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国际互认
检测
TESTING
CNAS L3061

Test Report

No.: B3B122112B3D1B052731-2

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Issued Date: 2024-01-29

Applicant: Panasonic Industrial Devices Materials (Shanghai) Co.,Ltd.
Address: No. 148, Huancheng North Road, Fengxian Industrial Comprehensive Development Zone, Shanghai
Sample Name: EPOXY ENCAPSULATION MATERIALS
Model No.: CK6100
Sample Source: Send Sample
Sample Received Date: 2024-01-23
Test Period: 2024-01-23~2024-01-26
Test Type: Commissioning Test
Test Requirement(s): RoHS Directive 2011/65/EU & (EU)2015/863 AnnexII

Test Method(s): IEC 62321-5 Edition 1.0:2013 method, Lead Analysis is performed by AAS/ICP-OES
IEC 62321-5 Edition 1.0:2013 method, Cadmium Analysis is performed by AAS/ICP-OES
IEC 62321-4:2013+AMD1:2017 CSV method, Mercury analysis is performed by ICP-OES
IEC 62321-7-2 Edition 1.0:2017 method, Hexavalent Chromium analysis is performed by UV-Vis
IEC 62321-6 Edition 1.0:2015 method, PBBs and PBDEs analysis is performed by GC-MS
IEC 62321-8 Edition 1.0:2017 method, Phthalate analysis is performed by GC-MS

Test Result(s): See the report below for details

Edited by: Ci Shuangshuang
Ci Shuangshuang

Checked by: zheng lu
Zheng Lu



Approved by: Zhang Yaoqiang
Zhang Yaoqiang

Pony Testing Group Shanghai Co.,Ltd.

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Sample No.& Name: B3D1B052731 EPOXY ENCAPSULATION MATERIALS

Test Result:

Sample No.	Part Name	Test Item	MDL	Test Result	RoHS Limit	Unit
B3D1B052731	EPOXY ENCAPSULATION MATERIALS	Pb	2	N.D.	1000	mg/kg
		Cd	2	N.D.	100	mg/kg
		Hg	2	N.D.	1000	mg/kg
		Cr(VI)	8	N.D.	1000	mg/kg
		Sum of PBBs	—	N.D.	1000	mg/kg
		Bromobiphenyl	5	N.D.	—	mg/kg
		Dibromobiphenyl	5	N.D.	—	mg/kg
		Tribromobiphenyl	5	N.D.	—	mg/kg
		Tetrabromobiphenyl	5	N.D.	—	mg/kg
		Pentabromobiphenyl	5	N.D.	—	mg/kg
		Hexabromobiphenyl	5	N.D.	—	mg/kg
		Heptabromobiphenyl	5	N.D.	—	mg/kg
		Octabromobiphenyl	5	N.D.	—	mg/kg
		Nonabromobiphenyl	5	N.D.	—	mg/kg
		Decabromobiphenyl	5	N.D.	—	mg/kg
		Sum of PBDEs	—	N.D.	1000	mg/kg
		Bromodiphenyl ether	5	N.D.	—	mg/kg
		Dibromodiphenyl ether	5	N.D.	—	mg/kg
		Tribromodiphenyl ether	5	N.D.	—	mg/kg
		Tetrabromodiphenyl ether	5	N.D.	—	mg/kg
		Pentabromodiphenyl ether	5	N.D.	—	mg/kg
		Hexabromodiphenyl ether	5	N.D.	—	mg/kg
		Heptabromodiphenyl ether	5	N.D.	—	mg/kg
		Octabromodiphenyl ether	5	N.D.	—	mg/kg
Nonabromodiphenyl ether	5	N.D.	—	mg/kg		
Decabromodiphenyl ether	5	N.D.	—	mg/kg		

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Sample No.& Name: B3D1B052731 EPOXY ENCAPSULATION MATERIALS

Phthalate Test Result:

Sample No.	Part Name	Test Item	CAS No.	MDL	Test Result	RoHS Limit	Unit	
B3D1B052731	EPOXY ENCAPSULATION MATERIALS	Phthalate	DIBP	84-69-5	30	N.D.	1000	mg/kg
		DBP	84-74-2	30	N.D.	1000	mg/kg	
		BBP	85-68-7	30	N.D.	1000	mg/kg	
		DEHP	117-81-7	30	N.D.	1000	mg/kg	

