

Test Report

No.: SHAEC25002804207

Date: Feb 25, 2025

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Client Name: HANG ZHOU TOKA INK CO,LTD

Client Address: NO.2,THE 5TH AVENUE(SOUTH),BAIYANG JIE DAO,HANGZHOU
ECONOMIC&TECHNOLOGICAL DEVELOPMENT AREA

Sample Name: UV (BEST CURE) MIXTURE INKS

Client Ref. Information: UV 161、UV VP、UV HY-BD、UV SUP、UV YQ15-NT、UV YQ69-NT、UV LHP、UV NEW HZ、UV HZ、UV L CARTON、UV LS、UV NH、UV NH (H)、UV KFI、UV 171、UV CS、UV RNC、UV NVR、UV BF、UV PFP-NT、UV PANTONE、UV G-PACK、UV TPU01、UV SF、UV DT、UV KY、UV HF、UV NHF、UV NHF-LED、UV NT、UV CHP、UV BG、UV QYS-NT、UV KTP、UV DG、UV HC、UV NEW HF、UV HL、UV HJ、UV YL-NT、UV ASP、UV NT (XY)、UV GCP、UV SJ、UV HN-DZ、UV WL、UV INCARD、UV SCREEN、UV K-HS、UV OFS、UV LED、UV 161-LED、UV LES、UV TS、YT UV INK、UV CHD、UV ZH、UV SOYA、UV VNL、UV HT、UV FLEXO、UV YUNNAN BAIYAO、UV LeCard、UV ART、UV LeCure、LED UV HK/90、UV GP、UV GP-LED、UV ART、UV H-PACK、UV IJ、UV LC-LED、UV TK/KW/NO.7 OPV、UV HJK、UV MATT OPV、UV EMBOSS、UV NYD、UV ST、UV HAKURI OP VARNISH、UV EMBOSS BASE/SURFACE、UV NO.1,NO.3, NO.5,NO.6 SILVER、UV RICH GOLD/UV PALE GOLD、UV NO.2 CONTEX、UV UP-2 OPV、UV INKDRYINGAGENT、UV SLIPAGENT、UV LEVELINGAGENT、UV ABRASION RESISTANCE ADDITIVE、UV MPS、UV FLUORESCENT INK、UV WEB、UV LC-LED WEB、UV U-CARD、MontAge α、MontAge α WEB、MontAge α Melamine、UV Biomass、UV LC-LED RP、UV TP-LED、UV SWP、LED UV TIGER、UV DL-LED、UV HN-LED、UV HK、UV Label、UV LG LED、UV LEDTEK、LeCure ST、UV U-Card、UV TP-LED、UV HHC S、UV TK、UV P-STD、UV PL、UV DL、UV DL-LED、UV SWP、UV JC、UV TS、UV Label、UV HA、UV Galax、UV Galax(EU)、UV OFS K-HS、LED UV PRO(EU)、UV HC-LED、UV VNL-LEC、UV HT-DL、UV HT-YQ15。

The above sample(s) and information were provided by the client.

SGS Job No.: SHP25-003597

Sample Receiving Date: Feb 17, 2025

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.Lilac Wei 魏文凤
Approved Signatory

Scan to see the report



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This report is English version of SHAEC25002804208.

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Testing Period: Feb 17, 2025 ~ Feb 24, 2025
 Test Requested: Select test(s) as requested by the client.
 Test Method(s): Please refer to next page(s).
 Test Result(s): Please refer to next page(s).

Summary:

US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) - Total Lead, Cadmium, Mercury and Hexavalent Chromium content	Pass
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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SHA25-0028042-0001.C001	Black ink

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-“ = Not Regulated

US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) - Total Lead, Cadmium, Mercury and Hexavalent Chromium content

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013 and IEC 62321-7-2:2017, analysis was performed by ICP-OES and UV-Vis.

Test Item(s)	Limit	Unit(s)	MDL	A1
Cadmium(Cd)	-	mg/kg	5	ND
Lead(Pb)	-	mg/kg	5	ND
Mercury (Hg)	-	mg/kg	5	ND
Hexavalent Chromium (Cr(VI))	-	mg/kg	8	ND
Total (Cd+ Pb + Hg + CrVI)	100	mg/kg	-	ND
Conclusion				Pass

Notes:

The TPCH legislation for total lead, cadmium, mercury and hexavalent chromium Cr(VI) has been enacted by California, Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Maryland, Minnesota, Missouri, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, Washington and Wisconsin.

