



Test Report

Report No.: HAP18090948903

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Applicant Zhenjiang Luodiya Rubber & Plastic Materials Co., Ltd.

Address No. 1, Xin Ba Road, Yangzhong new dam science and Technology Park

Sample Information

Sample Name silica gel

Sample Model LDY-6150

Overlay Model

LDY-4130、LDY-4140、LDY-4150、LDY-4160、LDY-4170、
LDY-5130、LDY-5140、LDY-5150、LDY-5160、LDY-5170、LDY-5180、
LDY-6120、LDY-6130、LDY-6140、LDY-6160、LDY-6170、LDY-6180
LDY-7120、LDY-7130、LDY-7140、LDY-7150、LDY-7160、LDY-7170、LDY-7180、
LDY-8130、LDY-8140、LDY-8150、LDY-8160、LDY-8170、LDY-8180、
LDY-8230、LDY-8240、LDY-8250、LDY-8260、LDY-8270、LDY-8280、
LDY-9120、LDY-9130、LDY-9140、LDY-9150、LDY-9160、LDY-9170、LDY-9180、
LDY-9220、LDY-9130、LDY-9240、LDY-9250、LDY-9260、LDY-9270、LDY-9280、
LDY-9320、LDY-9330、LDY-9340、LDY-9350、LDY-9360、LDY-9370、LDY-9380、
LDY-9420、LDY-9430、LDY-9440、LDY-9450、LDY-9460、LDY-9470、LDY-9480、
LDY-9520、LDY-9530、LDY-9540、LDY-9550、LDY-9560、LDY-9570、LDY-9580、

*The information above is provided and confirmed by the applicant

Sample Received Date Sep.11,2018

Testing Period Sep.11,2018 to Sep.17,2018

Testing Requested

As per client's request, to determine the RoHS 2.0 (Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs, DBP, BBP, DEHP, DIBP) in the submitted sample according to RoHS Directive 2015/863/EU Annex II.

Testing Results

Based on the test samples, the test results of Cadmium (Cd), Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr⁶⁺), The sum of Polybrominated Biphenyls (PBBs) and The sum of Polybrominated Diphenyl Ethers (PBDEs), Dibutyl Phthalate (DBP), Benzylbutyl Phthalate (BBP), Bis-(2-ethylhexyl) Phthalate (DEHP), Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive 2015/863/EU Annex II.

Signer : Paul Chen

Date : Sep.20,2018

[Website of verification report: CNCA verification platform yz.cncaic.cn](http://cnca.cncaic.cn)



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Determination of RoHS 2.0 (unit: mg/kg)

Testing method

- (1) With reference to IEC 62321-5:2013. By ICP - OES for measuring;
- (2) With reference to IEC 62321-4:2013. By ICP-OES for measuring;
- (3) With reference to IEC 62321-7-2:2017. By UV-VIS for measuring;
- (4) With reference to IEC 62321-6:2015. By GC-MS for measuring;
- (5) With reference to IEC 62321-8:2017. By GC-MS for measuring.

Testing Item(s)	Method	MDL	Limit	Results
Lead (Pb)	(1)	2	1000	ND
Cadmium (Cd)		2	100	ND
Mercury (Hg)	(2)	2	1000	ND
Chromium(VI) (Cr ⁶⁺)	(3)	8	1000	ND
Polybrominated Biphenyls (PBBs)	(4)	—	1000	ND
Polybrominated Diphenyl Ethers (PBDEs)		—	1000	ND
Dibutyl Phthalate (DBP)	(5)	50	1000	ND
Benzylbutyl Phthalate (BBP)		50	1000	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)		50	1000	ND
Diisobutyl phthalate (DIBP)		50	1000	ND

Note:

- (1) 1 mg/kg=1 ppm=0.0001%
- (2) MDL=Method Detection Limit
- (3) ND=Not Detected (<MDL)
- (4) "—" =Not Regulated
- (5) Polybrominated diphenyl ethers
- (6) Polybrominated Biphenyls, Polybrominated Diphenyl Ethers list, and detection limit (MDL)

Polybrominated Biphenyls (PBBs)	MDL	Polybrominated Diphenyl Ethers (PBDEs)	MDL
Bromobiphenyl	5	Bromobiphenyl ether	5
Dibromobiphenyl	5	Dibromobiphenyl ether	5
Tribromobiphenyl	5	Tribromobiphenyl ether	5
Tetrabromobiphenyl	5	Tetrabromodiphenyl ether	5
Pentabromobiphenyl	5	Pentabromodiphenyl ether	5
Hexabromobiphenyl	5	Hexabromodiphenyl ether	5
Heptabromobiphenyl	5	Heptabromodiphenyl ether	5
Octabromobiphenyl	5	Octabromobiphenyl ether	5
Nonabromobiphenyl	5	Nonabromobiphenyl ether	5
Marabromodiphenyl	5	Marabromobiphenyl ether	5

