



中国认可  
国际互认  
检测  
TESTING  
CNAS L15506

GRGTEST

# TEST REPORT

CheckCode:513669  
Report No.:C202503075510-12E

**Company Name:** Shanghai Yint Electronics Co.,Ltd

**Address:** 4th floor, building 9, Qidi Science Park, No. 199, Guangfulin East Road, Songjiang District, Shanghai

**The following sample information is provided by the client and responsible for its authenticity**

Sample Name: Polymeric Positive Temperature Coefficient

Sample State: Normal

Date of Receipt: Mar.10, 2025      Test Period: Mar.10, 2025 – Mar.14, 2025

**Test Request:** As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium [Cr(VI)], Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) content in the submitted sample(s).

**Judge Standard:** RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

**Test Result:** Please refer to following page(s).

**Conclusion:** Based on the performed test on submitted sample, the result(s) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Edited by Liu Jia Dian

Reviewed by Wu Yanyan

Approved by Wang Sheng



扫一扫 验真伪

Issue date:Mar.14,2025

The result(s) shown in this report refer(s) only to the sample(s) tested. This report is considered invalid without approved signature, special seal for inspection and testing and the seal on the perforation. This report cannot be reproduced except in full, without prior written approval of the company. Any disagreements of the test report should be fed back to us within 15 workdays upon receiving the report. Scan the QR code on the first page of the test report, or log on to the official website <http://www.grtmail.com>, enter the report number and check code to check the authenticity of the report. If you have any questions, please contact the email [grrtest@grttest.com](mailto:grrtest@grttest.com). GRGT assumes no responsibility for information leakage caused by improper management of the QR code and the check code by customers.

**GRG METROLOGY & TEST (WUXI) CO., LTD.**

Address: No.8, Ningyun Road, Xinwu District, Wuxi, Jiangsu, China  
Tel: 4006020999    Fax: +86-0510-68002628    Website: <http://www.grttest.com>

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## Sample description:

Sample No.	Description
1	Black body with white lettering

## Test method:

Test Item(s)	Test Method	Measuring Instrument	Limit
Lead (Pb)	IEC 62321-5:2013	ICP-OES	1000mg/kg
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	100mg/kg
Mercury (Hg)	IEC 62321-4:2013 +AMD1:2017	ICP-OES	1000mg/kg
Hexavalent Chromium [ Cr ( VI ) ]	IEC 62321-7-2:2017	UV-Vis	1000mg/kg
Polybrominated biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	1000mg/kg
Polybrominated diphenyl ethers (PBDEs)	IEC 62321-6:2015	GC-MS	1000mg/kg
Bis(2-ethylhexyl) phthalate (DEHP)	IEC 62321-8:2017	GC-MS	1000mg/kg
Butyl benzyl phthalate (BBP)	IEC 62321-8:2017	GC-MS	1000mg/kg
Dibutyl phthalate (DBP)	IEC 62321-8:2017	GC-MS	1000mg/kg
Diisobutyl phthalate (DIBP)	IEC 62321-8:2017	GC-MS	1000mg/kg

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## Test result(s):

Test Item	Sample	Unit	MDL
	1		
Lead (Pb)	N.D.	mg/kg	2
Cadmium (Cd)	N.D.	mg/kg	2
Mercury (Hg)	N.D.	mg/kg	2
Hexavalent Chromium [Cr(VI)]	N.D.	mg/kg	8

