

Test Report

Report No. NCL02I009872002R1

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Applicant SEIKO ADVANCE(TIANJIN)LTD

Address NO.5 HUASHAN ROAD,HANGU MODERN INDUSTRIAL
PARK,TEDA,TIANJIN,CHINA.

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

Sample Name 1300

Client Reference Information Reference part No.: 120, 120c, nc200, 208, nc210, nc220, nc265,304,320,350,400,440,456,460,495, 498, nc500, nc510, 513, 538, nc550, 580,586,710,710m, 710永恒,710c, 765,800,852,YC0036,265C,200,320c, 哑光800, 浓旧200

Sample Received Date Dec. 8, 2016

Testing Period Dec. 8, 2016 to Dec. 13, 2016

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), Phthalates(DBP, BBP, DEHP, DIBP) in the submitted sample(s).

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

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

Tested by

Cain

Reviewed by

Morim

Approved by

Allen Wang

Date

Dec. 14, 2016

Allen Wang

Technical Manager

No. R216451775

Centre Testing International (Tianjin) Co., Ltd.

No.99, Xianfeng East Road, Dongli District, Tianjin, China

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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 |
| Phthalates(DBP, BBP, DEHP, DIBP) | Refer to IEC 62321-8 CDV | GC-MS |

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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 |

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| Tested Item(s) | Result | MDL |
|--|--------|----------|
| Phthalates | | |
| Dibutyl phthalate(DBP) CAS#:84-74-2 | N.D. | 50 mg/kg |
| Butylbenzyl phthalate(BBP) CAS#:85-68-7 | N.D. | 50 mg/kg |
| Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7 | N.D. | 50 mg/kg |
| Diisobutyl phthalate(DIBP) CAS#:84-69-5 | N.D. | 50 mg/kg |

Tested Sample/Part Description Grey viscous liquid

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

Note: This testing report displaces the original report of No. NCL02I009872002, and the original one No. NCL02I009872002 was invalid since the date of this testing report released.

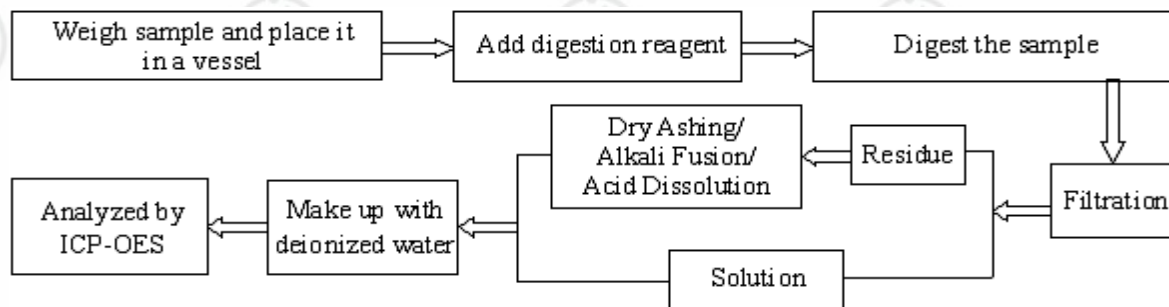
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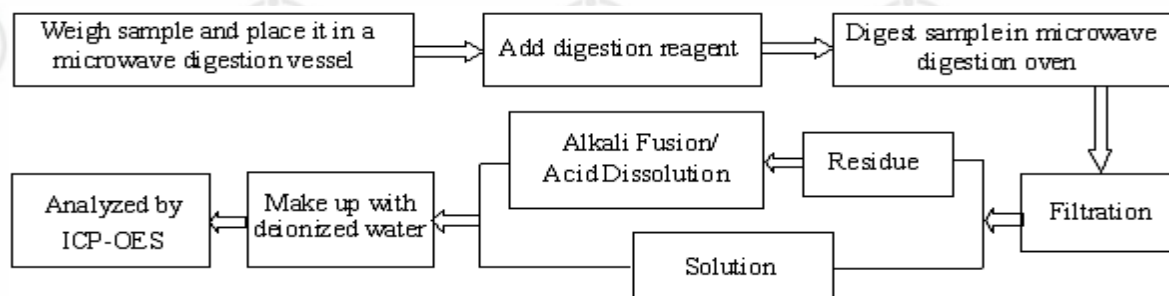
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Test Process

