

TEST REPORT



Report No.: A2005025-C01-R01

Date: May 26, 2020

Page 1 of 6

Applicant: Beijing TierTime Technology Co., Ltd
Address: No.2 Nanyi Street, Yanqi Economic Development Zone, Huairou District, Beijing,101407, P. R. China

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client:

| | |
|---------------------------|----------------------------------|
| Sample Name | Plastic wire |
| Model No. | ABS 501 White |
| Sample Received Date | May 18, 2020 |
| Testing Period | May 19 – 26, 2020 |
| Test Method & Test Result | Please refer to following pages. |

Test Requested

As specified by client, according to RoHS Directive 2011/65/EU with amendment (EU) 2015/863 to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Dibutyl phthalate(DBP), Benzylbutyl phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP) and Diisobutyl phthalate(DIBP) in the submitted sample(s).

Result

Pass

Tested by:

Lee L7

Approved by:

Anne Zhao

Reviewed by:

Tony Gmy

Date of issue:

May 26, 2020



TEST REPORT



Report No.: A2005025-C01-R01

Date: May 26, 2020

Page 2 of 6

Tested Sample/Part Description

White plastic

Test method

| Tested Item(s) | Test Method | Measured Equipment(s) |
|----------------------------------------|-------------------------------------------------------------------------------------|-----------------------|
| Lead (Pb) | IEC 62321-5:2013 | ICP-OES |
| Cadmium (Cd) | IEC 62321-5:2013 | ICP-OES |
| Mercury (Hg) | IEC 62321-4:2013+AMD1:2017 | ICP-OES |
| Hexavalent Chromium (Cr(VI)) | IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013 | UV-Vis/ ICP-OES |
| Polybrominated Biphenyls (PBBs) | IEC 62321-6:2015 | GC-MS |
| Polybrominated Diphenyl Ethers (PBDEs) | IEC 62321-6:2015 | GC-MS |
| Phthalates(DBP, BBP, DEHP, DIBP) | IEC 62321-8:2017 | GC-MS |

TEST REPORT



Report No.: A2005025-C01-R01

Date: May 26, 2020

Page 3 of 6

Test Result

| Tested Item(s) | Result (mg/kg) | MDL (mg/kg) | EU RoHS Limit (mg/kg) |
|-----------------------------------------------|----------------|-------------|-----------------------|
| Lead (Pb) | N.D. | 2 | 1000 |
| Cadmium (Cd) | N.D. | 2 | 100 |
| Mercury (Hg) | N.D. | 2 | 1000 |
| Hexavalent Chromium (Cr(VI)) | N.D. | 8 | 1000 |
| Monobromobiphenyl (MonoBB) | N.D. | 5 | / |
| Dibromobiphenyl (DiBB) | N.D. | 5 | / |
| Tribromobiphenyl (TriBB) | N.D. | 5 | / |
| Tetrabromobiphenyl (TetraBB) | N.D. | 5 | / |
| Pentabromobiphenyl (PentaBB) | N.D. | 5 | / |
| Hexabromobiphenyl (HexaBB) | N.D. | 5 | / |
| Heptabromobiphenyl (HeptaBB) | N.D. | 5 | / |
| Octabromobiphenyl (OctaBB) | N.D. | 5 | / |
| Nonabromobiphenyl (NonaBB) | N.D. | 5 | / |
| Decabromobiphenyl (DecaBB) | N.D. | 5 | / |
| Sum of polybrominated biphenyls (PBBs) | N.D. | / | 1000 |
| Monobromodiphenyl ether (MonoBDE) | N.D. | 5 | / |
| Dibromodiphenyl ether (DiBDE) | N.D. | 5 | / |
| Tribromodiphenyl ether (TriBDE) | N.D. | 5 | / |
| Tetrabromodiphenyl ether (TetraBDE) | N.D. | 5 | / |
| Pentabromodiphenyl ether (PentaBDE) | N.D. | 5 | / |
| Hexabromodiphenyl ether (HexaBDE) | N.D. | 5 | / |
| Heptabromodiphenyl ether (HeptaBDE) | N.D. | 5 | / |
| Octabromodiphenyl ether (OctaBDE) | N.D. | 5 | / |
| Nonabromodiphenyl ether (NonaBDE) | N.D. | 5 | / |
| Decabromodiphenyl ether (DecaBDE) | N.D. | 5 | / |
| Sum of polybrominated diphenyl ethers (PBDEs) | N.D. | / | 1000 |
| Dibutyl phthalate (DBP) | N.D. | 50 | 1000 |
| Benzylbutyl phthalate (BBP) | N.D. | 50 | 1000 |
| Di-2-ethylhexyl phthalate (DEHP) | N.D. | 50 | 1000 |
| Diisobutyl phthalate (DIBP) | N.D. | 50 | 1000 |

Remark: MDL = Method Detection Limit
N.D. = Not Detected (<MDL)
mg/kg = ppm = parts per million

Shenzhen Alpha Product Testing Co., Ltd.

Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103, Shenzhen, Guangdong, China



TEST REPORT

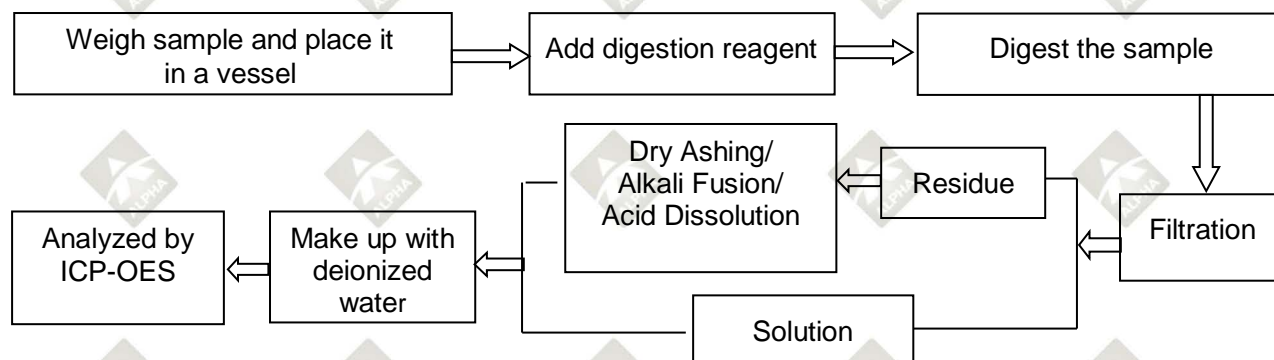
Report No.: A2005025-C01-R01

Date: May 26, 2020

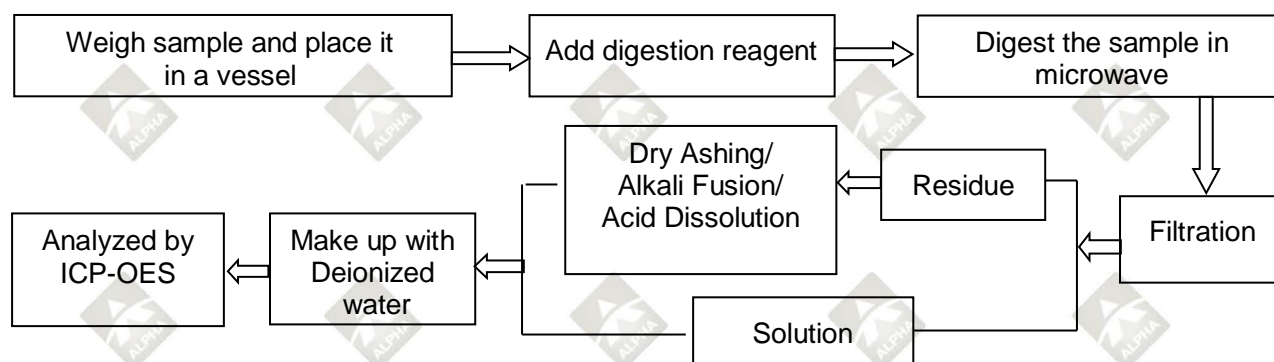
Page 4 of 6

Test Process

1. Lead(Pb), Cadmium(Cd), Chromium(Cr)

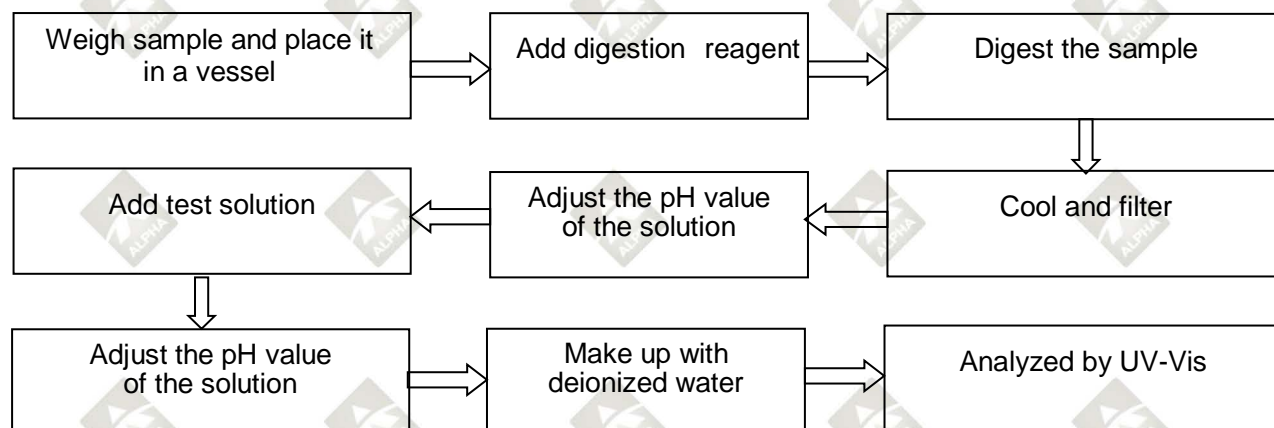


2. Mercury(Hg)



3. Hexavalent Chromium (Cr (VI))

(1) IEC 62321-7-2:2017





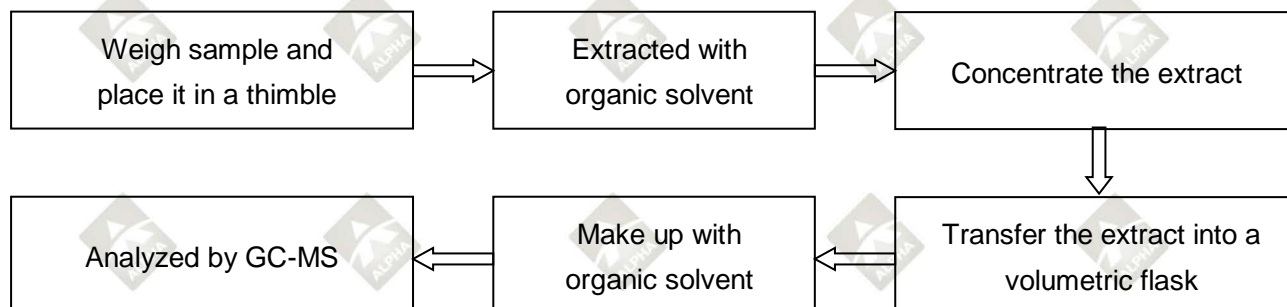
TEST REPORT

Report No.: A2005025-C01-R01

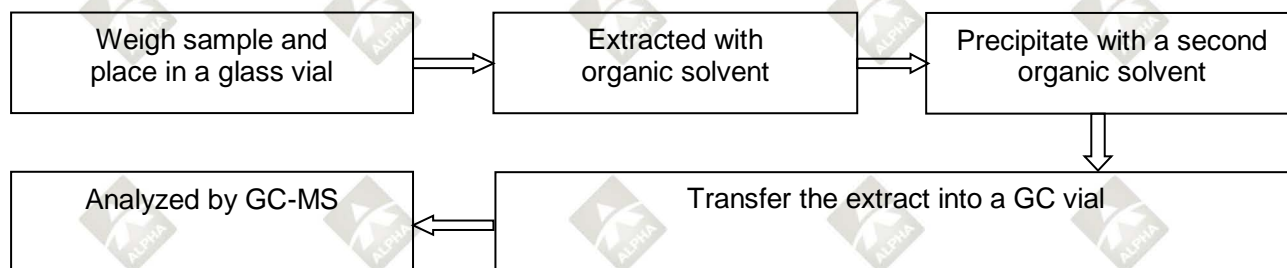
Date: May 26, 2020

Page 5 of 6

4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



