

Test Report

Report No. : TCT170808C011

Date : Aug.08, 2017

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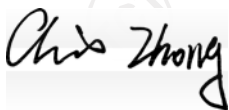
Applicant: Shenzhen Gdstime Technology CO.,Ltd.
Address: Lemin Road 49#, Buji Street, Longgang District, Shenzhen,
Guangdong, China

The following sample was submitted and identified by/on behalf of the client as:


Sample Name: Computer cooling fan
Model No.: GDT4010S12B
Sample Received Date: 2017.08.02
Testing Period: 2017.08.03—2017.08.08
Test Requested: As specified by client, to determine the Pb, Cd, Hg, Cr(VI), PBBs, PBDEs, content(s) in the submitted sample.
Test Method: Please refer to the following page(s).
Test Result(s): Please refer to the following page(s).
Conclusion: Base upon the performed tests by submitted sample, the test results comply with the limits as set by Directive (EU) 2015/863 - Amendment of EU RoHS Directive 2011/65/EU (RoHS 2.0) Annex II.

Checked by

Signed for and on behalf of TCT



Chris Zhong



Kim Zhang
Technical Manager



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Test Results:

Pb, Cd, Hg, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP Content(s)

Tested Item(s)	Test Method/Instrument	MDL	Unit	Limit	Result
					1
Lead(Pb)	IEC62321-5:2013/ICP-OES	2	mg/kg	1000	N.D.
Cadmium(Cd)	IEC62321-5:2013/ICP-OES	2	mg/kg	100	N.D.
Mercury(Hg)	IEC62321-4:2013/ICP-OES	2	mg/kg	1000	N.D.
Hexavalent Chromium(Cr(VI))	IEC62321:2008/UV-VIS	2	mg/kg	1000	N.D.
Sum of PBBs	-	-	mg/kg	1000	N.D.
Monobromobiphenyl	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Dibromobiphenyl	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Tribromobiphenyl	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Tetrabromobiphenyl	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Pentabromobiphenyl	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Hexabromobiphenyl	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Heptabromobiphenyl	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Octabromobiphenyl	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Nonabromobiphenyl	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Decabromobiphenyl	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Sum of PBDEs	-	-	mg/kg	1000	N.D.
Monobromodiphenyl ether	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Dibromodiphenyl ether	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Tribromodiphenyl ether	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Tetrabromodiphenyl ether	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Pentabromodiphenyl ether	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Hexabromodiphenyl ether	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Heptabromodiphenyl ether	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Octabromodiphenyl ether	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Nonabromodiphenyl ether	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.
Decabromodiphenyl ether	IEC62321-6:2015/GC-MS	5	mg/kg	-	N.D.

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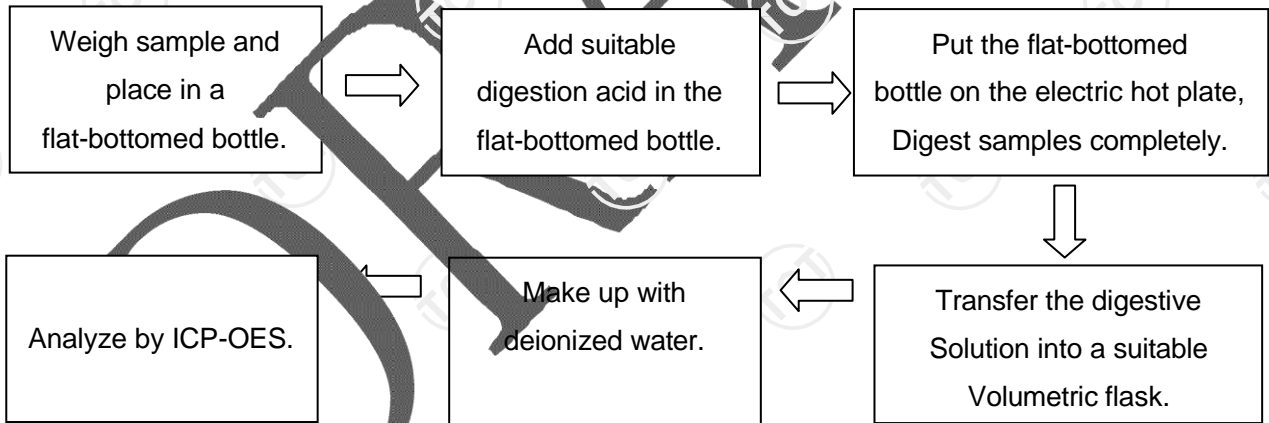
Specimen Description:

