

RoHS TEST REPORT

Report No. : B-R2408C3445

Date: 2024-08-28

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Applicant : CHONGHONG INDUSTRIES LTD.

Address : 2006 HUACHUANG INTL. COMMERCE BLD. HONGHUANG ROAD, 10 JIANGBEI DISTRICT, CHONGQING, CHINA

Client ID : CC9182

Manufacturer : Same As Holder



Report Query



Report on the submitted sample said to be

Sample Name : STEEL WIRE ROPE

Model No. : Breaking Strength, Diameter

Sample model : Breaking Strength

Sample Received Date : 2024-08-22

Complete Date : 2024-08-28

Test Requested : As specified by client, to determine the Cadmium, Lead, Mercury, Hexavalent Chromium, PBBs / PBDEs, Bis-(2-ethylhexyl) Phthalate (DEHP), Diisobutyl phthalate(DIBP), Dibutyl Phthalate (DBP) & Benzylbutyl Phthalate (BBP) content in the submitted sample.

Test Result(s) : Conform to RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Written by: _____

Shen Xiao

Inspected by: _____

Austin Zhong

Martin Wang

(Shen xiao)

(Austin Zhong)

(Martin Wang)



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Test Method: With reference to IEC 62321-3-1:2013, IEC 62321-4:2013+A1:2017, IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-8:2017, EN IEC 63000:2018

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
- (5) Determination of PBBs / PBDEs content by GC-MS.
- (6) Determination of phthalates by GC-MS.

Test Result(s):

| Test item | Unit | Limit | Result |
|------------------------------------|-------|-------|-----------------|
| | | | Steel wire rope |
| Cadmium (Cd). | mg/kg | 100 | N.D. |
| Lead (Pb). | mg/kg | 1000 | N.D. |
| Mercury (Hg). | mg/kg | 1000 | N.D. |
| Hexavalent Chromium (Cr VI). | mg/kg | 1000 | N.D. |
| Polybrominated Biphenyls (PBBs) | mg/kg | 1000 | N.D. |
| Monobromobiphenyl | mg/kg | / | N.D. |
| Dibromobiphenyl | mg/kg | / | N.D. |
| Tribromobiphenyl | mg/kg | / | N.D. |
| Tetrabromobiphenyl | mg/kg | / | N.D. |
| Pentabromobiphenyl | mg/kg | / | N.D. |
| Hexabromobiphenyl | mg/kg | / | N.D. |
| Heptabromobiphenyl | mg/kg | / | N.D. |
| Octabromobiphenyl | mg/kg | / | N.D. |

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| Test item | Unit | Limit | Result |
|--|-------|-------|-----------------|
| | | | Steel wire rope |
| Nonabromobiphenyl | mg/kg | / | N.D. |
| Decabromobiphenyl | mg/kg | / | N.D. |
| Polybrominated Diphenyl Ethers (PBDEs) | mg/kg | 1000 | N.D. |
| Monobromodiphenyl Ether | mg/kg | / | N.D. |
| Dibromodiphenyl Ether | mg/kg | / | N.D. |
| Tribromodiphenyl Ether | mg/kg | / | N.D. |
| Tetrabromodiphenyl Ether | mg/kg | / | N.D. |
| Pentabromodiphenyl Ether | mg/kg | / | N.D. |
| Hexabromodiphenyl Ether | mg/kg | / | N.D. |
| Heptabromodiphenyl Ether | mg/kg | / | N.D. |
| Octabromodiphenyl Ether | mg/kg | / | N.D. |
| Nonabromodiphenyl Ether | mg/kg | / | N.D. |
| Decabromodiphenyl Ether | mg/kg | / | N.D. |
| Diisobutyl phthalate(DIBP) | mg/kg | 1000 | N/A |
| Dibutyl Phthalate (DBP) | mg/kg | 1000 | N/A |
| Benzylbutyl Phthalate (BBP) | mg/kg | 1000 | N/A |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | mg/kg | 1000 | N/A |

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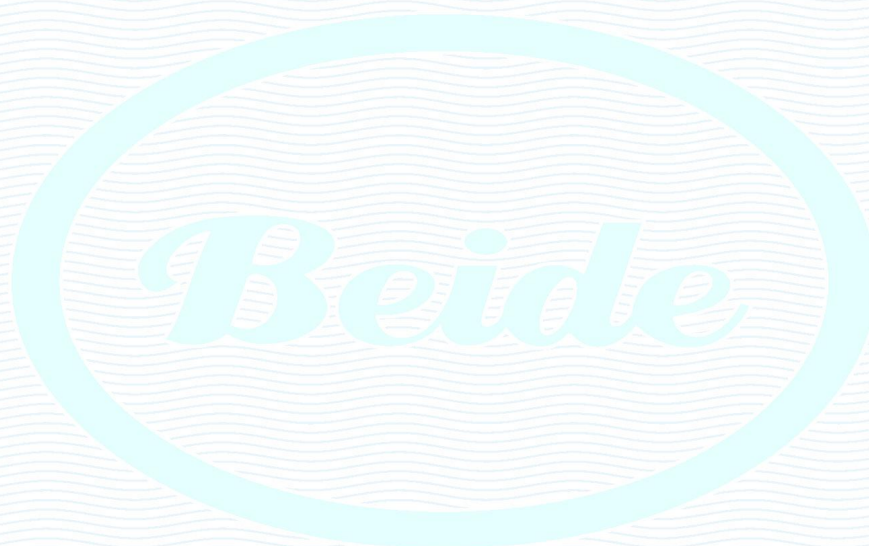
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Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (<MDL)
3. N/A = Not Applicable
4. MDL = Method detection limit



