

Test Report

No. CANEC1925966205

Date: 03 Jan 2020

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GUANGDONG JIA JING TECHNOLOGY INC. CO.,LTD

NO 9, JINGYE ROAD, SHIBU LIAOBU TOWN, DONGGUAN CITY, GUANGDONG PROVINCE

The following sample(s) was/were submitted and identified on behalf of the clients as : Water-based ink(mixture)

SGS Job No. : CP19-068639 - SZ
Client Ref. Info. : Please see remark
Date of Sample Received : 27 Dec 2019
Testing Period : 27 Dec 2019 - 03 Jan 2020
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

Jessie Li

Jessie Li
Approved Signatory



Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN19-259662.001	Black liquid

Remarks :

- (1) 1 mg/kg = 1 ppm = 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)	CAS NO.	Unit	MDL	001
Naphthalene(NAP)	91-20-3	mg/kg	0.1	0.3
Phenanthrene(PHE)	85-01-8	mg/kg	0.1	0.5
Anthracene(ANT)	120-12-7	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	mg/kg	0.1	2.0
Pyrene(PYR)	129-00-0	mg/kg	0.1	7.1
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	0.2
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.1	0.2
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	mg/kg	0.1	0.2
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	0.6
Sum of 4 PAHs (Phenanthrene, Pyrene, Anthracene, Fluoranthene)	-	mg/kg	-	9.6
Sum of 15 PAHs	-	mg/kg	-	11.1



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

Parameter	Category 1	Category 2		Category 3	
	Materials intended to be put in the mouth or materials in toys in accordance with RL 2009/48/EC or materials in articles for use by children up to three years of age with long-term skin contact (longer than 30s)	Materials that are not in Cat. 1 fall, with long-term skin contact (longer than 30s) or repeated short-term skin contact with intended or foreseeable use		Materials that are not in Cat. 1 or 2, with short-term Skin contact (up to 30s) with intended or foreseeable use	
		Use by Children (<14 years) includes both active and passive direct contact	Other Consumer Products	Use by Children (<14 years) includes both active and passive direct contact	Other Consumer Products
Benzo(a)pyrene (BaP) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene (BeP) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene (BaA) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene (BbF) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene (BjF) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene (BkF) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene (CHR) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene (DBA) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene (BPE) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene (IPY) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Phenanthrene (PHE), pyrene (PYR), anthracene (ANT), fluoranthene (FLT), mg/kg	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene (NAP) mg/kg	< 1	< 2		< 10	
Sum of 15 PAHs	< 1	< 5	< 10	< 20	< 50

Remark:

The German committee on Product Safety (AfPS) adopted a new PAHs document on August 4, 2014, which is taken into account by the GS certification bodies for the certification process of the GS mark now. The transitional arrangements and deadlines contained therein shall determine the procedure for existing certificates and new certificates; also, there are exceptions. The previously valid PAK-document (AfPS GS 2014:01 PAK, German version) will be replaced after 30 June 2020.



Remark:

Ingredient is as follows,mixture:

WF Series

- (1)PHB080 Blue; (2)WFB502 Blue; (3)WFG601 Green; (4)WFH802 Black;
- (5)WFH804 Black; (6)WFH805 Black; (7)WFH803 Black; (8)WFY306 Orange;
- (9)WFR403 Red; (10)WFR404 Red; (11)WFR405 Red; (12)WFR409; (13)WFR406 Red;
- (14)WFR420 Red; (15)WFT102; (16)WFT103; (17)WV701 Red;
- (18)WV703 Violet; (19)PHW202T White; (20)WFW205 White; (21)WFW204 White;
- (22) PHY301 Yellow; (23)WFY302 Yellow;

PH Series

- (1)PHH801 Black; (2)PHW201 White; (3)PHW203 White; (4)PHY302 Yellow;
- (5)PHY303 Yellow; (6)PHY304 Yellow; (7)PHY305 Yellow; (8)PHY306 Orange;
- (9)PHR401 Orange; (10)PHR403 Red; (11)PHR407 Red; (12)PHR410 Red;
- (13)PHR411 Red; (14)PHR412 Red; (15)PHR415 Red; (16)PHR416 Red;
- (17)PHR417 Red; (18)PHR419 Red; (19)PHR420 Red; (20)PHB502 Blue;
- (21)PHB504 Blue; (22)PHG601 Green; (23)PHV705 Violet; (24)PHV706 Violet;

WZ Series

- (1)WZR48 Red; (2)WZR146 Red; (3)WZR403 Red; (4)WZR411 Red;
- (5)WZR416 Red; (6)WZB502 Blue; (7)WZY302 Yellow; (8)WZY303 Yellow;
- (9)WZF306 Orange; (10)WZW201 White; (11)WZW202 White; (12)WZH-804 Black;
- (13)WZG601 Green; (14)WZV705 Violet;

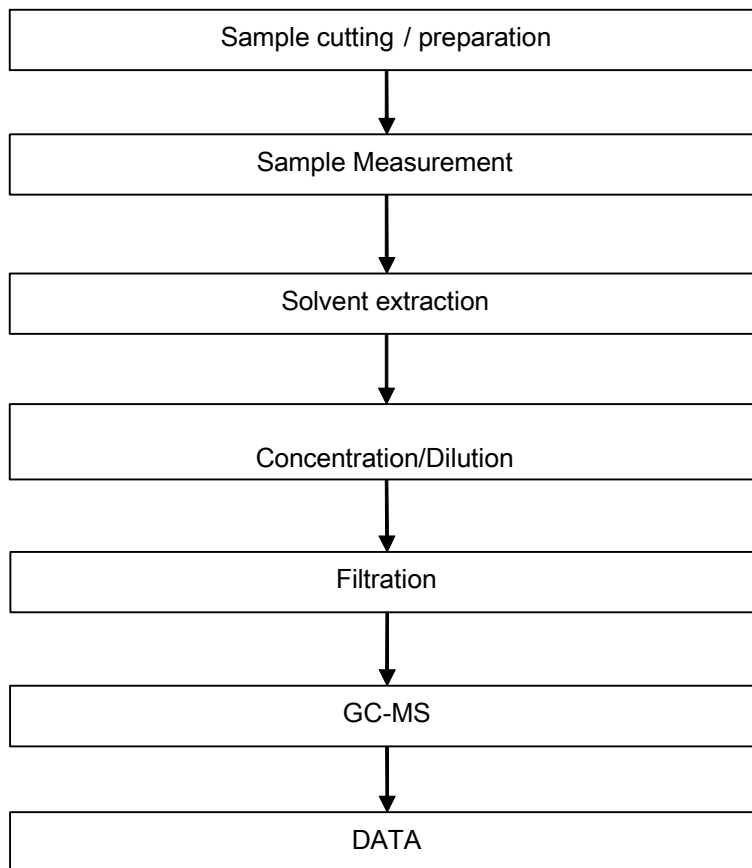
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ATTACHMENTS

PAHs Testing Flow Chart



Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***