBB, PBDE Content



Sample Photo:



This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.



Report No: BST190812771501CR

Date: Aug.22, 2019

Page 15 of 15



*** End of Report ***

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Chemical Lab.

Dongguan BST Testing Co., Ltd.