

# Test Report

**Report No.** A2170070243101002R1

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**Applicant** DONGGUAN IN MEI COATING CO., LTD

**Address** TIANXIN AREA, HUANGJIANG TOWN, DONGGUAN CITY, GUANGDONG PROVINCE

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client**

**Sample Name** INK

**Sample Received Date** Dec. 25, 2017

**Testing Period** Dec. 25, 2017 to Dec. 29, 2017

**Test Requested** As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP) in the submitted sample(s).

**Test Method** Please refer to the following page(s).

**Test Result(s)** Please refer to the following page(s).



*Pei Zheng*

Will Zheng  
Technical Manager

Certification Co., Ltd.

**Reviewed By**

*Danna Yan*

**Date**

Jan. 4, 2018

No. R158924302

CTI Building, No.4, Liuxian 3rd road, Xin'an Street, Bao'an District, Shenzhen, P.R.China

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Part No.

A001(AC/ACNP)、A002 (ACN)、A003、A004 (AD)、A005 (APA/APANP)、A006 (APAC)、  
A007、A101 (APE)、A350 (PU)、A351 (APU)、A410 (PET)、A500 (PS)、A501、A505 (PS)、  
A506 (PSF)、A521 (PSNP)、A522 (PSD)、A523 (PSA)、A525 (UV)、A528、A555、A580、  
A582、A599 (UV)、A616 (TPR)、A617 (TAR)、A618 (TCR)、A619 (THR)、A620 (TPRA)、  
A810 (SAC)、A811 (SAD)、A812 (SANC)、C001 (SLF)、C002 (SCA)、C003 (SCC)、C004、  
C125、C266、C350 (TPU)、C355 (PU)、C430、C435、C438、C505 (PS)、C560、C800、F111 (FA)、  
G001 (VD)、G002 (VDN)、G003 (PV/PVA)、G004 (PVAN)、G005 (VHC/VCK)、G006 (VGA/VCC)、  
G007、G008 (VT)、G009 (VP/VPA)、G010 (VPVN)、G011 (WVD)、G012、G013、G014 (UV)、  
G016 (VDP)、G017 (VDP)、G018 (G01)、G019 (VDH)、G020 (TOTM)、G021 (LFL)、G022 (ACV)、  
G023 (VDL)、G024 (CTV)、G025 (VC)、G120、G121、G122 (DPE)、G123[ (ZPEVA)、DPE (F) ],  
G124 (HPE)、G125、G126 (HH)、G127、G128、G129、G130 (MPE)、G131、G132 (PPB)、G133、  
G150 (WPE)、G270、G272、G275 (OPP)、G276、G330 (KA)、G350 (VPU)、G358、G430 (PETN)、  
G431 (PET)、G432 (PB)、G433 (VRD)、G435 (WVHC)、G436、G437、G439、G449、G505、  
G510 (MMA)、G520 (VK)、G521 (PUF)、G542 (#42)、G600 (#28)、G650 (#52)、G707 (T)、  
G708 (PT)、G709 (PL)、G810 (VL)、G904 (#29)、G905 (#35)、S001 (SB)、S002 (SBC)、  
S003 (SBD)、S004 (SBN)、S006 (SS)、S007 (SSN)、S008 (SA)、S009 (SL)、S010 (PA/SPA)、  
S011、S015 (WSB)、S018 (WCS)、S019 (BL)、S020、S266 (SPP)、S350 (SPL)、S351 (SPLA)、  
S352 (SPLC)、S353 (SPLE)、S354 (SPY)、S355 (PU)、S357、S358、S440 (SRD)、S444 (SPET)、  
S505、S560 (PSC)、S580、S650 (RP)、S651 (EVA)、S652 (SEVA)、S653 (PLGS)、S800 (NC)、  
S816、S818、S886 (SGT)、S888 (SG)、S901 (#5)、S902 (#7)、S903 (#45)

Color

01100 (110)、10200 (102)、10400 (104)、20000 (200)、20010、20300 (203)、20380、20600 (206)、20610、  
20700 (207)、20900 (209)、21000 (210)、22000、22240、23000、30000 (300)、30100 (301)、30200 (302)、  
30300 (303)、30380 (3038)、30400 (304)、30600 (306)、30700 (307)、30730 (3073)、30740 (3074)、  
30800 (308)、30910、30970、30980、31400 (314)、31500 (315)、40100 (401)、40200 (402)、40300 (403)、  
40310、40400 (404)、40600 (406)、40700 (407)、40800 (408)、449、50000 (500)、50100 (501)、50200 (502)、  
50300 (Conductive.black)、60100 (601)、60200 (602)、70100 (701)、70200、80100 (801)、80105、90100 (901)、  
90200 (902)、21310 (131)、31330 (133)、31340 (134)、31580 (158)、31590 (159)、41480 (148)、61400 (140)、  
01200 (2000)、01300 (4000)

