Test Report (CHCC)

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 :	Please refer to next page(s).
Test Requested :	As requested by client, screening test against the substances as contaminants is performed according to: - Eight-five (85) substances in the Chemical of High Concern to Children (CHCC) list amended on September 29, 2017 published in Chapter 173-334 Washington Administrative Code (WAC) Children's Safe Products – Reporting Rule.
Test Results :	Please refer to next page(s).

Summary :

According to the specified scope and analytical techniques, CHCC as contaminant(s) with concentration > 100ppm detected in the following material group(s) of the submitted sample: Specimen 002	WARNING

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

Violet,Shi
Approved Signatory

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

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Remark :

1.In accordance with Chapter 173-334-080 WAC Children's Safe Product Act – Reporting Rule, each chemical on the CHCC list that is a contaminant present in a product component must be reported at any concentration above 100 ppm. The notice requirement for CHCC will be phased in as provided in the schedule set out in subsection (2) of WAC 173-334-110. http://app.leg.wa.gov/WAC/default.aspx?cite=173-334-110(Schedule of notice requirement)

2.For a CHCC that is intentionally added to the product component, client is suggested to identify the exact concentration of the CHCC at practical quantification limit (PQL) by requesting quantitative analysis from the laboratory. http://www.ecy.wa.gov/programs/hwtr/rtt/cspa/pdf/cspaguide_pql.pdf (Reporting Guidance – Practical Quantification Limits (PQLs))

3.The chemical analysis of CHCC is performed by means of currently available analytical techniques against the CHCC list amended on September 29, 2017. The list is evaluated by Department of Ecology and may subject to change in the future. http://www.ecy.wa.gov/programs/hwtr/RTT/cspa/chcc.html (Reporting List of CHCC)

4.Test results in this report are based on the tested sample.

Test Sample :

Sample Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN18-050857.002	Black ink

Test Method :

SGS In-House method - GZTC CHEM-TOP-242-01 & GZTC CHEM-TOP-242-02,Analyzed by Inductively Coupled Plasma – Optical Emission Spectrometry (ICP-OES), Gas Chromatography – Mass Spectrometry (GC-MS), High Performance Liquid Chromatography – Diode Array Detector – Mass Spectrometry (HPLC-DAD-MS).

Test Result: (Substances in the reporting list of CHCC)

No.	Substance Name	CAS No.	002 Concentration (mg/kg)	RL (mg/kg)
09	Methyl ethyl ketone	78-93-3	393442	30
28	Ethylbenzene	100-41-4	36	30
34	Toluene	108-88-3	81	30
-	Other tested CHCC in list	-	ND	30
-	Comment	-		-

Notes :

1.Unit: parts per million (ppm) = mg/kg
2.Regulatory limit: 100 ppm for each CHCC as contaminant
3.RL = Reporting limit
4.ND = Not Detected (lower than reporting limit).
5.Please refer to sample breakdown list for the detailed description of material group.
6.▼The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario. The client is advised to review the chemical formulation to ascertain above metal substances present in the article.
RL = 30ppm is evaluated for element (i.e. mercury, molybdenum, antimony, arsenic, cadmium, cobalt respectively).
7. The result(s) shown is/are of the total weight of wet sample.

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Appendix:

Full list of tested CHCC:

No.	Substance Name	CAS No.	No.	Substance Name	CAS No.
1	Formaldehyde	50-00-0	24	2-Aminotoluene	95-53-4
2	Aniline	62-53-3	25	2,4-Diaminotoluene	95-80-7
3	N-Nitrosodimethylamine	62-75-9	26	Methyl paraben	99-76-3
4	Benzene	71-43-2	27	4-Hydroxybenzoic acid	99-96-7
5	Vinyl chloride	75-01-4	28	Ethylbenzene	100-41-4
6	Acetaldehyde	75-07-0	29	Styrene	100-42-5
7	Methylene chloride	75-09-2	30	4-Nonylphenol	104-40-5
8	Carbon disulfide	75-15-0	31	4-Chloroaniline	106-47-8
9	Methyl ethyl ketone	78-93-3	32	Acrylonitrile	107-13-1
10	1,1,2,2-Tetrachloroethane	79-34-5	33	Ethylene glycol	107-21-1
11	Tetrabromobisphenol A	79-94-7	34	Toluene	108-88-3
12	Bisphenol A	80-05-7	35	Phenol	108-95-2
13	Bisphenol S	80-09-1	36	2-Methoxyethanol	109-86-4
14	Dicyclohexyl phthalate	85-61-7	37	Ethylene glycol monoethyl ether	110-80-5
15	Diethyl phthalate	84-66-2	38	Triphenyl phosphate	115-86-6
16	Diisobutyl phthalate	84-69-5	39	Tris(2-chloroethyl) phosphate	115-96-8
17	Di-n-butyl phthalate	84-74-2	40	Di-(2-ethylhexyl) phthalate	117-81-7
18	Di-n-hexyl phthalate	84-75-3	41	Di-(2-methoxyethyl) phthalate	117-82-8
19	Butyl benzyl phthalate	85-68-7	42	Di-n-octyl phthalate	117-84-0
20	N-Nitrosodiphenylamine	86-30-6	43	Hexachlorobenzene	118-74-1
21	Hexachlorobutadiene	87-68-3	44	3,3´-Dimethylbenzidine and Dyes Metabolized to 3,3´-Dimethylbenzidine	119-93-7
22	Propyl paraben	94-13-3	45	Ethyl paraben	120-47-8
23	Butyl paraben	94-26-8	46	1,4-Dioxane	123-91-1

No.	Substance Name	CAS No.	No.	Substance Name	CAS No.
47	Tris (2,3-dibromopropyl) phosphate	126-72-7	67	Antimony & antimony compounds▼	7440-36-0
48	Tri-n-butyl phosphate	126-73-8	68	Arsenic & arsenic compounds including arsenic trioxide (1327-53-3) & dimethyl arsenic (75-60-5)▼	7440-38-2
49	Tetrachloroethene	127-18-4	69	Cadmium & cadmium compounds▼	7440-43-9
50	Dipentyl phthalate	131-18-0	70	Cobalt & cobalt compounds▼	7440-48-4
51	Benzophenone-2	131-55-5	71	Tris (1-chloro-2-propyl) phosphate	13674-84-5
52	4-Octylphenol	140-66-9	72	Tris(1,3-dichloro-2-propyl)phosphate	13674-87-8
53	Estragole	140-67-0	73	Butylated hydroxyanisole	25013-16-5
54	2-Ethylhexanoic Acid	149-57-5	74	Nonyl phenol	25154-52-3
55	Perfluorooctanoic acid (PFOA) and related substances	335-67-1	75	Hexabromocyclododecane	25637-99-4
56	Pentachlorobenzene	608-93-5	76	Bis (2-ethylhexyl) tetrabromophthalate	26040-51-7
57	Bisphenol F	620-92-8	77	Diisodecyl phthalate	26761-40-0
58	C.I. Solvent Yellow 14	842-07-9	78	Diisononyl phthalate	28553-12-0
59	N-Methylpyrrolidone	872-50-4	79	Bis(chloromethyl)propane-1,3-diyl tetrakis-(2-chloroethyl) bis(phosphate)	38051-10-4
60	Decabromodiphenyl ether	1163-19-5	80	Isopropylated triphenyl phosphate	68937-41-7
61	Ethylhexyl diphenyl phosphate	1241-94-7	81	4-Nonyl phenol branched	84852-15-3
62	Tricresyl phosphate	1330-78-5	82	Decabromodiphenyl ethane	84852-53-9
63	Perfluorooctane sulfonic acid and its salts	1763-23-1	83	Short-chain chlorinated paraffins (SCCP)	85535-84-8
64	4-Octylphenol	1806-26-4	84	Chlorinated paraffins	108171-26-2
65	2-Ethyl-hexyl-4-methoxycinnamate	5466-77-3	85	2-ethylhexyl-2,3,4,5-tetrabromobenzoate	183658-27-7
66	Mercury & mercury compounds including methyl mercury (22967-92-6)▼	7439-97-6	/	/	/