

**Applicant** : Dongguan Godsaid Technology Co., Ltd.  
**Address** : Room 202, Building 10, No. 1, Longkou Road, Shigu, Tangxia Town, Dongguan City, Guangdong Province

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

**Product Name** : 3D printer resin  
**Model No.** : TH72  
**Lot No.** : 20220816  
**Manufacturer** : Dongguan Godsaid Technology Co., Ltd.  
**Address** : Room 202, Building 10, No. 1, Longkou Road, Shigu, Tangxia Town, Dongguan City, Guangdong Province

**Date of Sample Received** : Aug. 17, 2022  
**Test period** : Aug. 17, 2022 - Aug. 24, 2022

**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), Diisobutyl phthalate (DIBP) content on submitted samples.

**Test method** : Please refer to next page.

**Test result** : Please refer to next page.

**Tested by:**

Weilin Yuan

**Reviewed by:**

Kaga Au

**Approved by:**Richard Ke  
(Signed for and on behalf)**Date:**

Aug. 24, 2022



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**Dongguan NTEK Testing Technology Co., Ltd.**

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**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)			2	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

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**Test Part Description:**

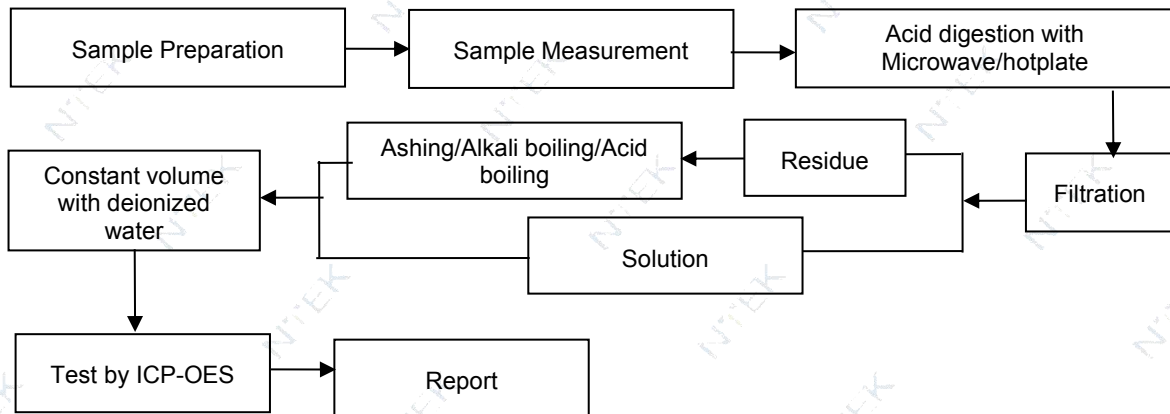
No.1: Gray liquid

**Note:**

- (1) mg/kg=ppm=0.0001%;
- (2) N.D.=Not Detected(<MDL);
- (3) MDL=Method Detection Limit;
- (4) “---”=Not regulated.

**Operation Flow Chart:**

1. To Determine Lead, Cadmium, Mercury:



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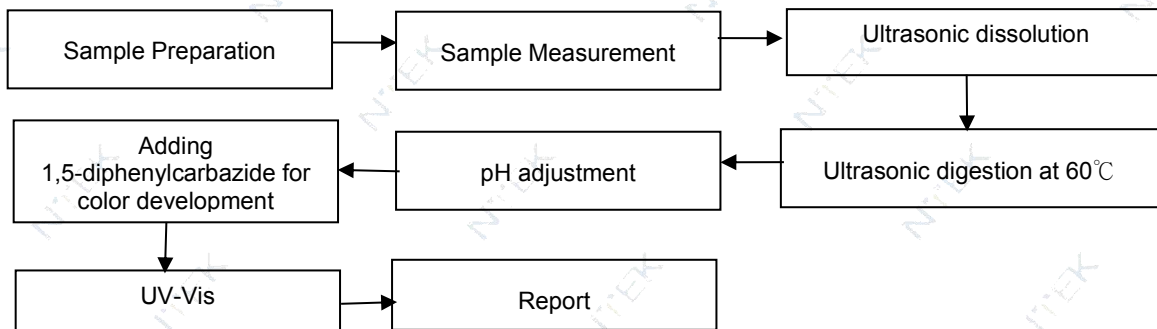
Email: [service@ntek.org.cn](mailto:service@ntek.org.cn)

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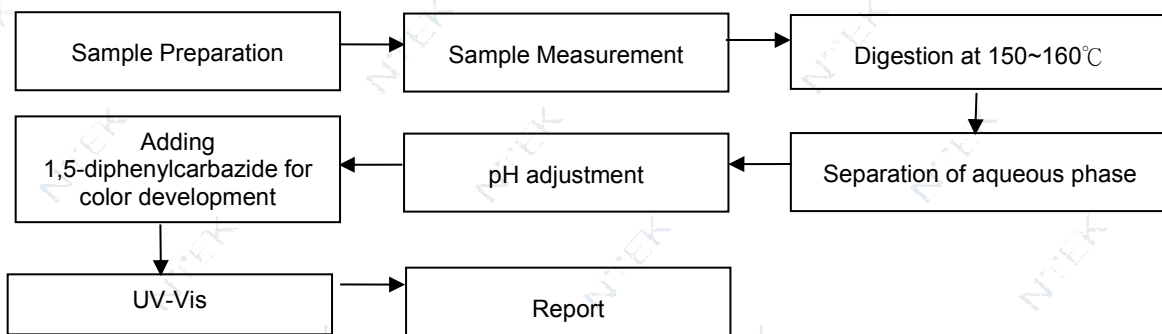
2. To Determine Cr (VI):

Alkaline extraction:

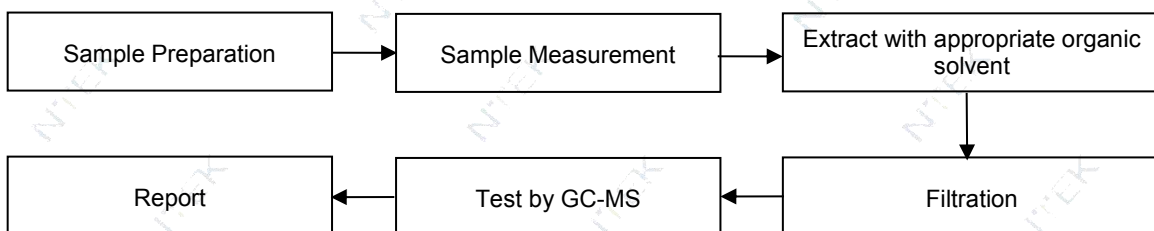
ABS/PC/PVC:



Others:



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



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**Photograph of Sample:**



\*\*\*End of Report\*\*\*

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