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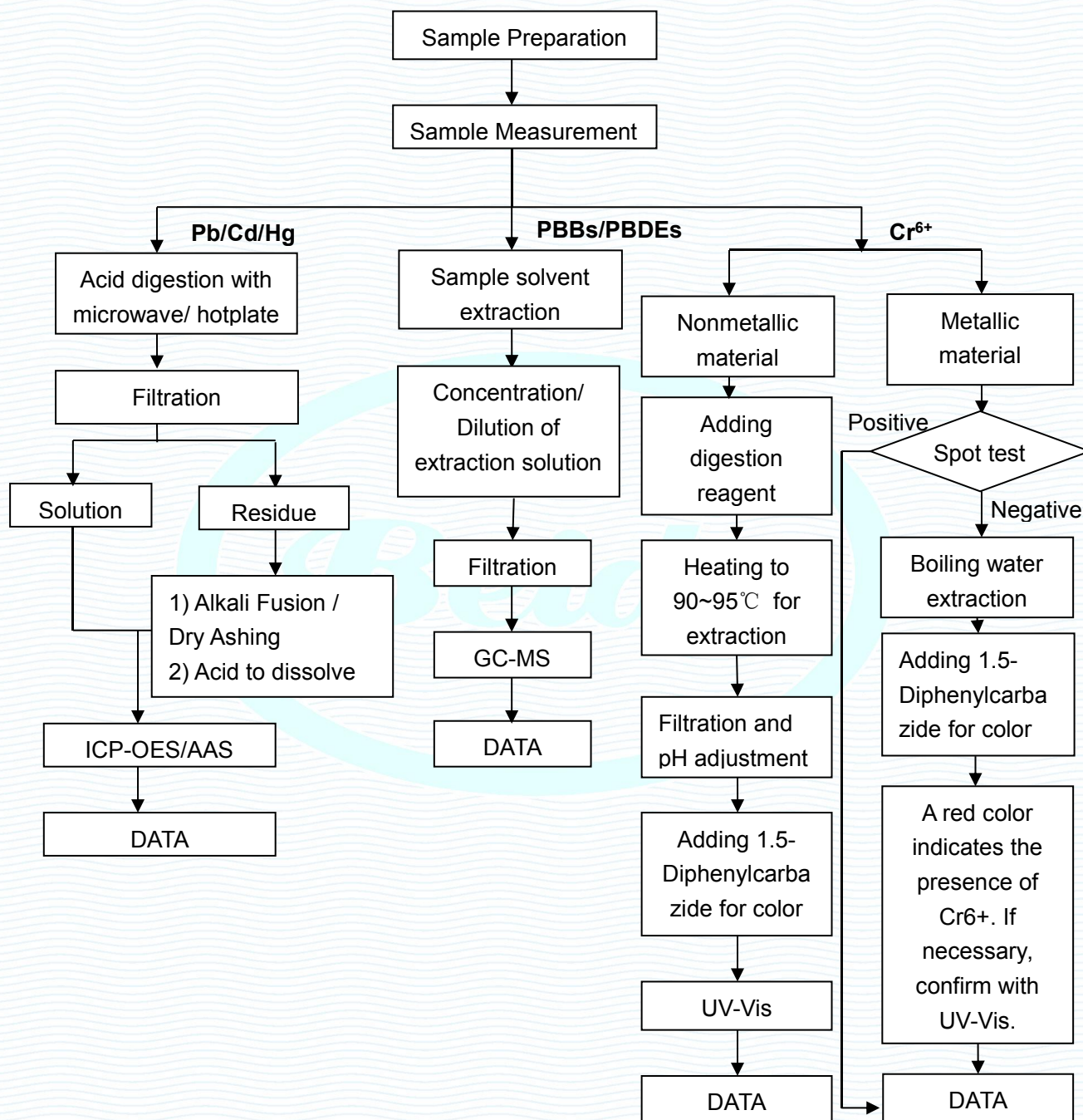
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RoHS Testing Flow Chart



