

Applicant : Dongguan Huoli Brush Hair Co.,Ltd
Address : Ren Zi Yuan,Xiegang Zhen,Dongguan.

The following sample(s) was/were submitted and identified on behalf of the client as:

Product Name : Wire brush
Model : /
Manufacturer : Dongguan Huoli Brush Hair Co.,Ltd
Address : Ren Zi Yuan,Xiegang Zhen,Dongguan.

Date of Sample Received : Sept. 16, 2020
Test period : Sept. 16, 2020-Sept. 22, 2020

Test requested

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

Test method : Please refer to next page.

Test result : Please refer to next page.

Tested by:

George Zhang
(Senior Engineer)

Reviewed by:

Fred Wu
(Supervisor)

Approved by:

Caby Yang
(Technical director)

Date:

Sept. 22, 2020



This document cannot be reproduced except in full, without prior written approval of NTEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan NTEK Testing Technology Co., Ltd.

Address: Building 3, Meisaidaxin Park, Keji 8th Road, Songshan Lake High-Tech Industrial Development Zone,
Dongguan, Guangdong, China

Tel: (+86-769) 23301666 **Fax:** (+86-769) 23301600

Email: service@ntek.org.cn

http://www.dgntek.org.cn

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+AMD1:2017, test by ICP-OES	mg/kg	2	N.D.	1000
Chromium (Cr (VI)) by Alkaline extraction	With reference to IEC 62321-7-2:2017, test by UV-Vis	mg/kg	10	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: 2017, 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

This document cannot be reproduced except in full, without prior written approval of NTEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan NTEK Testing Technology Co., Ltd.

Address: Building 3, Meisaidaxin Park, Keji 8th Road, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China

Tel: (+86-769) 23301666

Fax: (+86-769) 23301600

Email: service@ntek.org.cn

<http://www.dgntek.org.cn>

Test Part Description:

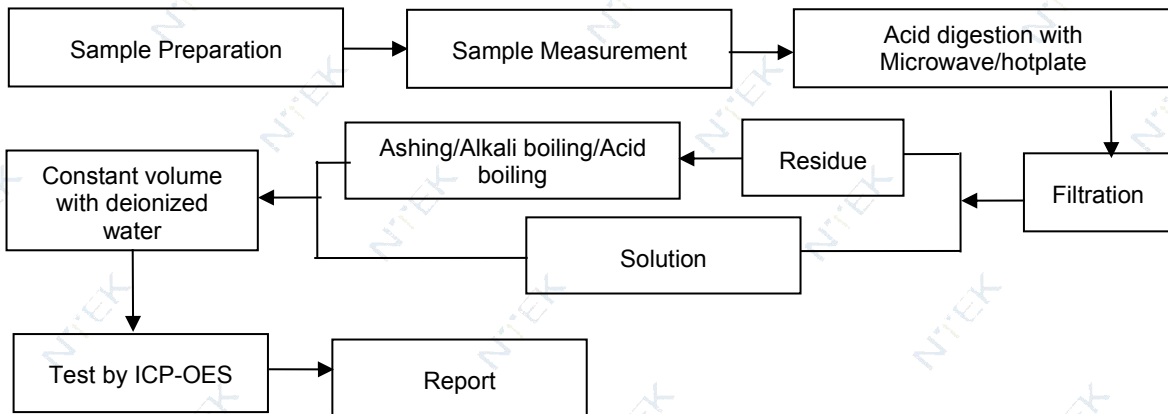
No.1: White brush wire

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:



This document cannot be reproduced except in full, without prior written approval of NTEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan NTEK Testing Technology Co., Ltd.

Address: Building 3, Meisaidaxin Park, Keji 8th Road, Songshan Lake High-Tech Industrial Development Zone,
Dongguan, Guangdong, China

