

## Test Report

No. SHAEC2102923219

Date: 05 Mar 2021

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HANG ZHOU TOKA INK CO,LTD

NO.2,THE 5TH AVENUE(SOUTH),BAIYANG JIE DAO,HANGZHOU ECONOMIC&TECHNOLOGICAL DEVELOPMENT AREA

The following sample(s) was/were submitted and identified on behalf of the clients as : UV (BEST CURE) MIXTURE INKS

SGS Job No. : SP21-004147 - SH

Model No. : UV 161、UV VP、UV HY-BD、UV SUP、UV YQ15-NT、UV YQ69-NT、UV LHP、UV NEW HZ、UV HZ、UV L CARTON、UV LS、UV NH、UV NH (H)、UV KFI、UV 171、UV CS、UV RNC、UV NVR、UV BF、UV PFP-NT、UV PANTONE、UV G-PACK、UV TPU01、UV SF、UV DT、UV KY、  
UV HF、UV NHF、UV NHF-LED、UV NT、UV CHP、UV BG、UV QYS-NT、UV KTP、UV DG、UV HC、UV NEW HF、UV HL、UV HJ、UV YL-NT、UV ASP、UV NT (XY)、UV GCP、UV SJ、UV HN-DZ、UV WL、UV INCARD、UV SCREEN、UV K-HS、UV OFS、UV LED、UV 161-LED、UV LES、UV TS、  
YT UV INK、UV CHD、UV ZH、UV SOYA、UV VNL、UV HT、UV FLEXO、UV YUNNAN BAIYAO、UV LeCard、UV ART、UV LeCure、LED UV HK/90、UV GP、UV GP-LED、UV ART、UV H-PACK、UV IJ、UV LC-LED、UV TK/KW/NO.7 OPV、UV HJK、UV MATT OPV、UV EMBOSS、UV NYD、UV ST、  
UV HAKURI OP VARNISH、UV EMBOSS BASE/SURFACE、UV NO.1,NO.3、NO.5,NO.6 SILVER、UV RICH GOLD/UV PALE GOLD、UV NO.2 CONTEX、UV UP-2 OPV、UV INK DRYING AGENT、UV SLIP AGENT、UV LEVELING AGENT、UV ABRASION RESISTANCE ADDITIVE、UV MPS、  
UV FLUORESCENT INK、UV WEB、LC-LED WEB、UV U-CARD、MontAge α、MontAge α WEB、MontAge α、UV Biomass、The above series of products are mixed without black mixture。

Composition : INK

Date of Sample Received : 23 Feb 2021

Testing Period : 23 Feb 2021 - 26 Feb 2021

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).



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Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Sue Sheng

Sue Sheng  
Approved Signatory

scan to see the report



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA21-029232.005	Black ink

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 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	005
Benzo(a)pyrene(BaP)	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	mg/kg	0.1	ND
Chrysene(CHR)	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	mg/kg	0.1	ND
Phenanthrene(PHE)	mg/kg	0.1	ND
Pyrene(PYR)	mg/kg	0.1	ND
Anthracene(ANT)	mg/kg	0.1	ND
Fluoranthene(FLT)	mg/kg	0.1	ND
Naphthalene(NAP)	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF) and Benzo(j)fluoranthene(BjF)	mg/kg	0.1	ND
Cyclopenta[c,d]pyrene (CPP)	mg/kg	0.1	ND
Dibenzo[a,e]pyrene (Db(a,e)P )	mg/kg	0.1	ND
Dibenzo[a,h]pyrene (Db(a,h)P )	mg/kg	0.1	ND
Dibenzo[a,i]pyrene (Db(a,i)P )	mg/kg	0.1	ND
Dibenzo[a,l]pyrene (Db(a,l)P )	mg/kg	0.1	ND



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<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>005</u>
1-Methylnaphthalene (1-MNP)	mg/kg	0.1	ND
1-Methylpyrene (1-MP)	mg/kg	0.1	ND
2-Methylnaphthalene (2-MNP)	mg/kg	0.1	ND
5-Methylchrysene (5-MC)	mg/kg	0.1	ND

The result is reported based on the sample after drying for 18 hours in oven.



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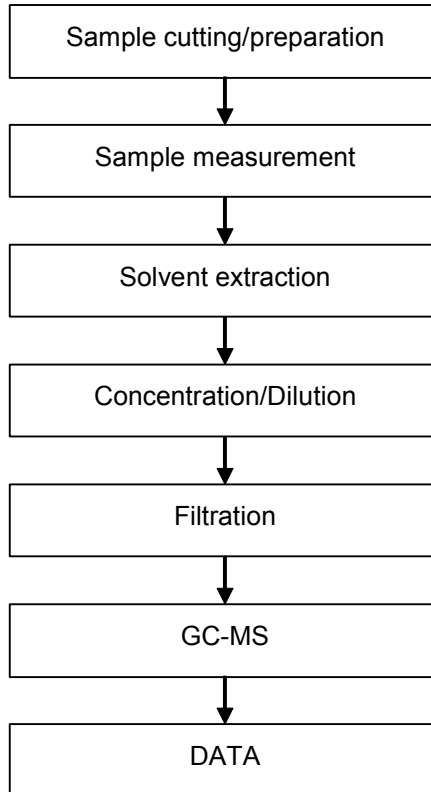
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ATTACHMENTS

PAHs Testing Flow Chart



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Sample photo:



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