

Test Report

Report No. ECL01J014786004

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Applicant BOOM INDUSTRY (SH) CO.,LTD

Address 3F NO.22 LANE1555, HUICHUANG INTERNATIONAL BUSINESS DISTRICT, WEST JINSHAJIANG ROAD,SHANGHAI. CHINA

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

Sample Name Titanium Dioxide
Part No. R-730
Item/Lot No. BM766-R730-0140
Sample Received Date Mar. 17, 2017
Testing Period Mar. 17, 2017 to Mar. 22, 2017

Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs) in the submitted sample(s).

Test Method

| Test Item(s) | Test Method | Measured Equipment(s) |
|---------------------------------------|-----------------------------|-----------------------|
| Lead (Pb) | IEC 62321-5:2013 Ed.1.0 | ICP-OES |
| Cadmium (Cd) | IEC 62321-5:2013 Ed.1.0 | ICP-OES |
| Mercury (Hg) | IEC 62321-4:2013 Ed.1.0 | ICP-OES |
| Hexavalent Chromium(Cr(VI)) | IEC 62321:2008 Ed.1 Annex C | UV-Vis |
| Polybrominated Biphenyls(PBBs) | IEC 62321-6:2015 | GC-MS |
| Polybrominated Diphenyl Ethers(PBDEs) | IEC 62321-6:2015 | GC-MS |

Test Result(s) Please refer to the following page(s).

Tested by

Wang Dong

Approved by

Su Hongwei

Su Hongwei

Senior Laboratory Manager

Centre Testing International Pinbiao(Shanghai) Co., Ltd.

Reviewed by

Summer Xu

Date

Mar. 22, 2017

No. R188382627

No.1996,Xinjinqiao Road, Pudong New District,Shanghai,China

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Test Result(s)

| Tested Item(s) | Result | MDL |
|------------------------------|--------|---------|
| Lead (Pb) | N.D. | 2 mg/kg |
| Cadmium (Cd) | N.D. | 2 mg/kg |
| Mercury (Hg) | N.D. | 2 mg/kg |
| Hexavalent Chromium (Cr(VI)) | N.D. | 2 mg/kg |

| Tested Item(s) | Result | MDL |
|---------------------------------------|--------|---------|
| Polybrominated Biphenyls(PBBs) | | |
| Monobromobiphenyl | N.D. | 5 mg/kg |
| Dibromobiphenyl | N.D. | 5 mg/kg |
| Tribromobiphenyl | N.D. | 5 mg/kg |
| Tetrabromobiphenyl | N.D. | 5 mg/kg |
| Pentabromobiphenyl | N.D. | 5 mg/kg |
| Hexabromobiphenyl | N.D. | 5 mg/kg |
| Heptabromobiphenyl | N.D. | 5 mg/kg |
| Octabromobiphenyl | N.D. | 5 mg/kg |
| Nonabromobiphenyl | N.D. | 5 mg/kg |
| Decabromobiphenyl | N.D. | 5 mg/kg |

| Tested Item(s) | Result | MDL |
|--|--------|---------|
| Polybrominated Diphenyl Ethers(PBDEs) | | |
| Monobromodiphenyl ether | N.D. | 5 mg/kg |
| Dibromodiphenyl ether | N.D. | 5 mg/kg |
| Tribromodiphenyl ether | N.D. | 5 mg/kg |
| Tetrabromodiphenyl ether | N.D. | 5 mg/kg |
| Pentabromodiphenyl ether | N.D. | 5 mg/kg |
| Hexabromodiphenyl ether | N.D. | 5 mg/kg |
| Heptabromodiphenyl ether | N.D. | 5 mg/kg |
| Octabromodiphenyl ether | N.D. | 5 mg/kg |
| Nonabromodiphenyl ether | N.D. | 5 mg/kg |
| Decabromodiphenyl ether | N.D. | 5 mg/kg |