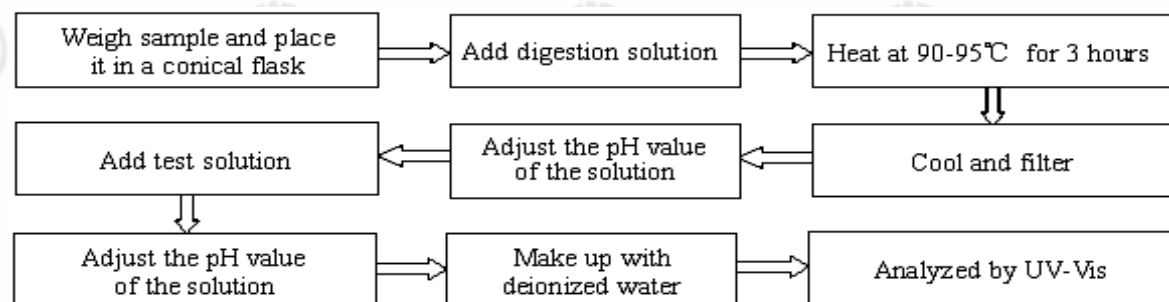
1. Lead (Pb), Cadmium (Cd)



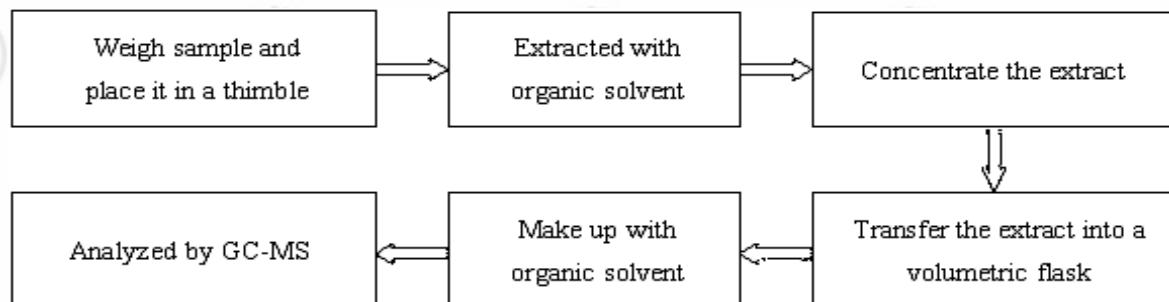
2. Mercury (Hg)



3. Hexavalent Chromium(Cr(VI))



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

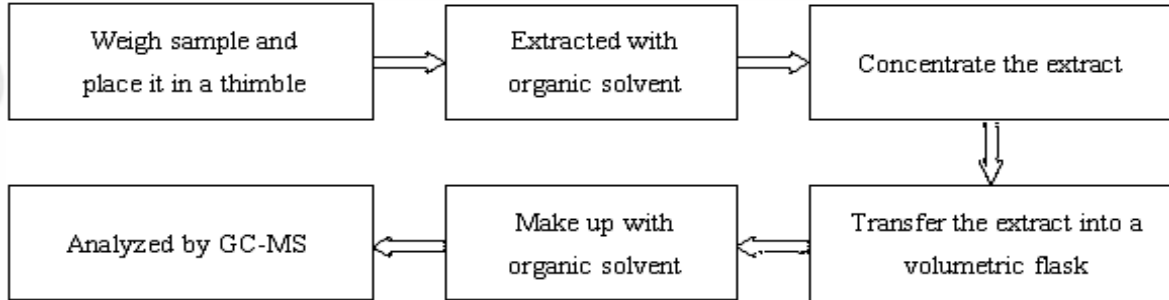


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5. Phthalates(DBP, BBP, DEHP, DIBP)

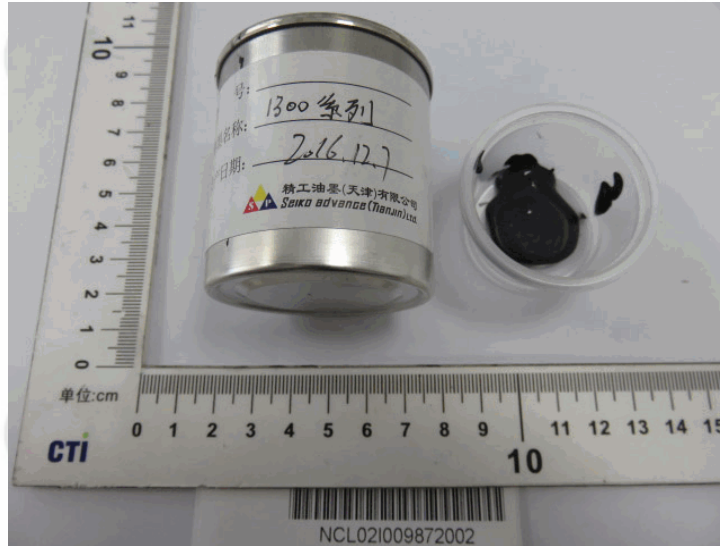


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Photo(s) of the sample(s)



*** End of report ***

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