

Test Report

Report No. A217003499410100301

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Applicant ZHANGZHOU YINMEI PRINTING INK CO., LTD

Address DONGCHE VILLAGE , HUOTIAN TOWN, YUNXIAO COUNTY, ZHANGZHOU CITY , FUJIAN PROVINCE, CHINA

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

Sample Name INK
Part No. G002-50102
Sample Received Date Aug. 11, 2017
Testing Period Aug. 11, 2017 to Aug. 15, 2017

Test Requested As specified by client, to test Polycyclic Aromatic Hydrocarbons (PAHs) in the submitted sample(s).

Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Polycyclic Aromatic Hydrocarbons (PAHs)	AfPS GS 2014:01 PAK	GC-MS

Test Result(s) Please refer to the following page(s).



Signature of Zhang

Signature of Zheng

Hill Zheng
Technical Manager

Co., Ltd.

Reviewed By

Signature of Reviewer

Date

Aug. 15, 2017

No. R158929000

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

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Limits for PAHs content (mg/kg) for material of (grip) surfaces, which are to be categorized on account of the results of the risk analysis.

Parameters	Category 1	Category 2		Category 3	
	Materials intended to be put in the mouth or materials of toys with foreseeable long-term skin contact (longer	Materials not covered by category 1 with foreseeable skin contact for longer than 30 seconds (long-term skin contact) or repeated short-term skin contact [#]		Materials not covered by category 1 or 2 with foreseeable skin contact up to 30 seconds (short term skin contact)	
		Toys covered by Directive 2009/48/EC	Other products	Toys covered by Directive 2009/48/EC	Other products
Benzo[a]pyrene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[e]pyrene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[a]anthracene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[b]fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[j]fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[k]fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Chrysene	<0.2	<0.2	<0.5	<0.5	<1
Dibenz[a,h]anthracene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[g,h,i]perylene	<0.2	<0.2	<0.5	<0.5	<1
Indenol[1,2,3-cd]pyrene	<0.2	<0.2	<0.5	<0.5	<1
Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene Pyrene	<1 Sum	<5 Sum	<10 Sum	<20 Sum	<50 Sum
Naphthalene	<1	<2		<10	
Sum 18 PAHs	<1	<5	<10	<20	<50

[#] Formulation “of repeated short-term skin contact” REACH Annex XVII No.50 supplement (REGULATION (EU) No.1272/2013)

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Test Result(s)

Tested Item(s)	Result	MDL
Polycyclic Aromatic Hydrocarbons (PAHs)		
Naphthalene	0.7 mg/kg	0.2 mg/kg
Acenaphthylene	N.D.	0.2 mg/kg
Acenaphthene	N.D.	0.2 mg/kg
Fluorene	N.D.	0.2 mg/kg
Phenanthrene	0.5 mg/kg	0.2 mg/kg
Anthracene	N.D.	0.2 mg/kg
Fluoranthene	N.D.	0.2 mg/kg
Pyrene	N.D.	0.2 mg/kg
Benzo(a)anthracene	N.D.	0.2 mg/kg
Chrysene	N.D.	0.2 mg/kg
Benzo(b)fluoranthene	N.D.	0.2 mg/kg
Benzo(k)fluoranthene	N.D.	0.2 mg/kg
Benzo(a)pyrene	N.D.	0.2 mg/kg
Indenol(1,2,3-cd)pyrene	N.D.	0.2 mg/kg
Dibenz(a,h)anthracene	N.D.	0.2 mg/kg
Benzo(g,h,i)perylene	N.D.	0.2 mg/kg
Benzo(j)fluoranthene	N.D.	0.2 mg/kg
Benzo(e)pyrene	N.D.	0.2 mg/kg
Sum (Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene)	0.5 mg/kg	/
Sum 18 PAHs	1.2 mg/kg	/

Tested Sample/Part Description Black ink

Remark:

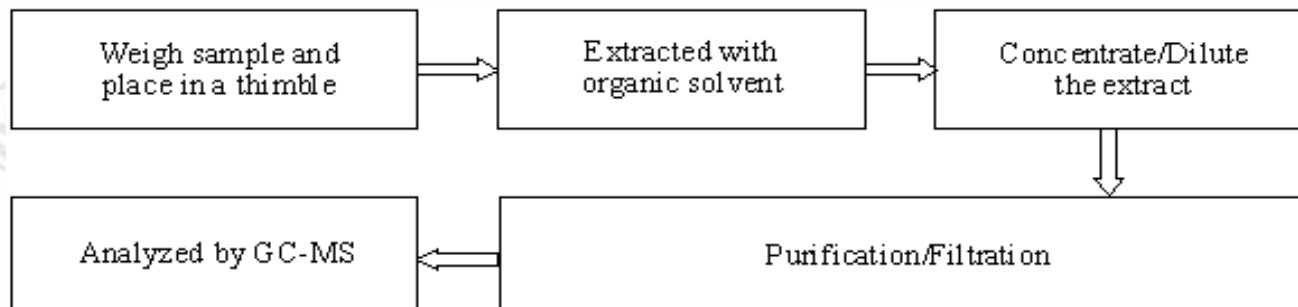
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The test result(s) is(are) presented in reference to the result(s) that reported in A2170034994101003.

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Test Process



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Photo(s) of the sample(s)



*** End of report ***

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