Test Item	Sample	Unit	MDL
	1		
Sum of PBBs	N.D.	mg/kg	---
Monobromobiphenyl	N.D.	mg/kg	50
Dibromobiphenyl	N.D.	mg/kg	50
Tribromobiphenyl	N.D.	mg/kg	50
Tetrabromobiphenyl	N.D.	mg/kg	50
Pentabromobiphenyl	N.D.	mg/kg	50
Hexabromobiphenyl	N.D.	mg/kg	50
Heptabromobiphenyl	N.D.	mg/kg	50
Octabromobiphenyl	N.D.	mg/kg	50
Nonabromobiphenyl	N.D.	mg/kg	50
Decabromobiphenyl	N.D.	mg/kg	50
Sum of PBDEs	N.D.	mg/kg	---
Monobromodiphenyl ether	N.D.	mg/kg	50
Dibromodiphenyl ether	N.D.	mg/kg	50
Tribromodiphenyl ether	N.D.	mg/kg	50
Tetrabromodiphenyl ether	N.D.	mg/kg	50
Pentabromodiphenyl ether	N.D.	mg/kg	50
Hexabromodiphenyl ether	N.D.	mg/kg	50

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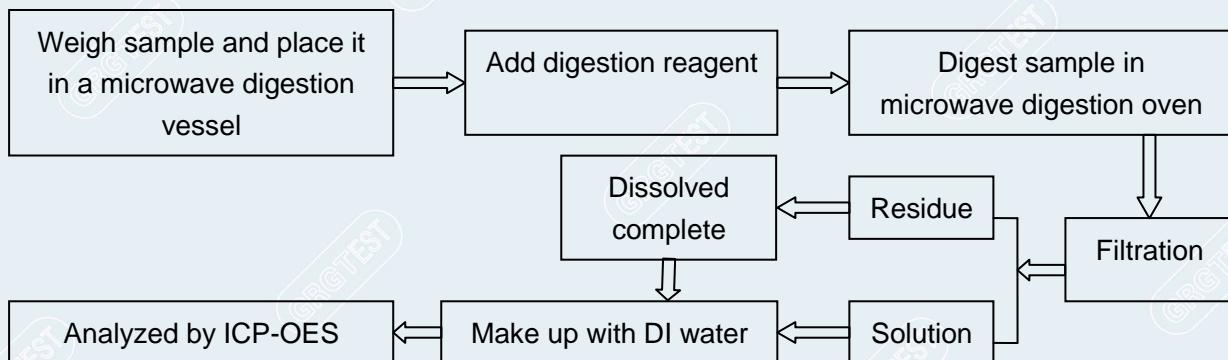
Test Item	Sample	Unit	MDL
	1		
Heptabromodiphenyl ether	N.D.	mg/kg	50
Octabromodiphenyl ether	N.D.	mg/kg	50
Nonabromodiphenyl ether	N.D.	mg/kg	50
Decabromodiphenyl ether	N.D.	mg/kg	50

Test Item	Sample	Unit	MDL
	1		
Bis(2-ethylhexyl) phthalate (DEHP)	N.D.	mg/kg	50
Butyl benzyl phthalate (BBP)	N.D.	mg/kg	50
Dibutyl phthalate (DBP)	N.D.	mg/kg	50
Diisobutyl phthalate (DIBP)	N.D.	mg/kg	50

Remark:

- 1) mg/kg = ppm
- 2) MDL = Method Detection Limit
- 3) "N.D." = Not Detected (Below Method Detection Limit)
- 4) The result(s) shown is/are based on the sample marked in the photo.

