

InnoMaster Home(ZhongShan)Co.,Ltd

TEST REPORT

SCOPE OF WORK

LCB Wall panel

REPORT NUMBER

241125054GZU-002

TEST DATE(S)

2024-11-26 ~ 2024-12-02

ISSUE DATE

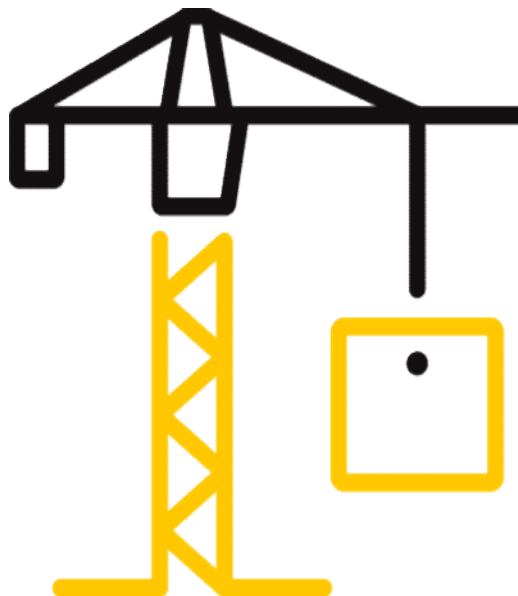
2024-12-03

[REVISED DATE]

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Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

DOCUMENT CONTROL NUMBER

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Effective date:2024-2-22

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Test Report

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Test Report

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Client Information:

Applicant Name:	InnoMaster Home(ZhongShan)Co.,Ltd
Address:	The 5th of No.2 SHA GANG DONG ROAD ,GANGKOU TOWN ,ZHONGSHAN CITY ,GUANGDONG PROVINCE, CHINA
Attn:	/

Product Information:

Product Name	LCB Wall panel	Sample Description	Good Condition
Model and/or type reference	/	Received Date	2024/11/18
Sample ID.	S241125054GZU.002	Sample Amount	1 pc
Specification	2430*1210*8(mm)	Brand	INNOMASTER
Manufacturer	InnoMaster Home(ZhongShan)Co.,Ltd		
Address	The 5th of No.2 SHA GANG DONG ROAD ,GANGKOU TOWN ,ZHONGSHAN CITY ,GUANGDONG PROVINCE, CHINA		
Test Type	Performance test, samples provided by the applicant		

Test Methods And Standards:

Test Standard	Please refer to the following pages.
Specification Standard	Please refer to the following pages.
Test Conclusion	Please refer to the following pages.

Laboratory information:

Testing Laboratory	Intertek testing services Shenzhen Ltd. Guangzhou Branch
Test location	Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

Report Authorized :

Approved By:

Andy Guo

Andy Guo

Senior Project Engineer

Checked By:

John He

John He

Engineer

Noted: If you have any questions for the report, please contact: lillian.lf.he@intertek.com



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Conclusion:

Test component	Regulation Requirement	Conclusion
Tested component(s) of submitted samples	Restriction of the use of certain hazardous substance in electrical and electronic equipment (RoHS Directive 2011/65/EU and (EU)2015/863)	Pass

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Test Items, Method and Results:

RoHS Chemical Test

(A) Test Result Summary:

Test Item	Result
	(1)
Cadmium (Cd) Content (mg/kg)	ND
Lead (Pb) Content (mg/kg)	61
Mercury (Hg) Content (mg/kg)	ND
Chromium (VI)(Cr ⁶⁺) Content (mg/kg)	ND
Polybrominated Biphenyls Content (PBBs) (mg/kg)	
Monobromobiphenyl (MonoBB)	ND
Dibromobiphenyl (DiBB)	ND
Tribromobiphenyl (TriBB)	ND
Tetrabromobiphenyl (TetraBB)	ND
Pentabromobiphenyl (PentaBB)	ND
Hexabromobiphenyl (HexaBB)	ND
Heptabromobiphenyl (HeptaBB)	ND
Octabromobiphenyl (OctaBB)	ND
Nonabromobiphenyl (NonaBB)	ND
Decabromobiphenyl (DecaBB)	ND
Polybrominated Diphenyl Ethers Content (PBDEs)(mg/kg)	
Monobromodiphenyl Ether (MonoBDE)	ND
Dibromodiphenyl Ether (DiBDE)	ND
Tribromodiphenyl Ether (TriBDE)	ND
Tetrabromodiphenyl Ether (TetraBDE)	ND
Pentabromodiphenyl Ether (PentaBDE)	ND
Hexabromodiphenyl Ether (HexaBDE)	ND
Heptabromodiphenyl Ether (HeptaBDE)	ND
Octabromodiphenyl Ether (OctaBDE)	ND
Nonabromodiphenyl Ether (NonaBDE)	ND
Decabromodiphenyl Ether (DecaBDE)	ND
Phthalates Content (mg/kg)	
Bis(2-ethylhexyl)phthalate(DEHP)	ND
Butyl benzyl phthalate(BBP)	ND
Dibutyl phthalate(DBP)	ND
Diisobutyl phthalate(DIBP)	ND