1. Black plastic
2. White plastic

- Note:
- MDL = Method Detection Limit
 - N.D. =Not Detected(<MDL)
 - 1mg/kg = 1ppm =0.0001%
 - ”-“=Not Regulated
 - Sample for Pb, Cd and Hg testing was completely dissolved.

FLOW CHART

1. Test for Pb, Hg, Cd Content



Sample Material	Digestion Acid
Glass	HNO3/HF
Plastic	H2SO4, H2O2, HNO3, HCl
Others	Any acid to total digestion.

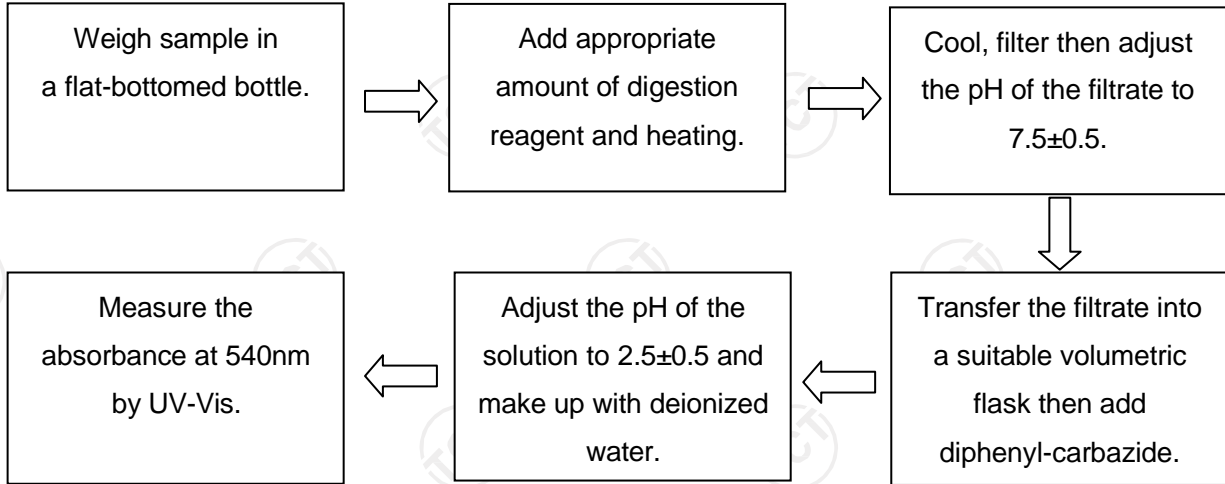
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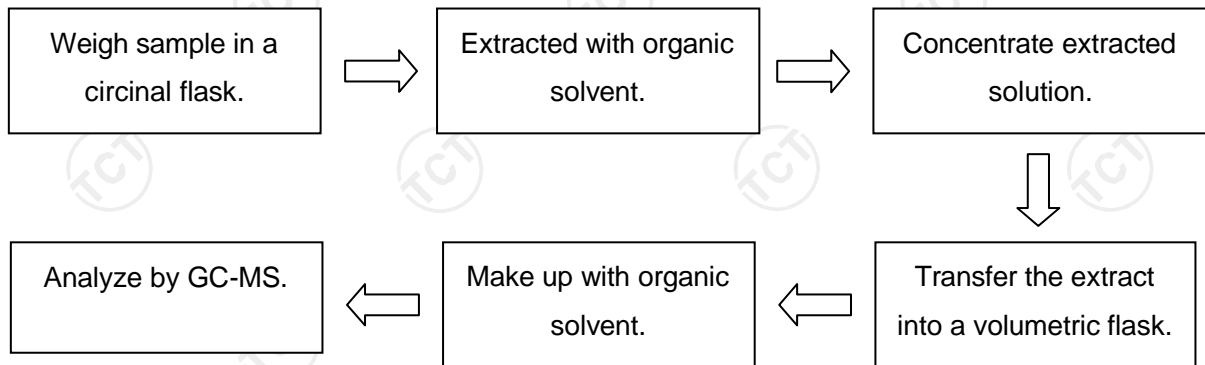
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2. Test for Chromium(VI) Content(Others)