The result is reported based on the sample after drying for 18 hours in oven.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



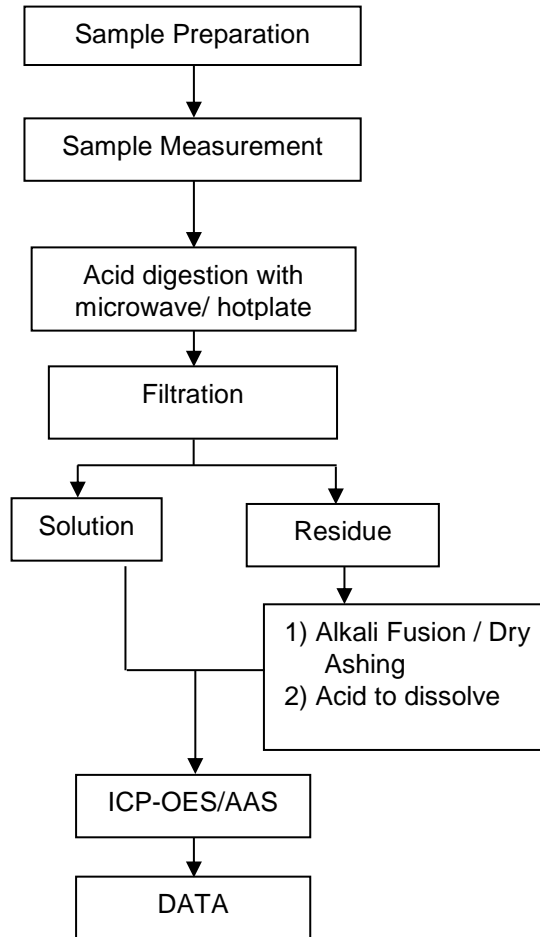
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Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.

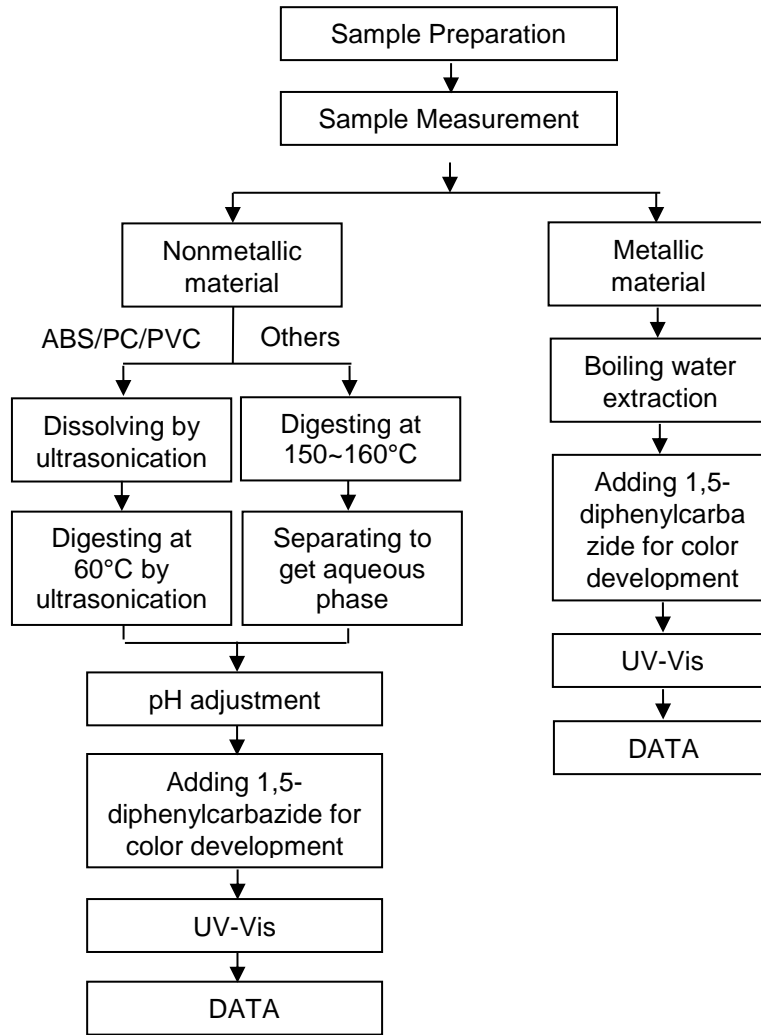


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Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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Sample Photo:



SGS authenticate the photo on original report only
*** End of Report ***

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