- 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

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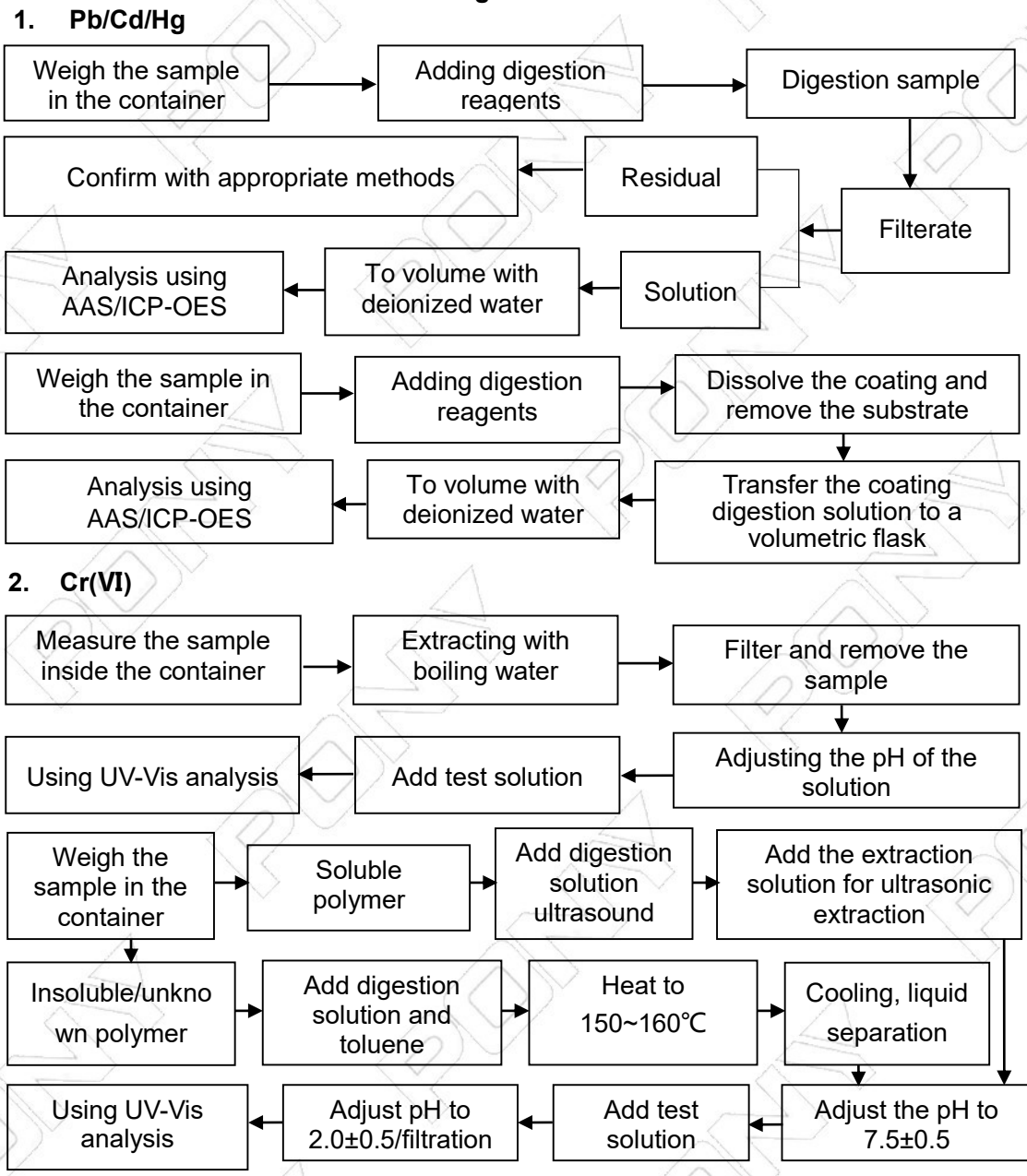


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Testing Flow Chart



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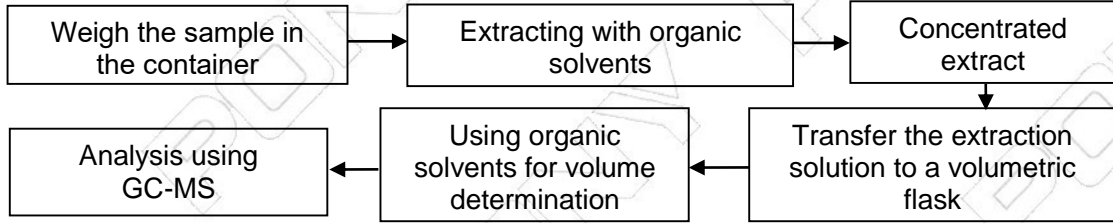


Test Report

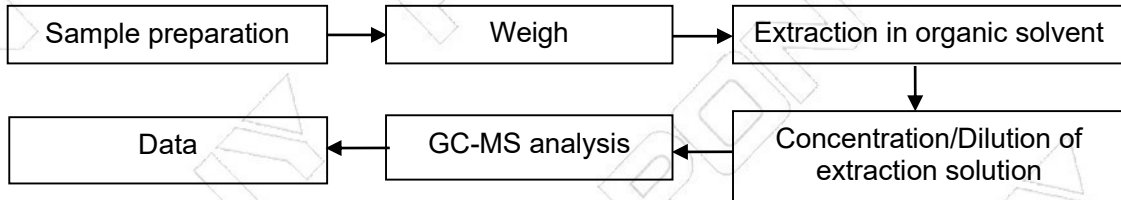
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PBBs, PBDEs Testing Flow Chart



Phthalate Testing Flow Chart



Sample No. & Photo:



Pony authenticate the photo on original report only

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