5. Phthalates(DBP/BBP/DEHP/DIBP)



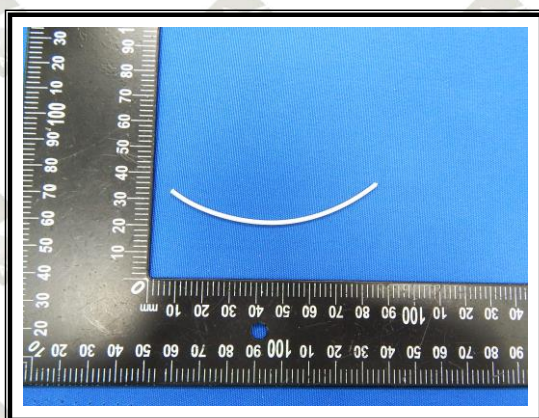
TEST REPORT

Report No.: A2005025-C01-R01

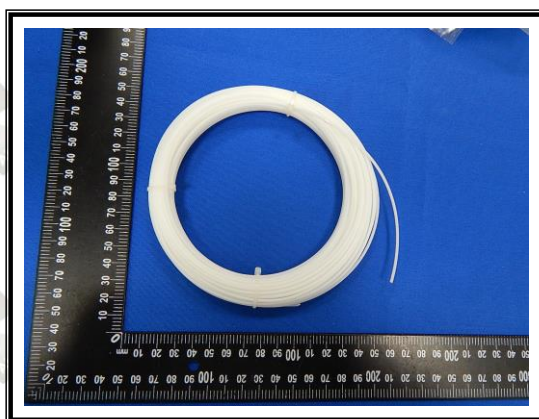
Date: May 26, 2020

Page 6 of 6

Tested sample photo(s)



Reference sample photo(s)



--- End of report ---

Statement:

1. The sample(s) and sample Information was/were provided by the client who should be responsible for the authenticity which ALPHA hasn't verified;
2. The result(s) shown in this report refer(s) only to the sample(s) tested;
3. Without written approval of ALPHA, this report can't be reproduced except in full.