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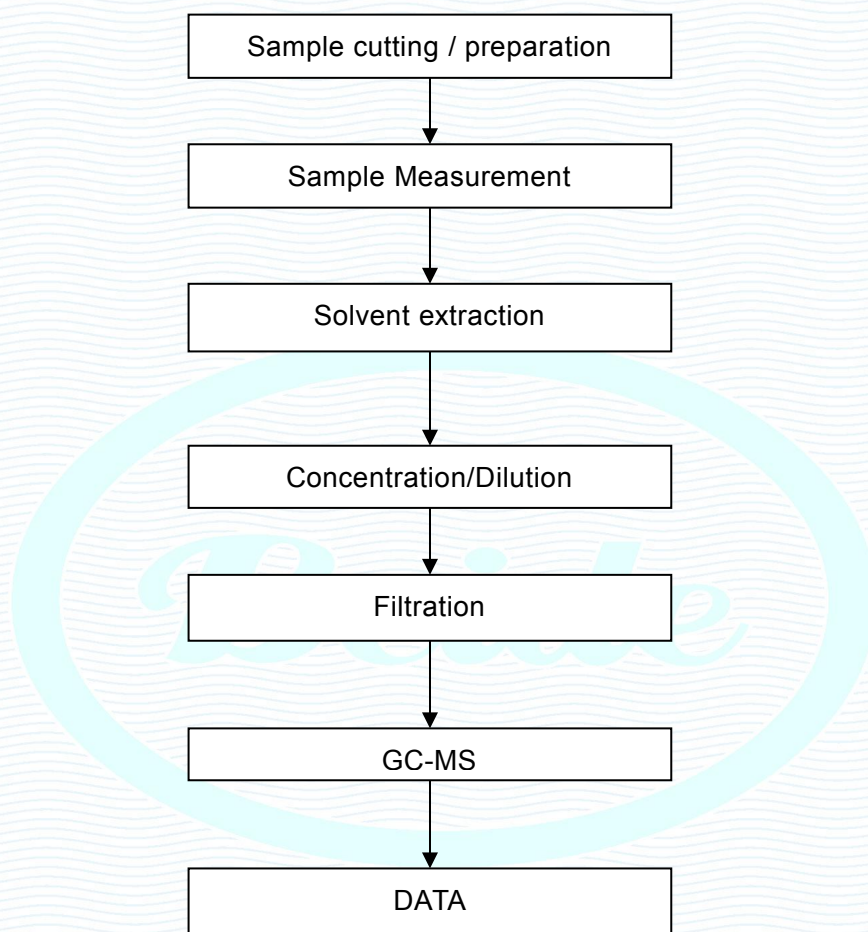
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Phthalates Testing Flow Chart



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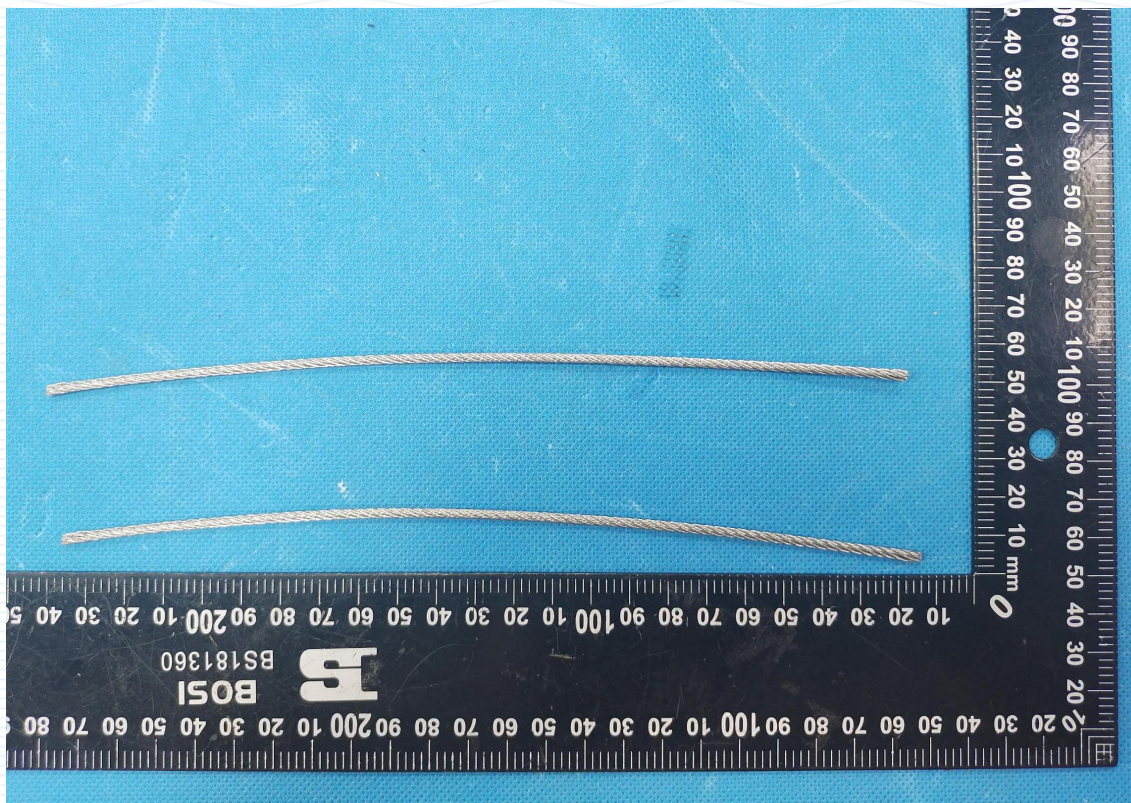
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Photographs of Samples



End of Report

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