3. Test for PBBs & PBDEs, DBP, BBP, DEHP, DIBP Content



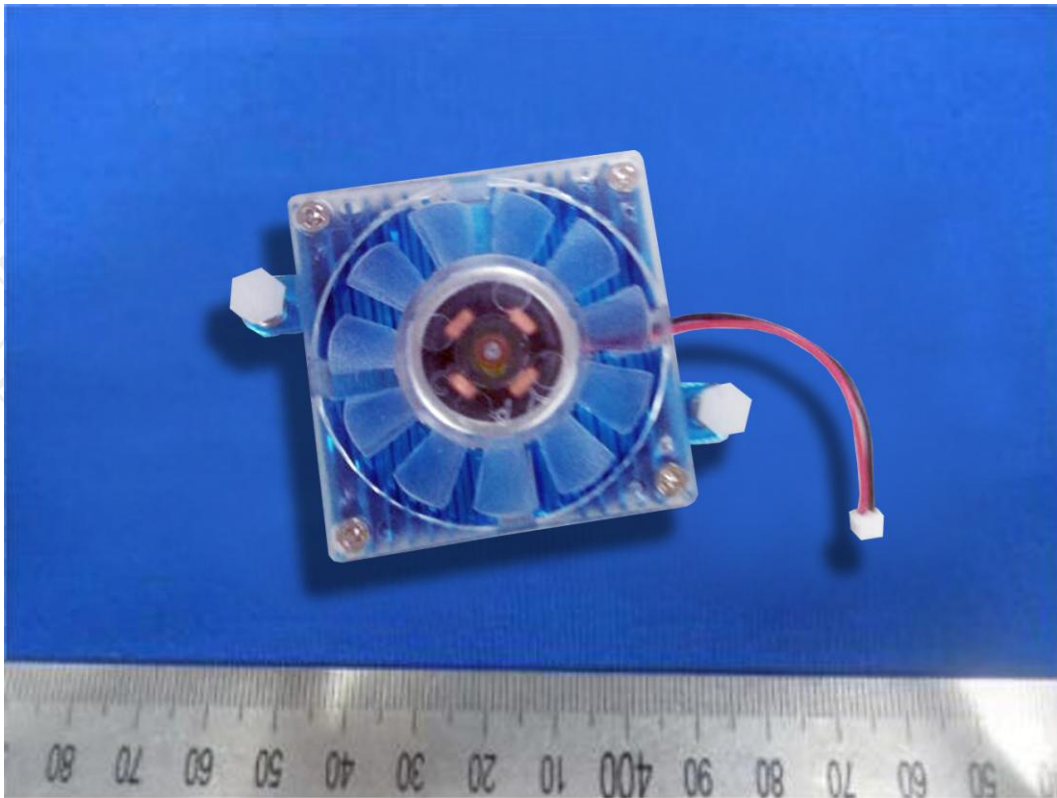
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Photo(s) of the sample(s)



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

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