



Test Report

No.: GZ1105057110/CHEM

Date: MAY 11, 2011

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DONGGUAN IN MEI COATING CO., LTD
TIANXIN AREA, HUANGJIANG TOWN, DONGGUAN CITY, GUANGDONG PROVINCE

This report is to supersede test report GZ1103019660/CHEM

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

SGS Job No. : SZ13113530
SGS Internal Reference No. : 4.2
Client Reference Information : SEE ATTACHMENT
Date of Sample Received : MAR 02, 2011
Testing Period : MAR 02, 2011 TO MAR 07, 2011

Test Requested : Selected test (s) as requested by client.

Test Method : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Ltd.

Manson Yang
Approved Signatory

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Test Results:

Description for specimen 1 : Mauve ink

PAHs (Polynuclear Aromatic Hydrocarbons)

Test Item(s)	Unit	Test Method	Results	MDL
Naphthalene (NAP)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Acenaphthylene (ANY)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Acenaphthene (ANA)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Fluorene (FLU)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Phenanthrene (PHE)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Anthracene (ANT)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Fluoranthene (FLT)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Pyrene (PYR)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Benzo(a)anthracene (BaA)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Chrysene (CHR)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Benzo(b)fluoranthene (BbF)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Benzo(k)fluoranthene (BkF)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Benzo(a)pyrene (BaP)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Indeno(1-,2,3-c,d)pyrene (IPY)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Dibenzo(a,h)anthracene (DBA)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Benzo(g,h,i)perylene (BPE)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
Sum of 16 PAHs acc. US EPA	mg/kg	-	N.D.	-

Note:

1. mg/kg = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit
4. The result(s) shown is/are of the total weight of wet sample.

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ZEK 01.2-08 : Restraining maximum values for products

Parameter	Category 1	Category 2	Category 3
	Material indented to be put in the mouth or material for toys with normal skin contact for children aged < 36 months	Materials those are not included in Category 1, with predictable contact with the skin longer than 30 s. (long-term skin contact).	Materials those are not included in Category 1 or 2, with predictable skin contact up to 30 s (short-term skin contact).
Benzo[a]pyrene (mg/kg)	<MDL (<0.2)***	1	20
Sum of 16 PAH (US EPA)(mg/kg)**	<MDL (<0.2)***	10	200

Remark:

** = Only PAH substances >0.2 mg/kg are taken into account while calculating the sum of PAHs.

*** = In case that the maximum values exceed the limits of category 1, but are within the limits of category 2, one may confirm the suitability of the tested material which indented to be put in the mouth by additional specific migration tests of PAH components based on DIN EN 1186ff and §64 LFGB 80.30-1. The conclusion of the migration test results must be made based on food law criteria.

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ATTACHMENT:

