



Test Report

No.: DGC161230001NE04

Date: Jan. 05, 2017

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Applicant:

Address:

Manufacturer:

Address:

Sample Name: Microfiber Cooling towel

Description: Plum color

Date of Sample Received: Dec. 30, 2016

Test period: Dec. 30, 2016 - Jan. 05, 2017

Test requested: In accordance with RoHS Directive 2011/65/EU and amendment 2015/863/EU, to determine Cadmium (Cd), Lead (Pb), Mercury (Hg), Chromium (Cr⁶⁺), PBBs/PBDEs, Di (2-ethyl hexyl)-phthalate (DEHP), Dibutyl phthalate (DBP), Butylbenzyl phthalate (BBP), Diisobutyl phthalate (DIBP) content on submitted samples.


Test method: Please refer to next page.

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 and amendment 2015/863/EU.

Written by: Nora Checked by: Saby

Approved by: Saby



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Test results:

Test Items	Test methods	Unit	MDL	Results	RoHS Limit
				No.1	
Cadmium (Cd)	With reference to IEC 62321-5: 2013, test by ICP-OES	mg/kg	2	N.D.	100
Lead (Pb)				N.D.	1000
Mercury (Hg)	With reference to IEC 62321-4: 2013, test by ICP-OES	mg/kg	2	N.D.	1000
Chromium (Cr ⁶⁺) by Alkaline extraction	With reference to IEC 62321-7-2 (111/212/CD), test by UV-Vis	mg/kg	2	N.D.	1000
Sum of PBBs	With reference to IEC 62321-6: 2015, 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.	---	
Di (2-ethyl hexyl)-phthalate (DEHP)	With reference to IEC 62321-8 (111/321/CD), test by GC-MS	mg/kg	30	N.D.	1000
Butylbenzyl phthalate (BBP)		mg/kg	30	N.D.	1000
Dibutyl phthalate (DBP)		mg/kg	30	N.D.	1000
Diisobutyl phthalate (DIBP)		mg/kg	30	N.D.	1000

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NTEK Testing Technology Co., Ltd.

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Test Part Description:

No.1: Plum color cloth

Note:

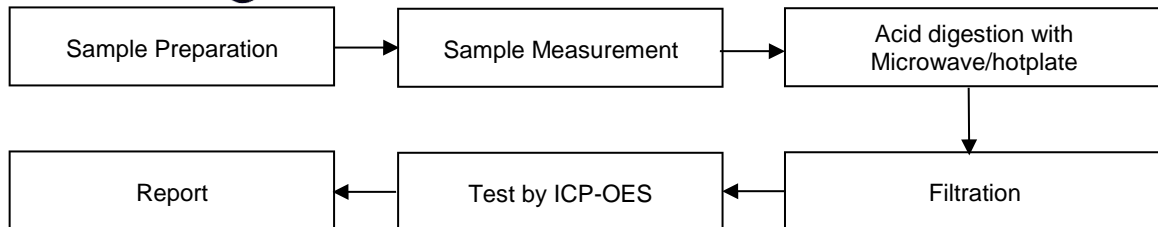
- (1) mg/kg=ppm=0.0001%;
- (2) N.D.=Not Detected(<MDL);
- (3) MDL=Method Detection Limit;
- (4) "---"=Not Conducted;
- (5) Specimens, which requested to determine Cadmium, Mercury and Lead Content, have been dissolved completely.

Operation Flow Chart:

1. To Determine Lead, Cadmium, Mercury:

Tested by:

Hugo



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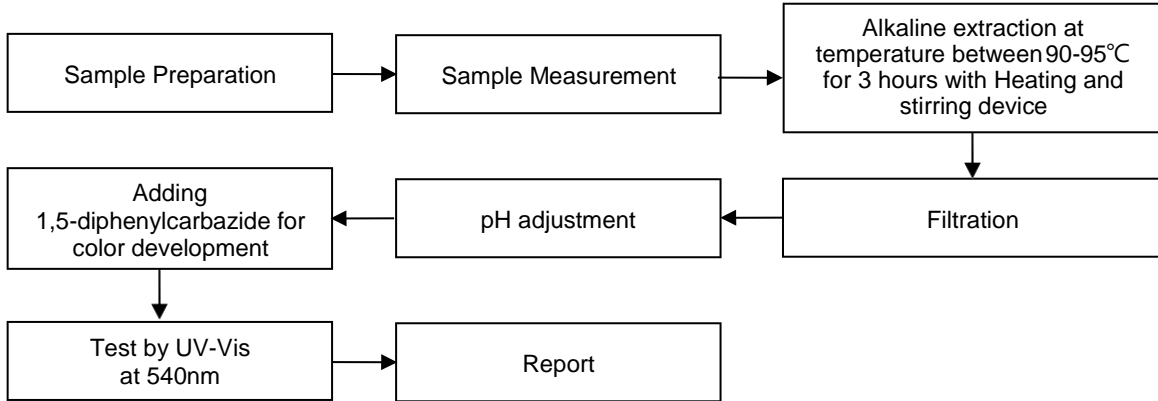
Http://www.dgac-lab.com

2. To Determine Cr⁶⁺ :

Tested by:

Paul

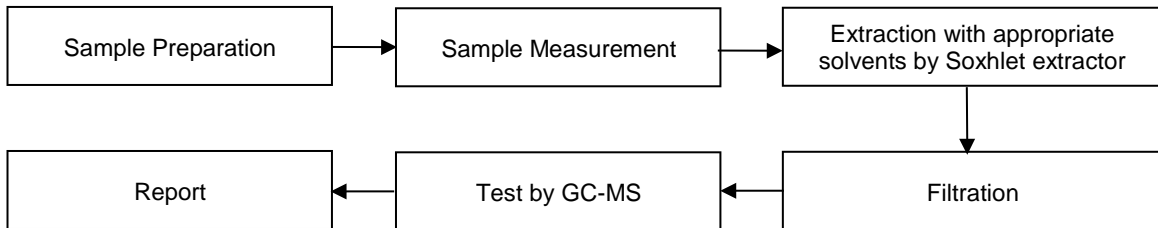
Alkaline extraction:



3. To Determine PBBs/PBDEs, DEHP, BBP, DBP, DIBP:

Tested by:

Fred



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Photograph of Sample:



End of Report

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