



扫描二维码  
关注谱尼测试

**Test Report**

NO.: MRCYSU6G3209177D1

Issued Date: 2023-04-27

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Applicant: Dongguan Courage Magnetolectric Technology Co., LIMITED.  
Address: No.710, Unit 1, Building 2, Tianan Cyber Park, No.1 Gold Road, Nancheng Street,  
Dongguan City, Guangdong Province.

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

Sample Name: NdFeB  
Sample Description: silvery magnet

Sample Received Date: 2023-04-21  
Testing Period: 2023-04-21 ~ 2023-04-27

Reference Requested: RoHS Directive 2011/65/EU & (EU)2015/863 Annex II

Reference Method: (1) IEC 62321-5 Edition 1.0:2013 method, Lead Analysis is performed by AAS  
(2) IEC 62321-5 Edition 1.0:2013 method, Cadmium Analysis is performed by AAS  
(3) IEC 62321-4:2013+AMD1:2017 CSV method, Mercury Analysis is performed by ICP-OES  
(4) IEC62321-7-1 Edition1.0:2015 method, Hexavalent Chromium Analysis is performed by UV-Vis  
(5) IEC 62321-6 Edition 1.0:2015 method, PBBs and PBDEs Analysis is performed by GC-MS  
(6) IEC 62321-8 Edition 1.0:2017 method, Phthalates Analysis is performed by GC-MS

Test Result: Please refer to next page(s)

Approved by: *Manzu aing*



微信扫一扫，使用小程序



小程序扫一扫，在线验证

Code: 6q2urpv



Hotline: 400-819-5688

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PONY-BGLS186-03C-002-2021A

Pony Testing Group Shenzhen Co., Ltd.

Address: 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park, Yonghe Road,  
Qiaotou Community, Baoan District, Shenzhen, Guangdong, China

Testing Address: 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park, Yonghe Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, China  
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Test Result (Unit: mg/kg)

Test Item	MDL	Test Result	RoHS Limit
Lead (Pb)	1	N.D.	1000
Cadmium (Cd)	1	N.D.	100
Mercury (Hg)	1	N.D.	1000
Hexavalent Chromium (Cr <sup>6+</sup> )	See Note (6)	Negative	—
Sum of PBBs	—	N.D.	1000
Bromobiphenyl	5	N.D.	—
Dibromobiphenyl	5	N.D.	—
Tribromobiphenyl	5	N.D.	—
Tetrabromobiphenyl	5	N.D.	—
Pentabromobiphenyl	5	N.D.	—
Hexabromobiphenyl	5	N.D.	—
Heptabromobiphenyl	5	N.D.	—
Octabromobiphenyl	5	N.D.	—
Nonabromobiphenyl	5	N.D.	—
Decabromobiphenyl	5	N.D.	—
Sum of PBDEs	—	N.D.	1000
Bromodiphenyl ether	5	N.D.	—
Dibromodiphenyl ether	5	N.D.	—
Tribromodiphenyl ether	5	N.D.	—
Tetrabromodiphenyl ether	5	N.D.	—
Pentabromodiphenyl ether	5	N.D.	—
Hexabromodiphenyl ether	5	N.D.	—
Heptabromodiphenyl ether	5	N.D.	—
Octabromodiphenyl ether	5	N.D.	—
Nonabromodiphenyl ether	5	N.D.	—
Decabromodiphenyl ether	5	N.D.	—



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Test Results (Unit: mg/kg)

Test Item	MDL	Test Result	RoHS Limit
DEHP	50	N.D.	1000
DBP	50	N.D.	1000
BBP	50	N.D.	1000
DIBP	50	N.D.	1000