Tested Sample/Part Description White powder

Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

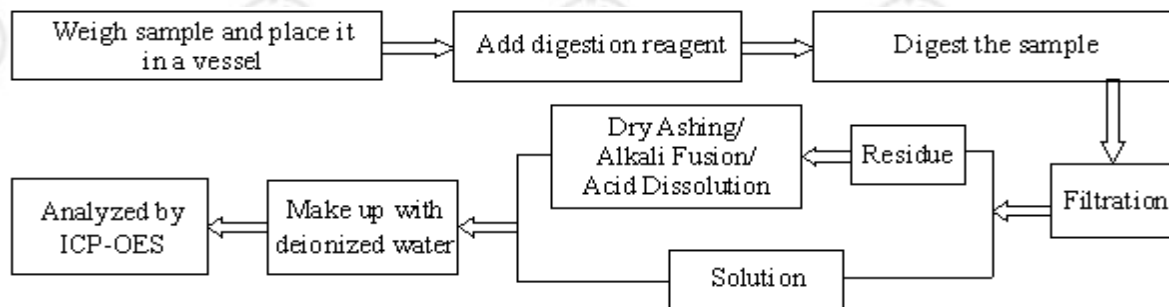
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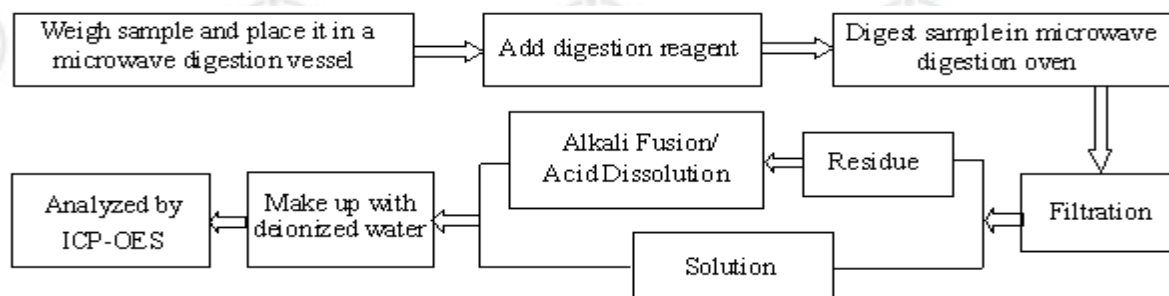
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Test Process

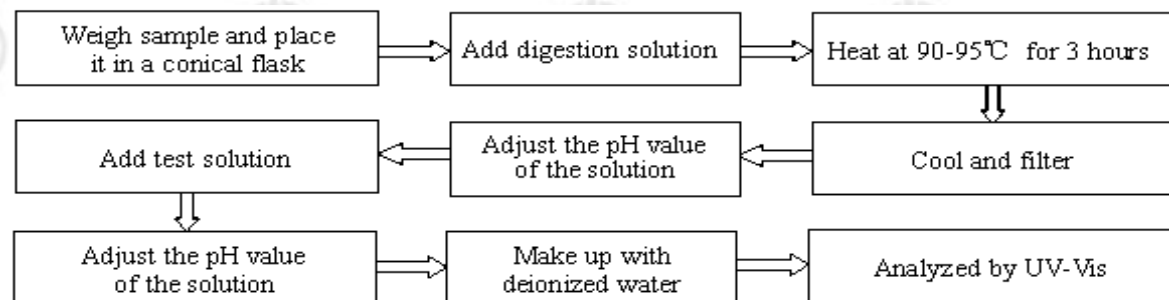
1. Lead (Pb), Cadmium (Cd)



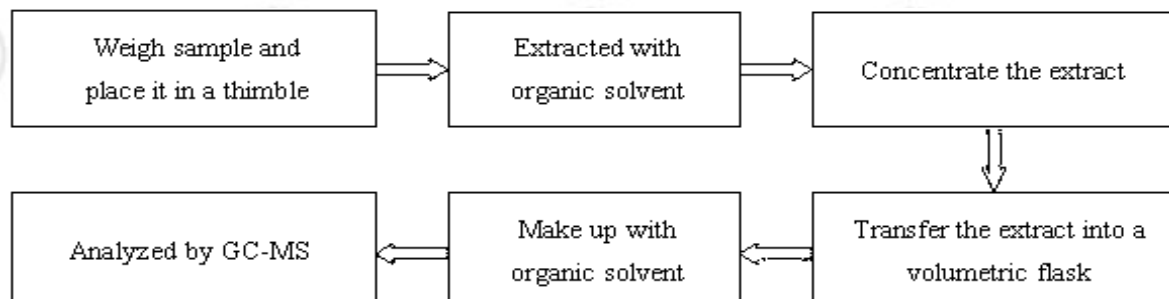
2. Mercury (Hg)



3. Hexavalent Chromium(Cr(VI))



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



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Photo(s) of the sample(s)



*** End of report ***

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