



Test Report

No.: DGC131102001AE

Date: November 05, 2013

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Applicant: Nantong Shuangan Activated-charcoal Filter Material Co., Ltd.

Address: Xiayuan Industrial District, Ruhao City, Jiangsu Province.

Manufacturer: Nantong Shuangan Activated-charcoal Filter Material Co., Ltd.

Address: Xiayuan Industrial District, Ruhao City, Jiangsu Province.

Sample Name: Activated-charcoal non-woven fabric

Model No.: /

Test period: November 02, 2013 to November 05, 2013

Test requested: In accordance with RoHS Directive 2011/65/EU.

Test method: With reference to IEC 62321-2008 Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.

Test result: Please refer to next page.

Conclusion: Based on the test results, the submitted sample(s) comply with the RoHS Directive 2011/65/EU.

Written by:

Amanda

Checked by:

Wilber Xie

Approved by:



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Accurate Technology Co., Ltd.

Address: No.345, Baima Block, Guantai Road, Nancheng District, Dongguan, Guangdong, China

Tel: (+86-769) 23301666

Fax: (+86-769) 23301600

Email: dgcs@atc-lab.com

Http://www.dgatc-lab.com

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Test results:

Test Items	Test methods	Unit	MDL	Results	RoHS Limit
				No.1	
Cadmium (Cd)	With reference to IEC 62321: Section 8, test by ICP-OES	mg/kg	2	N.D.	100
Lead (Pb)				N.D.	1000
Mercury (Hg)	With reference to IEC 62321: Section 7, test by ICP-OES	mg/kg	2	N.D.	1000
Chromium (Cr ⁶⁺) by Alkaline extraction	With reference to IEC 62321: Annex C, test by UV-Vis	mg/kg	2	N.D.	1000
Sum of PBBs	With reference to IEC 62321: Annex A, test by GC-MS	mg/kg	---	N.D.	1000
Monobromobiphenyl		mg/kg	5	N.D.	---
Dibromobiphenyl		mg/kg	5	N.D.	---
Tribromobiphenyl		mg/kg	5	N.D.	---
Tetrabromobiphenyl		mg/kg	5	N.D.	---
Pentabromobiphenyl		mg/kg	5	N.D.	---
Hexabromobiphenyl		mg/kg	5	N.D.	---
Heptabromobiphenyl		mg/kg	5	N.D.	---
Octabromobiphenyl		mg/kg	5	N.D.	---
Nonabromobiphenyl		mg/kg	5	N.D.	---
Decabromobiphenyl		mg/kg	5	N.D.	---
Sum of PBDEs		mg/kg	---	N.D.	1000
Monobromobiphenyl ether		mg/kg	5	N.D.	---
Dibromobiphenyl ether		mg/kg	5	N.D.	---
Tribromobiphenyl ether		mg/kg	5	N.D.	---
Tetrabromobiphenyl ether		mg/kg	5	N.D.	---
Pentabromobiphenyl ether		mg/kg	5	N.D.	---
Hexabromobiphenyl ether		mg/kg	5	N.D.	---
Heptabromobiphenyl ether		mg/kg	5	N.D.	---
Octabromobiphenyl ether		mg/kg	5	N.D.	---
Nonabromobiphenyl ether	mg/kg	5	N.D.	---	
Decabromobiphenyl ether	mg/kg	5	N.D.	---	

Test Part Description:

No.1: Black non-woven fabric

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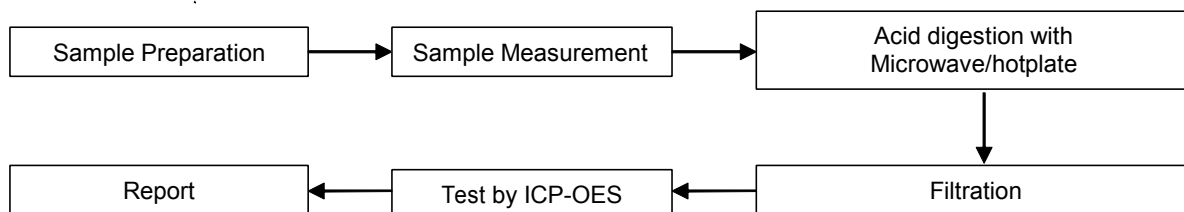
Note:

- (1) mg/kg=ppm=0.0001%;
- (2) N.D.=Not Detected(<MDL);
- (3) MDL=Method Detection Limit;
- (4) "---"=Not Conducted;
- (5) Specimens, which requested to determine Cadmium, Mercury and Lead Content, have been dissolved completely.

Operation Flow Chart:

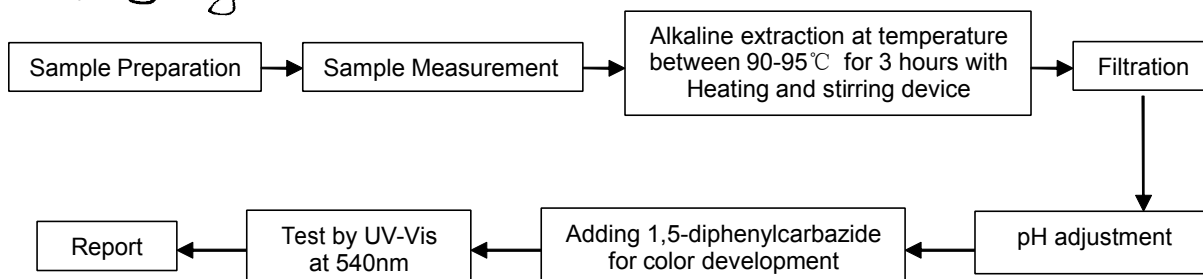
1.To Determine Lead, Cadmium,Mercury:

Tested by:



2. To Determine Cr⁶⁺:

Tested by:



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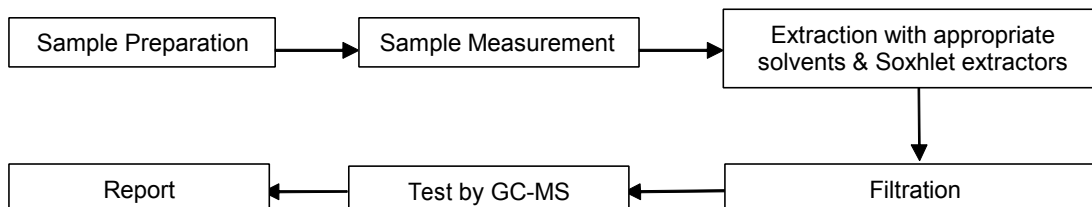
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3. To Determine PBBs/PBDEs:

Tested by: *lin***Photograph of Sample:**

End of Report

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