- Note:
- (1) mg/kg = ppm
  - (2) “—” = Does not stipulate
  - (3) N.D. = Not Detected (<MDL)
  - (4) MDL = Method Detection Limit
  - (5) The most allowable limit value reference to RoHS Directive 2011/65/EU & (EU)2015/863 Annex II
  - (6) Boiling water extraction test:
    - <0.10  $\mu\text{g}/\text{cm}^2$  expressed as “negative” results, indicates without hexavalent chromium in the plating
    - 0.10  $\mu\text{g}/\text{cm}^2$ ~0.13  $\mu\text{g}/\text{cm}^2$  expressed as “not confirmative”, indicates that it can not be confirmative for the presence of hexavalent chromium in the plating, further test is needed.
    - >0.13  $\mu\text{g}/\text{cm}^2$  expressed as “positive”, indicates that hexavalent chromium is detected in the plating.

Sample No. & Photo:



Pony authenticate the photo on original report only



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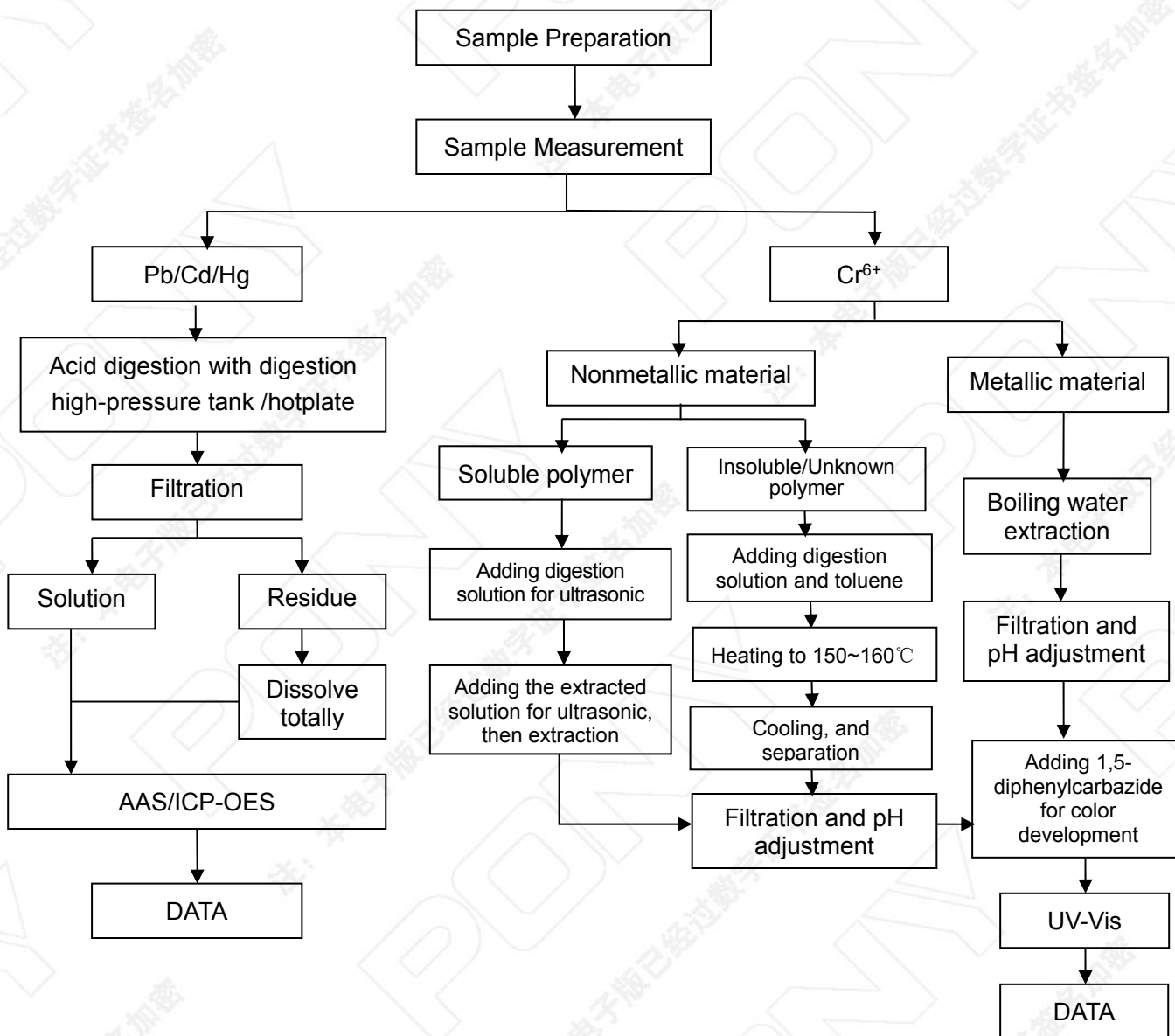
Fax: 0755-26068336