ND = Not detected

Tested component(1): Grey panel with brown pattern

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(B) RoHS Requirement:

Restricted Substances	Limits
Cadmium (Cd)	0.01% (100 mg/kg)
Lead (Pb)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Chromium (VI)(Cr ⁶⁺)	0.1% (1000 mg/kg)
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)
Phthalates(DEHP, BBP, DBP, DIBP)	0.1% (1000 mg/kg)

The above limits were quoted from 2011/65/EU and (EU) 2015/863 for homogeneous material.

(C) Test Method:

Testing Item	Testing Method	Reporting Limit
Mercury (Hg) Content	With reference to IEC 62321-4:2013+AMD 1:2017 CSV, by acid digestion and determined by ICP - OES	2 mg/kg
Cadmium (Cd) Content	With reference to IEC 62321-5:2013, by acid digestion and determined by ICP - OES	2 mg/kg
Lead (Pb) Content	With reference to IEC 62321-5:2013, by acid digestion and determined by ICP - OES	2 mg/kg
Chromium (VI) (Cr ⁶⁺) Content	With reference to IEC 62321-7-2:2017, Hexavalent chromium – Determination of hexavalent chromium (Cr(VI) in polymers and electronics by the colorimetric method	10mg/kg
Polybrominated Biphenyls (PBBs)& Polybrominated Diphenyl Ethers (PBDEs) Content	With reference to IEC 62321-6:2015, by solvent extraction and determined by GC/MS and further HPLC confirmation when necessary	5 mg/kg
Phthalates(DEHP, BBP, DBP, DIBP) Content	With reference to IEC 62321-8:2017, by solvent extraction and determined by GC/MS	100mg/kg

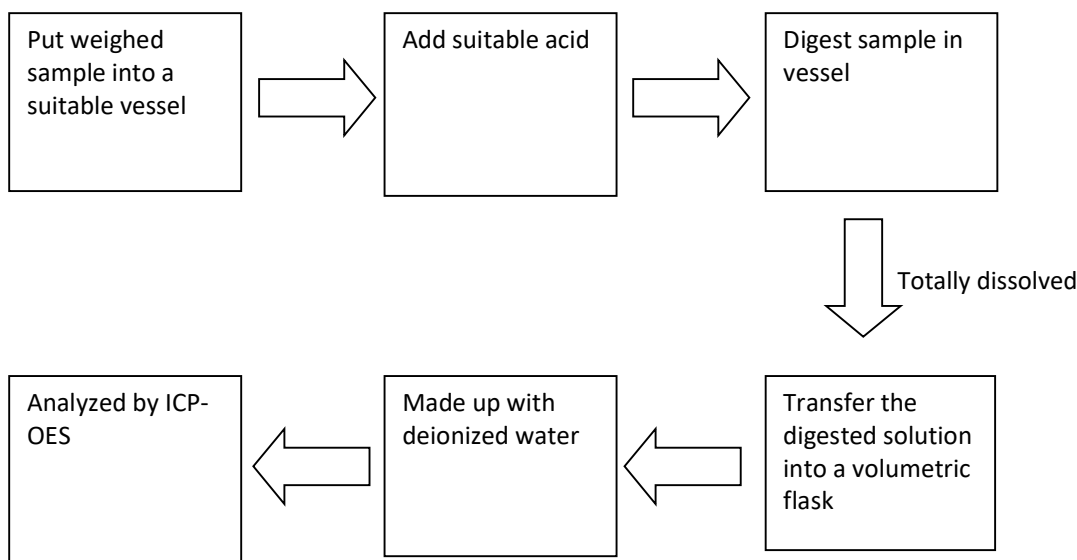
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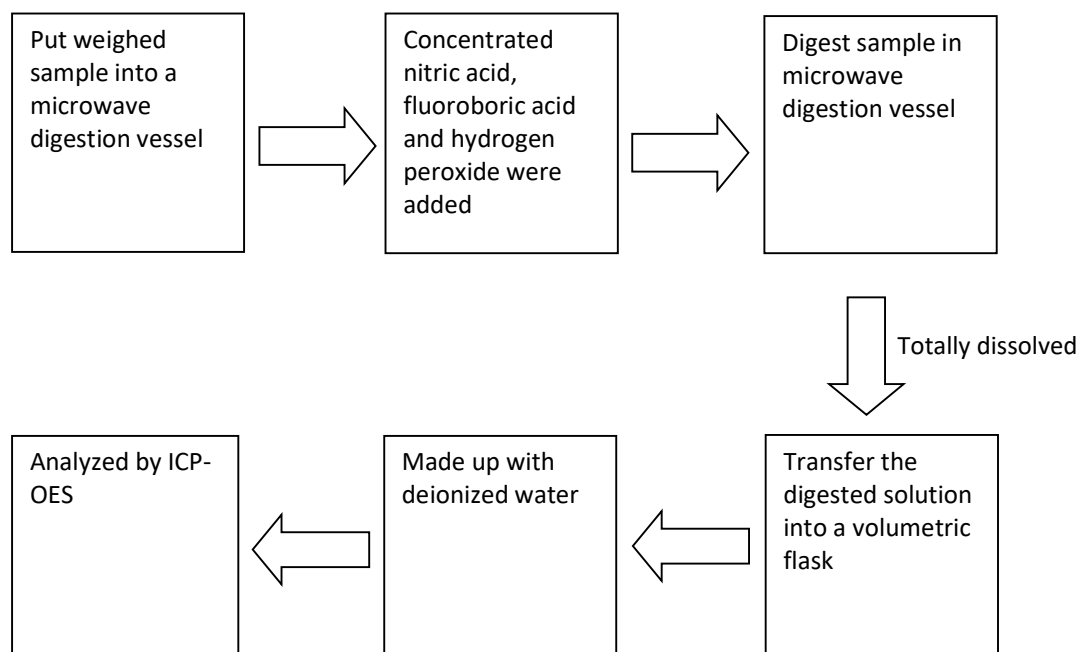
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(D) Measurement Flowchart:

