

No. CANEC1925966207

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

Jessieli

Jessie Li Approved Signatory



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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

#### Phthalate

Test Method : With reference to EN14372: 2004. Analysis was performed by GC-MS.

<u>Test Item(s)</u>	CAS NO.	<u>Unit</u>	MDL	<u>001</u>
Dibutyl Phthalate (DBP)	84-74-2	%(w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	%(w/w)	0.003	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	%(w/w)	0.003	ND
Diisononyl Phthalate (DINP)	28553-12-0 /	%(w/w)	0.010	ND
	68515-48-0			
Di-n-octyl Phthalate (DNOP)	117-84-0	%(w/w)	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /	%(w/w)	0.010	ND
	68515-49-1			
Dimethyl Phthalate (DMP)	131-11-3	%(w/w)	0.003	ND
Diethyl Phthalate (DEP)	84-66-2	%(w/w)	0.003	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%(w/w)	0.003	ND
Dinonyl Phthalate (DNP)	84-76-4	%(w/w)	0.003	ND
Diisooctyl Phthalate (DIOP)	27554-26-3	%(w/w)	0.010	ND
Dipropyl Phthalate (DPrP)	131-16-8	%(w/w)	0.003	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	%(w/w)	0.003	ND
Dipentyl Phthalates (DPENP/DnPP)	131-18-0	%(w/w)	0.003	ND
Dibenzyl Phthalate (DBzP)	523-31-9	%(w/w)	0.003	ND
Diphenyl Phthalate (DPhP)	84-62-8	%(w/w)	0.003	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	%(w/w)	0.003	ND

Notes :

(1) DBP,BBP,DEHP, DIBP Reference information: Entry 51 of Regulation (EU) No2018/2005 amending



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Annex XVII of REACH Regulation (EC) No 1907/2006:

i) Shall not be used as substances or in mixtures, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material, in toys and childcare articles.

ii) Shall not be placed on the market in toys or childcare articles, individually or in any combination of DBP, BBP, DEHP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material. In addition, DIBP shall not be placed on the market after 7 July 2020 in toys or childcare articles, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material.

iii) shall not be placed on the market after 7 July 2020 in articles, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material in the articles.

Please refer to Regulation (EU) No 2018/2005 to get more detail information.

(2) DINP, DNOP, DIDP Reference information: Entry 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).
i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.

ii) Such toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.

Please refer to Regulation (EC) No 552/2009 to get more detail information.



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Remark:

Ingredient is as fallows, 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)WFV701 Red;

(18)WFV703 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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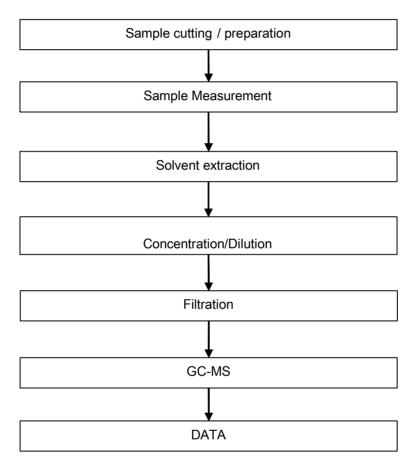
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**ATTACHMENTS** 

Phthalates Testing Flow Chart





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