Measurement Flow-chart

Tested by: Xiong Chenghong    Checked by: Peng Pingping    Person in charge of the lab by: Mao Zuqing  
 These Samples Were Dissolved Totally By Pre-conditioning Method According To Below Flow Chart.  
 (Cr<sup>6+</sup> Test Method Excluded)





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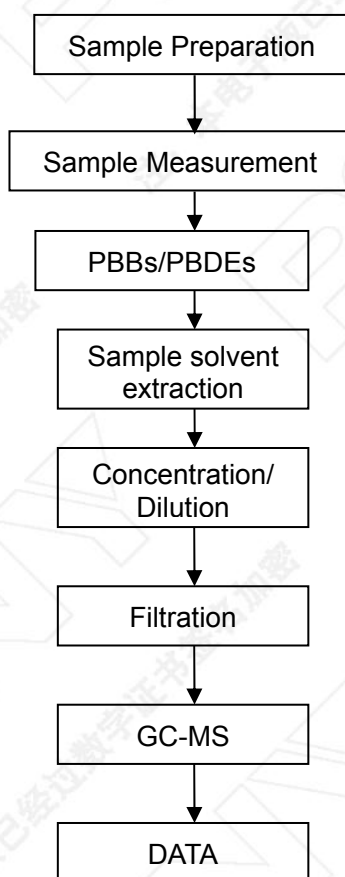
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Measurement Flow-chart

Tested by: Jiang Yuejiao

Checked by: Peng Pingping

Person in charge of the lab by: Mao Zuqing



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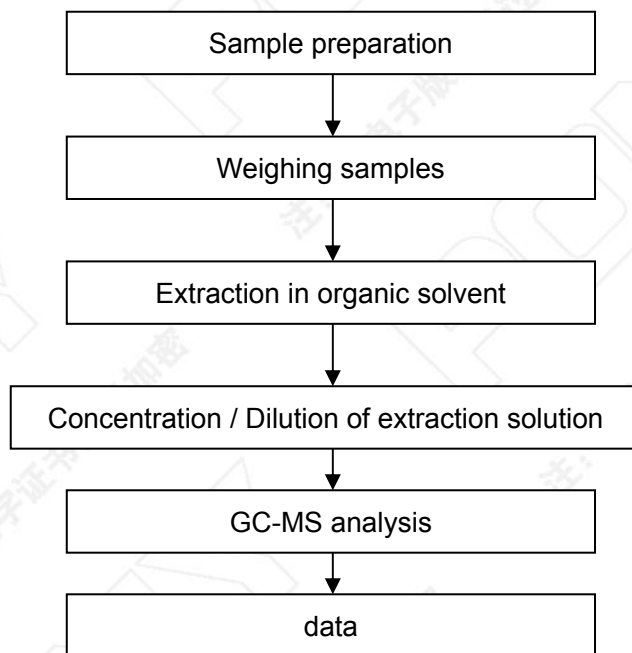
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Phthalates Measurement Flow-chart

Tested by: Jiang Yuejiao

Checked by: Peng Pingping

Person in charge of the lab by: Mao Zuqing



\*\*\*End of Report\*\*\*



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