(1) Test for Cd/Pb Contents



(2) Test for Hg Content

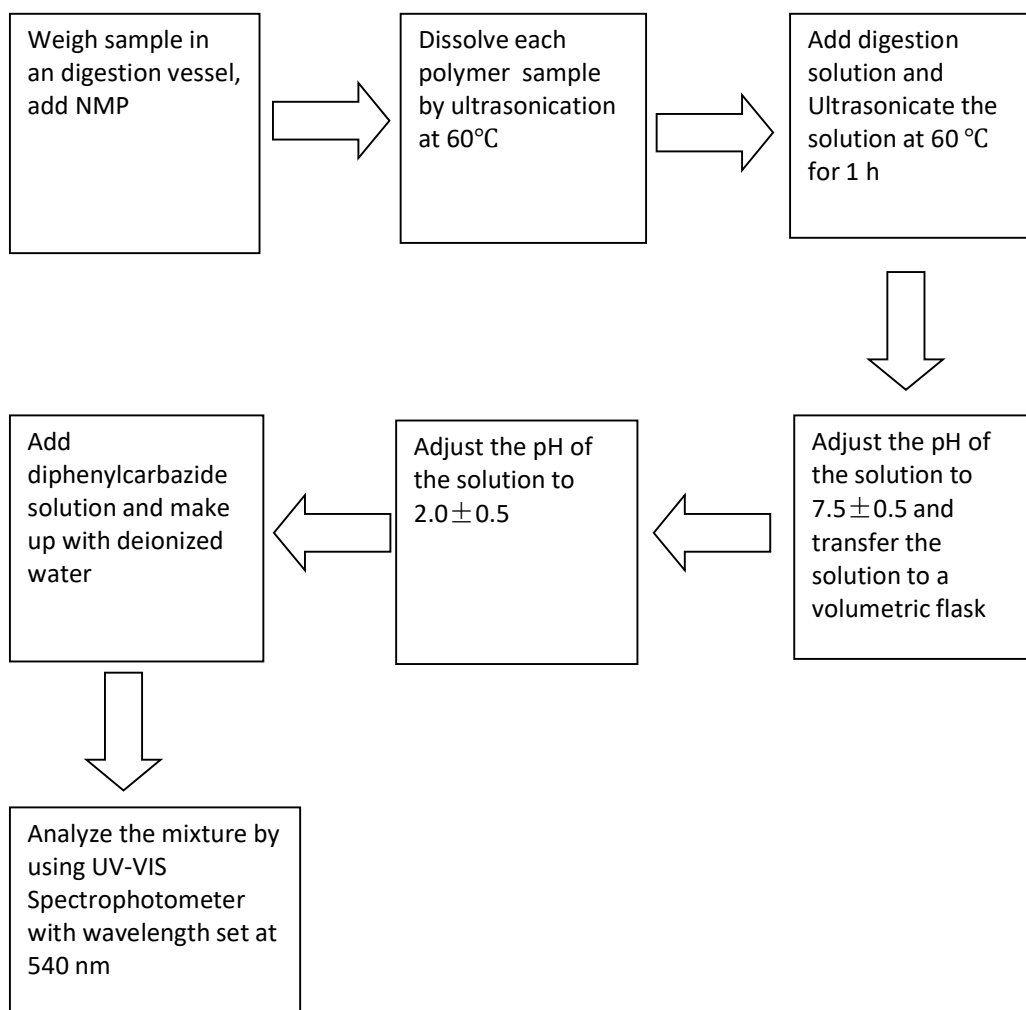


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(3) Test for Chromium (VI) (Cr^{6+}) Content (Soluble polymer)