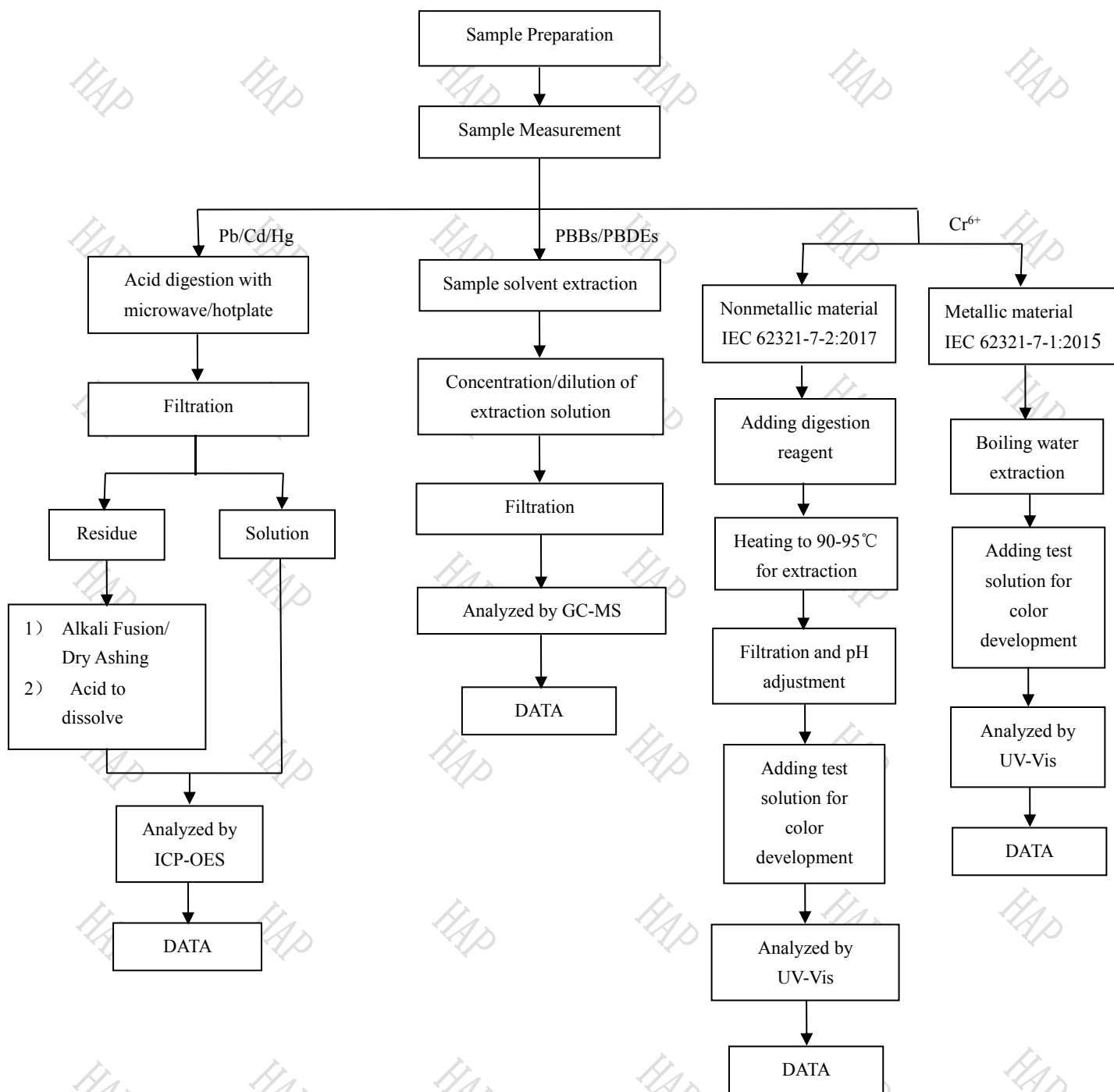


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RoHS Testing Flow Chart



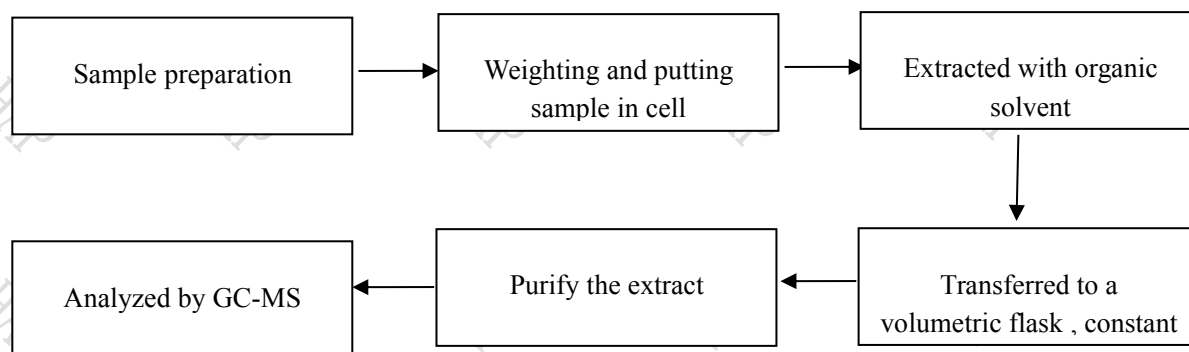


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Phthalate Testing Flow Chart:



Sample photo:



End of report

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