

Test Report

Report No. SCL01H05138200101

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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 油墨
Part No. G442
Color 01100、10200、10400、20000、20300、20600、20900、21000、30000、30200、
30300、30400、30600、30380、40200、40400、40800、50100、60100

Sample Received Date Jun. 19, 2015

Testing Period Jun. 19, 2015 to Jun. 25, 2015

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).

Tested by

Jerry

Reviewed by

Danna



Danny Liu

Date

Jun. 25, 2015

Danny Liu

Technical Manager

No. R148191117

onal (Shenzhen) Co., Ltd. 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 than 30 seconds)	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 [#]	Toys covered by Directive 2009/48/EC	Other products	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
Benzo[a]pyrene	<0.2	<0.2	<0.5	<0.5	<0.5	<1
Benzo[e]pyrene	<0.2	<0.2	<0.5	<0.5	<0.5	<1
Benzo[a]anthracene	<0.2	<0.2	<0.5	<0.5	<0.5	<1
Benzo[b]fluoranthene	<0.2	<0.2	<0.5	<0.5	<0.5	<1
Benzo[j]fluoranthene	<0.2	<0.2	<0.5	<0.5	<0.5	<1
Benzo[k]fluoranthene	<0.2	<0.2	<0.5	<0.5	<0.5	<1
Chrysene	<0.2	<0.2	<0.5	<0.5	<0.5	<1
Dibenz[a,h]anthracene	<0.2	<0.2	<0.5	<0.5	<0.5	<1
Benzo[g,h,i]perylene	<0.2	<0.2	<0.5	<0.5	<0.5	<1
Indenol[1,2,3-cd]pyrene	<0.2	<0.2	<0.5	<0.5	<0.5	<1
Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene Pyrene	<1 Sum	<5 Sum	<10 Sum	<20 Sum	<50 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	0.6 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	N.D.	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
Indeno[1,2,3-cd]pyrene	N.D.	0.2 mg/kg
Dibenzo[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)	N.D.	/
Sum 18 PAHs	0.6 mg/kg	/

Tested Sample/Part Description Red ink

Remark:

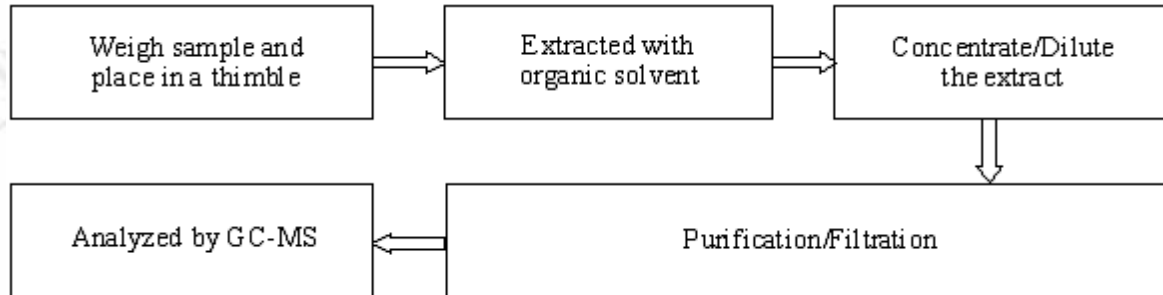
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The test result(s) is(are) presented in reference to the result(s) that reported in SCL01H051382001.

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Test Process



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Photo(s) of the sample(s)



*** End of report ***

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