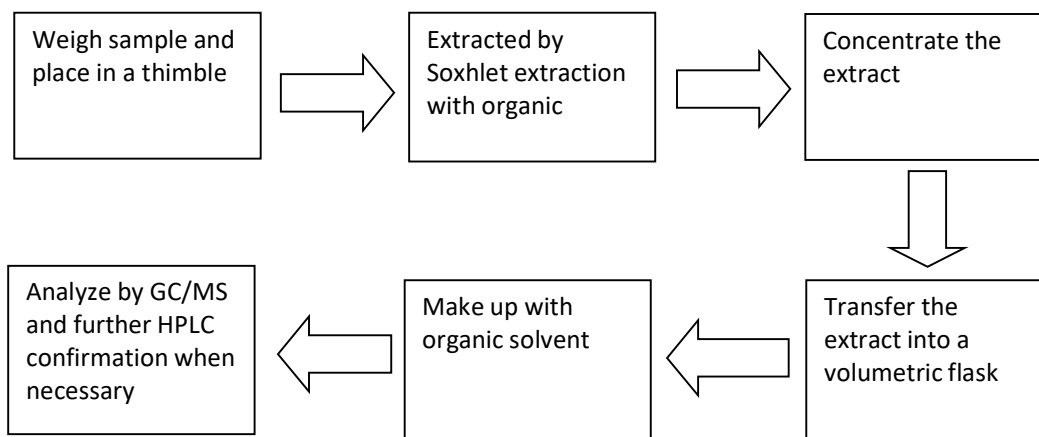


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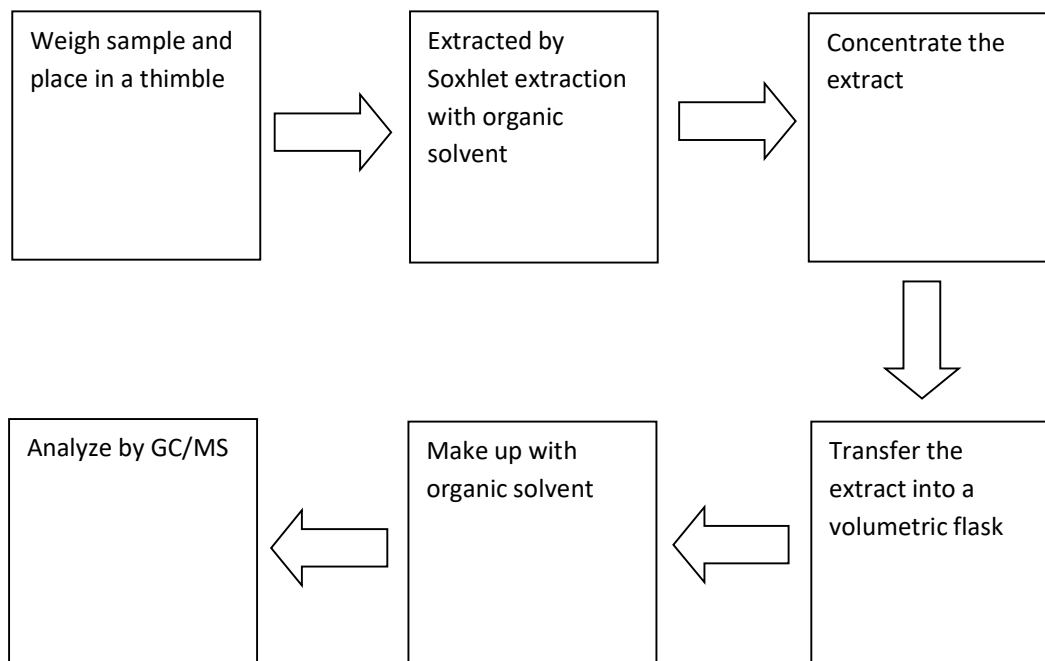
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(4) Test for PBBs/PBDEs Contents



(5) Test for Phthalate Contents



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Appendix A: Sample Received Photo



Revision:

Revision No.	Date	REVISION	Reviser	Reviewer
/	/	Original Report Issue	/	/

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