## Test Process for Pb / Cd / Hg



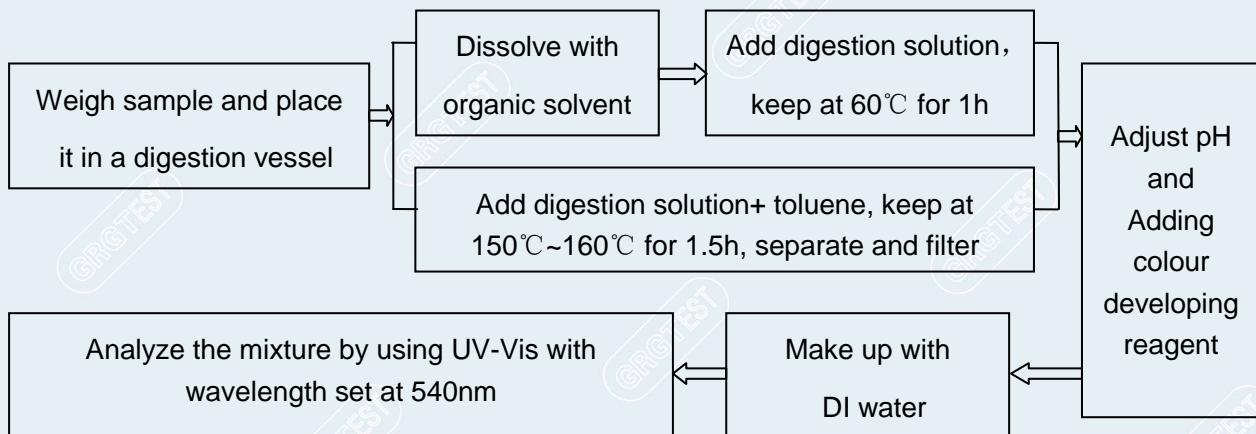
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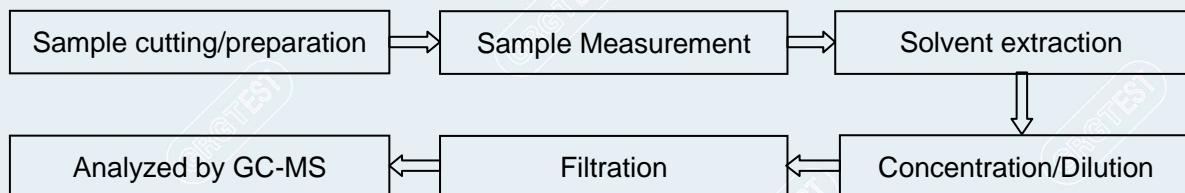
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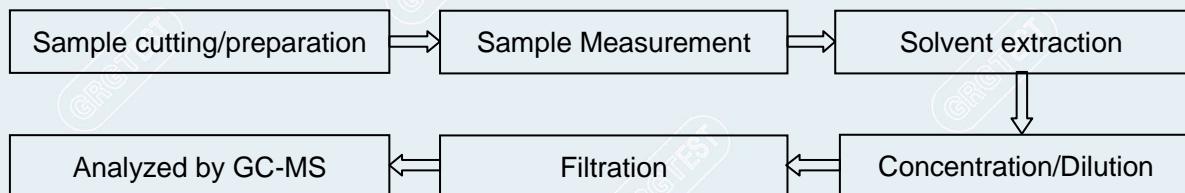
## Test Process for Cr (VI)



## Test Process for PBBs & PBDEs



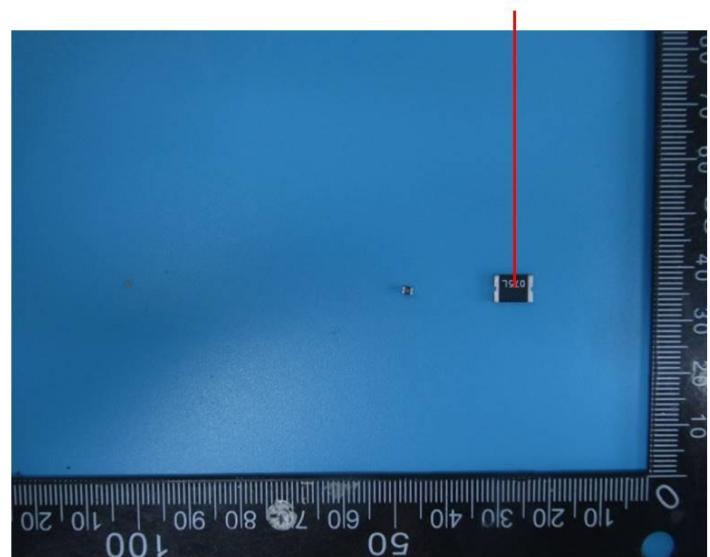
## Test Process for Phthalates



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**Photo of Sample**



-----End of Report-----

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