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## Test Method

| Test Item(s)                           | Test Method                                                                          | Measured Equipment(s) |
|----------------------------------------|--------------------------------------------------------------------------------------|-----------------------|
| Lead(Pb)                               | IEC 62321-5:2013 Ed.1.0                                                              | ICP-OES               |
| Cadmium(Cd)                            | IEC 62321-5:2013 Ed.1.0                                                              | ICP-OES               |
| Mercury(Hg)                            | IEC 62321-4:2013 Ed.1.0                                                              | ICP-OES               |
| Hexavalent Chromium(Cr(VI))            | IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013 Ed.1.0 | UV-Vis/ICP-OES        |
| Polybrominated Biphenyls(PBBs)         | IEC 62321-6:2015 Ed 1.0                                                              | GC-MS                 |
| Polybrominated Diphenyl Ethers (PBDEs) | IEC 62321-6:2015 Ed 1.0                                                              | GC-MS                 |
| Phthalates (DBP, BBP, DEHP, DIBP)      | IEC 62321-8:2017                                                                     | GC-MS                 |

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## Test Result(s)

| Tested Item(s)                                | Result | MDL     |
|-----------------------------------------------|--------|---------|
| Lead(Pb)                                      | N.D.   | 2 mg/kg |
| Cadmium(Cd)                                   | N.D.   | 2 mg/kg |
| Mercury(Hg)                                   | N.D.   | 2 mg/kg |
| Hexavalent Chromium(Cr(VI))                   | N.D.   | 8 mg/kg |
| Tested Item(s)                                | Result | MDL     |
| <b>Polybrominated Biphenyls(PBBs)</b>         |        |         |
| Monobromobiphenyl                             | N.D.   | 5 mg/kg |
| Dibromobiphenyl                               | N.D.   | 5 mg/kg |
| Tribromobiphenyl                              | N.D.   | 5 mg/kg |
| Tetrabromobiphenyl                            | N.D.   | 5 mg/kg |
| Pentabromobiphenyl                            | N.D.   | 5 mg/kg |
| Hexabromobiphenyl                             | N.D.   | 5 mg/kg |
| Heptabromobiphenyl                            | N.D.   | 5 mg/kg |
| Octabromobiphenyl                             | N.D.   | 5 mg/kg |
| Nonabromobiphenyl                             | N.D.   | 5 mg/kg |
| Decabromobiphenyl                             | N.D.   | 5 mg/kg |
| Tested Item(s)                                | Result | MDL     |
| <b>Polybrominated Diphenyl Ethers (PBDEs)</b> |        |         |
| Monobromodiphenyl ether                       | N.D.   | 5 mg/kg |
| Dibromodiphenyl ether                         | N.D.   | 5 mg/kg |
| Tribromodiphenyl ether                        | N.D.   | 5 mg/kg |
| Tetrabromodiphenyl ether                      | N.D.   | 5 mg/kg |
| Pentabromodiphenyl ether                      | N.D.   | 5 mg/kg |
| Hexabromodiphenyl ether                       | N.D.   | 5 mg/kg |
| Heptabromodiphenyl ether                      | N.D.   | 5 mg/kg |
| Octabromodiphenyl ether                       | N.D.   | 5 mg/kg |
| Nonabromodiphenyl ether                       | N.D.   | 5 mg/kg |
| Decabromodiphenyl ether                       | N.D.   | 5 mg/kg |

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**Test Result(s)**

| Tested Item(s)                                     | Result | MDL      |
|----------------------------------------------------|--------|----------|
| <b>Phthalates (DBP, BBP, DEHP, DIBP)</b>           |        |          |
| Dibutyl phthalate(DBP)<br>CAS#:84-74-2             | N.D.   | 50 mg/kg |
| Butyl benzyl phthalate(BBP)<br>CAS#:85-68-7        | N.D.   | 50 mg/kg |
| Di-(2-ethylhexyl) phthalate(DEHP)<br>CAS#:117-81-7 | N.D.   | 50 mg/kg |
| Diisobutyl phthalate(DIBP)<br>CAS#:84-69-5         | N.D.   | 50 mg/kg |

**Tested Sample/Part Description** Gray ink

**Remark:** The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL )

-mg/kg = ppm = parts per million

**Note:** This testing report displaces the original report of No. A2170070243101002 and the original one No. A2170070243101002 was invalid since the date of this testing report released.