Mixture of: S001 (SB) 、 S002 (SBC) 、 S003 (SBD) 、 S004 (SBN) 、 S006 (SS) 、 S007 (SSN) 、 S008 (SA) 、 S010[(SPA) 、 (SPAN)]、 S886 (SGT) 、 S011 (PA) 、 S019 (BL) 、 S009 (SL) 、 C001 (SLF) 、 S354 (SPY) 、 S350 (SPL) 、 S351 (SPLA) 、 S352 (SPLC) 、 S650 (RP) 、 S651 (EVA) 、 S888 (SG) 、 S444 (SPET) 、 S505、 S560(PSC)、 C003 (SCC) 、 S266 (SPP) 、 A001 (AC) 、 A004 (AD) 、 A003 (ACNP) 、 A002 (ACN) 、 A521 (PSNP) 、 A505 (PS) 、 A005 (APA) 、 A006 (APAC) 、 A007 (APANP) 、 A616 (TPR) 、 A617 (TAR) 、 A618 (TCR) 、 A619 (THR) 、 A101 (APE) 、 G007 (PV) 、 G003 (PVA) 、 G004 (PVAN) 、 G001 (VD) 、 G002 (VDN) 、 G008 (VT) 、 G350 (VPU) 、 G005 (VHC) 、 G006 (VGA) 、 G122[(DPE) 、 (ZPE)]、 G126 (HH) 、 G124 (HPE) 、 F111 (FA) 、 G275 (OPP) 、 G430 (PETN) 、 G431 (PET) 、 G432 (PB) 、 A532 (PSA) 、 S355 (PU) 、 A810 (SAC) 、 A812 (SANC) 、 A811 (SAD) 、 S440 (SRD) 、 A525 (UV) 、 G709 (PL) 、 G132 (PPB) 、 G708 (PT) 、 G707 (T) 、 G010 (VPVN) 、 G123[(ZPEVA) 、 DPE (F)]—01100 (110) 、 10200 (102) 、 10400 (104) 、 20010 (200) 、 20300 (203) 、 20600 (206) 、 20700 (207) 、 20900 (209) 、 21000 (210) 、 30000 (300) 、 30100 (301) 、 30200 (302) 、 30300 (303) 、 30400 (304) 、 30600 (306) 、 30700 (307) 、 30800 (308) 、 30730 (3073) 、 30740 (3074) 、 30380 (3038) 、 31400 (314) 、 31500 (315) 、 40100 (401) 、 40200 (402) 、 40300 (403) 、 40400 (404) 、 40600 (406) 、 40700 (407) 、 40800 (408) 、 50000 (500) 、 50100 (501) 、 50200 (502) 、 60100 (601) 、 60200 (602) 、 70100 (701) 、 80100 (801) 、 80105、 90100 (901) 、 90200 (902) 、 21310(131)、 31330(133)、 31340(134)、 61400(140)、 41480(148)、 31590(159)、 50300 (导电黑) 、 01200 (2000) 、 01300 (4000)

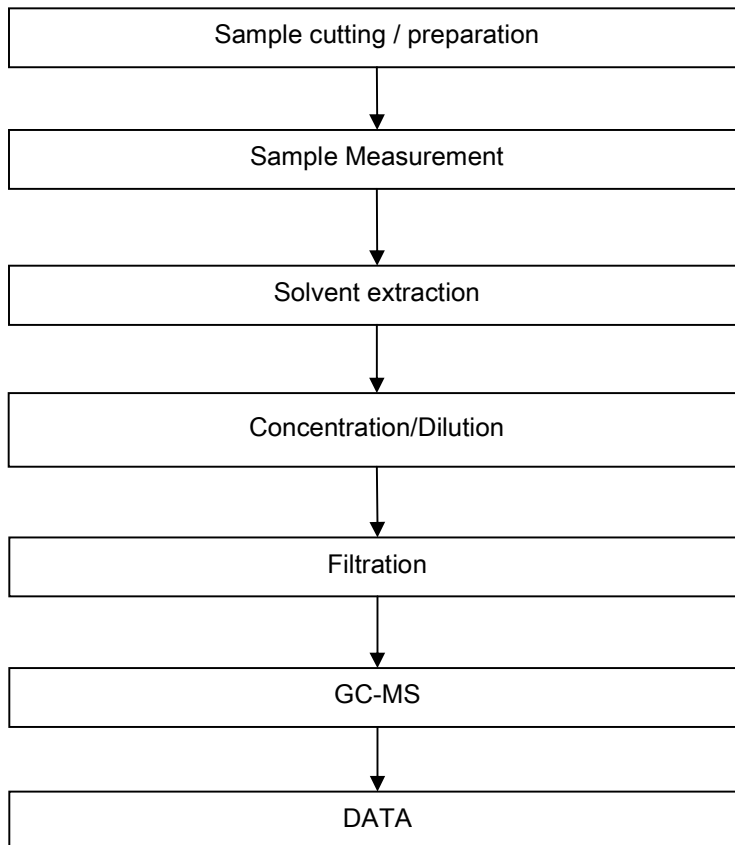
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ATTACHMENTS

PAHs Testing Flow Chart

- 1) Name of the person who made testing: Cutey Yu
- 2) Name of the person in charge of testing: Ryan Yang



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