

## Test Report

No. CANEC1805085712

Date: 20 Apr 2018

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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. : CP18-013721 - GZ  
Model No. : G004  
Lot No. : 20180116-2  
Client Ref. Info. : Color:01100, 10200, 20301, 21000, 30010, 30302H, 30731, 31580, 40100,  
40800, 4097, 50000 mixture  
Date of Sample Received : 26 Mar 2018  
Testing Period : 26 Mar 2018 - 09 Apr 2018  
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

*Violet Shi*

Violet,Shi  
Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Testing Center Chemical Laboratory.

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Test Results :

## Test Part Description :

| Specimen No. | SGS Sample ID    | Description |
|--------------|------------------|-------------|
| SN1          | CAN18-050857.002 | 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 2014:01 PAK, analysis was performed by GC-MS.

| Test Item(s)                                                                                         | CAS NO.  | Unit  | MDL | 002 |
|------------------------------------------------------------------------------------------------------|----------|-------|-----|-----|
| 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  |



SGS-CSTC (Guangzhou) Testing Center Chemical Laboratory

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Test Item(s)

CAS NO.

Unit

MDL

002

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                        |

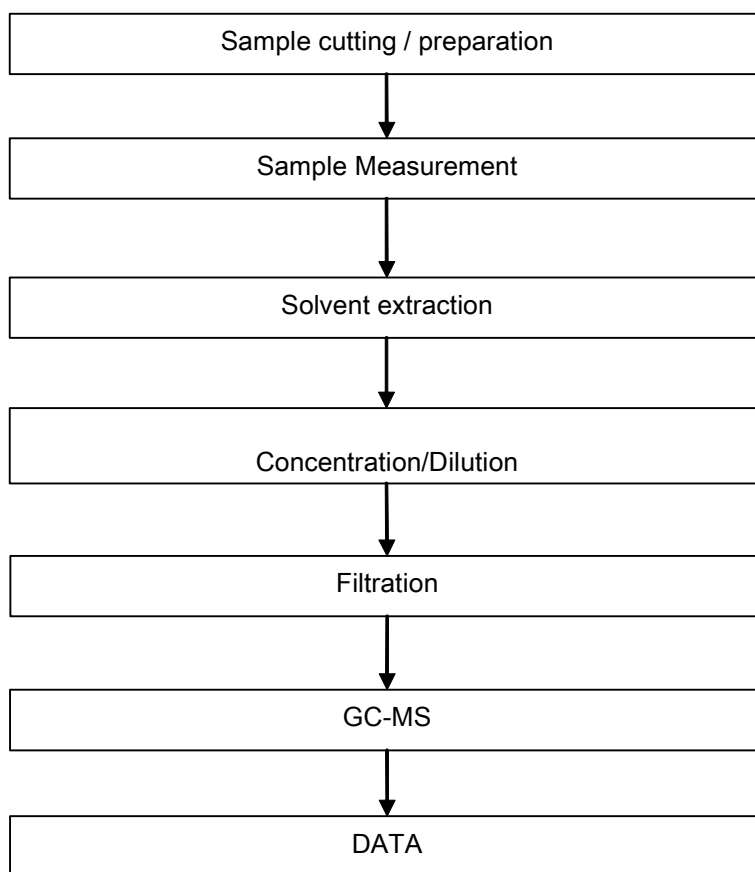
Remark: The result(s) shown is/are of the total weight of wet sample.



## ATTACHMENTS

### PAHs Testing Flow Chart

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





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Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*