Tel: (+86-769) 23301666

Fax: (+86-769) 23301600

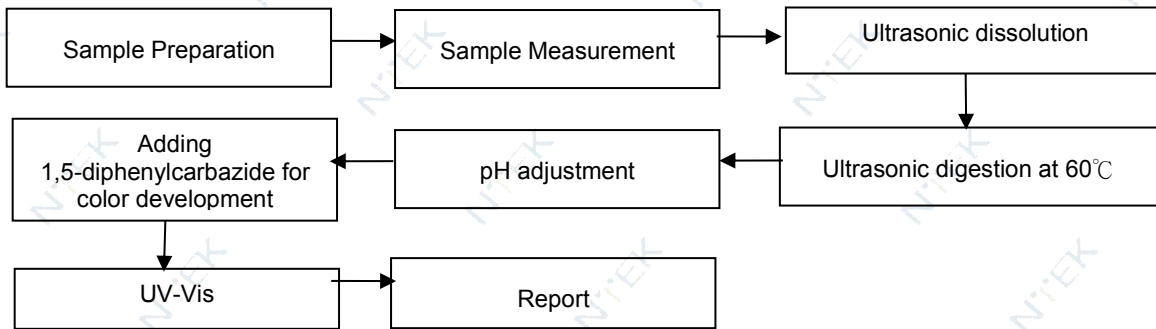
Email: service@ntek.org.cn

<http://www.dgntek.org.cn>

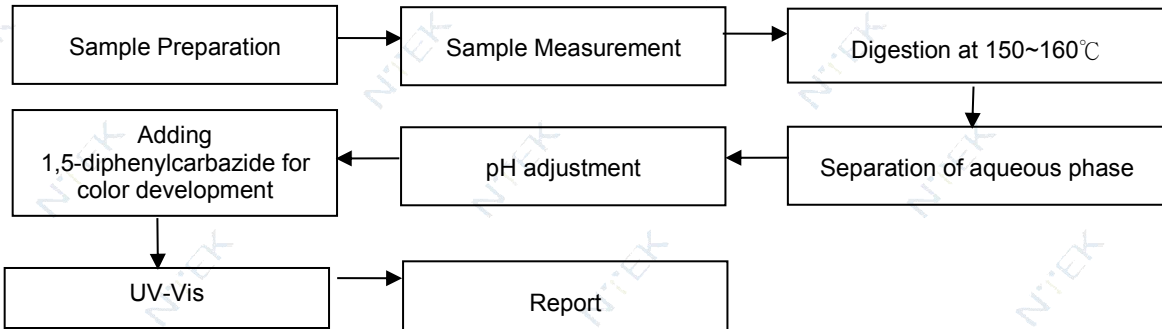
2. To Determine Cr (VI):

Alkaline extraction:

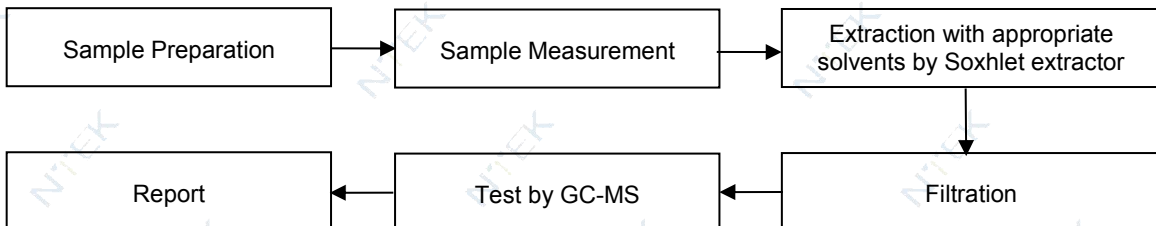
ABS/PC/PVC:



Others:



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



This document cannot be reproduced except in full, without prior written approval of NTEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

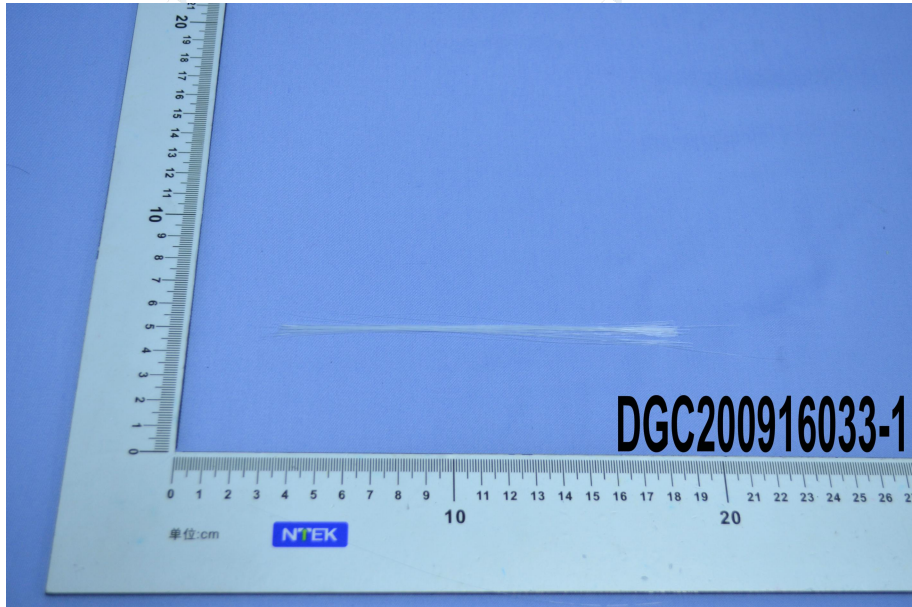
Dongguan NTEK Testing Technology Co., Ltd.

Address: Building 3, Meisaidaxin Park, Keji 8th Road, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China

Tel: (+86-769) 23301666 Fax: (+86-769) 23301600

Email: service@ntek.org.cn

<http://www.dgntek.org.cn>

Photograph of Sample:

Tested sample

End of Report

This document cannot be reproduced except in full, without prior written approval of NTEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan NTEK Testing Technology Co., Ltd.

Address: Building 3, Meisaidaxin Park, Keji 8th Road, Songshan Lake High-Tech Industrial Development Zone,
Dongguan, Guangdong, China

Tel: (+86-769) 23301666 Fax: (+86-769) 23301600

Email: service@ntek.org.cn

<http://www.dgntek.org.cn>