

Test Report

No. CANEC1604835705

Date: 05 Apr 2016

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ZHANGZHOU YINMEI PRINTING INK CO.,LTD

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

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

SGS Job No. : CP16-016837 - GZ

Client Ref. Info. : SEE REMARK

Date of Sample Received : 28 Mar 2016

Testing Period : 28 Mar 2016 - 01 Apr 2016

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

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

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

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Zmguan

Zm guan
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN16-048357.003	Grey-green liquid

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Unit	MDL	003
Naphthalene(NAP)	91-20-3	mg/kg	0.1	ND
Acenaphthylene(ANY)	208-96-8	mg/kg	0.1	ND
Acenaphthene(ANA)	83-32-9	mg/kg	0.1	ND
Fluorene(FLU)	86-73-7	mg/kg	0.1	ND
Phenanthrene(PHE)	85-01-8	mg/kg	0.1	ND
Anthracene(ANT)	120-12-7	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	mg/kg	0.1	ND
Pyrene(PYR)	129-00-0	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	56-55-3	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	mg/kg	0.1	ND
Sum of 7 PAHs Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	-	mg/kg	-	ND



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Guangzhou Branch Testing Service Chemical Laboratory

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Test Item(s)

CAS NO.

Unit

MDL

003

Sum of 18 PAHs

-

mg/kg

-

ND

AfPS (German commission for Product Safety) : GS PAHs requirements

Parameter	Category 1	Category 2		Category 3	
	Material indented to be put in the mouth or toys with intended skin contact (longer than 30 s).	Materials not falling under category 1 with foreseeable contact to skin for longer than 30 s (long-term skin) or frequent contact.		Materials not falling under category 1 or 2 with foreseeable contact to skin for less than 30 s (short-term skin contact).	
		Toy under 2009/48/EC	Other products under ProdSG	Toy under 2009/48/EC	Other products under ProdSG
Benzo(a)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene Mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Acenaphthylene, Acenaphthene, fluorene, phenanthrene , pyrene, anthracene, fluoranthene, mg/kg	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene, mg/kg	< 1	< 2		< 10	
Sum of 18 PAHs	<1	< 5	< 10	< 20	< 50

Remark: The result(s) shown is/are of the total weight of wet sample.



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REMARK:

A001(AC/ACNP), A002(ACN), A003, A004(AD), A005(APA/APANP), A006(APAC), A007, A101(APE), A350(PU), A351(APU), A410(PET), A500(PS), A501, A505(PS), A506(PSF), A521(PSNP), A522(PSD), A523(PSA), A525(UV), A555, A580, A582, A599(UV), A616(TPR), A617(TAR), A618(TCR), A619(THR), A620(TPRA), A810(SAC), A811(SAD), A812(SANC), C001(SLF), C002(SCA), C003(SCC), C004, C125, C266, C350(TPU), C355(PU), C430, C435, C438, C505(PS), C560, C800, F111(FA), G001(VD), G002(VDN), G003(PV/PVA), G004(PVAN), G005(VHC/VCK), G006(VGA/VCC), G007, G008(VT), G009(VP/VPA), G010(VPVN), G011(WVD), G012, G014(UV), G016(VDP), G017(VDP), G018(G01), G019(VDH), G020(TOTM), G021(LFL), G022(ACV), G023(VDL), G024(CTV), G025(VC), G120, G121, G122(DPE), G123[(ZPEVA), DPE(F)], G124(HPE), G125, G126(HH), G127, G128, G129, G130(MPE), G131, G132(PPB), G133, G150(WPE), G270, G272, G275(OPP), G276, G330(KA), G350(VPU), G358, G430(PETN), G431(PET), G432(PB), G433(VRD), G435(WVHC), G436, G437, G439, G449, G505, G510(MMA), G520(VK), G521(PUF), G542(#42), G600(#28), G650(#52), G707(T), G708(PT), G709(PL), G810(VL), G904(#29), G905(#35), S001(SB), S002(SBC), S003(SBD), S004(SBN), S006(SS), S007(SSN), S008(SA), S009(SL), S010(PA/SPA), S011, S015(WSB), S018(WCS), S019(BL), S020, S266(SPP), S350(SPL), S351(SPLA), S352(SPLC), S353(SPLE), S354(SPY), S355(PU), S357, S358, S440(SRD), S444(SPET), S505, S560(PSC), S580, S650(RP), S651(EVA), S652(SEVA), S653(PLGS), S800(NC), S816, S818, S886(SGT), S888(SG), S901(#5), S902(#7), S903(#45)-Color:01100(110), 10200(102), 10400(104), 20000(200), 20010, 20300(203), 20380, 20600(206), 20610, 20700(207), 20900(209), 21000(210), 22000, 22240, 23000, 30000(300), 30100(301), 30200(302), 30300(303), 30380(3038), 30400(304), 30600(306), 30700(307), 30730(3073), 30740(3074), 30800(308), 30910, 30970, 30980, 31400(314), 31500(315), 40100(401), 40200(402), 40300(403), 40310, 40400(404), 40600(406), 40700(407), 40800(408), 449, 50000(500), 50100(501), 50200(502), 50300(Conductive black), 60100(601), 60200(602), 70100(701), 70200, 80100(801), 80105, 90100(901), 90200(902), 21310(131), 31330(133), 31340(134), 31580(158), 31590(159), 41480(148), 61400(140), 01200(2000), 01300(4000) mixture



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ATTACHMENTS

PAHs Testing Flow Chart

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

