

Test Report

No. : CE/2011/21237

Date : 2011/02/17

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PANCOLOUR INK CO., LTD.

NO. 12, WENMING 3RD ST., GUEISHAN SHIANG, TAOYUAN, TAIWAN, R. O. C.



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

Sample Description : UV CURABLE OFFSET INK
 Style/Item No. : FQ-200, FQ-201, FQ-202, FQ-301, FQ-302, FQ-306, FQ-401-, FQ-403, FQ-4083, FQ-501, FQ-502, FQ-503, FQ-601, LI-003, LI-006, LI-008, LI-100, LI-101, LI-102, LI-103, LI-104, LI-105, LI-200, LI-201, LI-202, LI-300 (HH), LI-301, LI-302, LI-306, LI-400 (HH), LI-401, LI-403, LI-4082, LI-501, LI-502, LI-503, LI-601, LI-A005, KFI-100, KFI-200
 Sample Receiving Date : 2011/02/11
 Testing Period : 2011/02/11 TO 2011/02/17

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : With reference to IEC 62321: 2008
 Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.
 (1) Determination of Cadmium by ICP-AES.
 (2) Determination of Lead by ICP-AES.
 (3) Determination of Mercury by ICP-AES.
 (4) Determination of Hexavalent Chromium by UV/Vis Spectrometry.
 (5) Determination of PBB and PBDE by GC/MS.

Test Result(s) : Please refer to next page(s).


 Chenyu Kung / Operation Manager
 Signed for and on behalf of
 SGS TAIWAN LTD.
 Chemical Laboratory – Taipei

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Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method (Refer to)	Result	MDL
		No.1	
Cadmium (Cd)	(1)	n.d.	2
Lead (Pb)	(2)	n.d.	2
Mercury (Hg)	(3)	n.d.	2
Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	2
Sum of PBBs	(5)	n.d.	-
Monobromobiphenyl		n.d.	5
Dibromobiphenyl		n.d.	5
Tribromobiphenyl		n.d.	5
Tetrabromobiphenyl		n.d.	5
Pentabromobiphenyl		n.d.	5
Hexabromobiphenyl		n.d.	5
Heptabromobiphenyl		n.d.	5
Octabromobiphenyl		n.d.	5
Nonabromobiphenyl		n.d.	5
Decabromobiphenyl		n.d.	5
Sum of PBDEs		n.d.	-
Monobromodiphenyl ether		n.d.	5
Dibromodiphenyl ether		n.d.	5
Tribromodiphenyl ether		n.d.	5
Tetrabromodiphenyl ether		n.d.	5
Pentabromodiphenyl ether		n.d.	5
Hexabromodiphenyl ether		n.d.	5
Heptabromodiphenyl ether		n.d.	5
Octabromodiphenyl ether		n.d.	5
Nonabromodiphenyl ether		n.d.	5
Decabromodiphenyl ether		n.d.	5

TEST PART DESCRIPTION:

No.1 : MIXED ALL COLORED INK (FORTY TYPES)

Note :

1. mg/kg = ppm; 0.1wt% = 1000ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. "-" = Not Regulated
5. The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing.
The above result(s) was/were only given as the informality value.

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SGS Taiwan Ltd.

台灣檢驗科技股份有限公司 Chemical-Taipei 33 WuChyuan Road, Wuku Industrial Zone, New Taipei City, Taiwan / 新北市五股工業區五權路33號 + 886 (02)2299 3279 f + 886 (02)2299 3237 www.sgs.com

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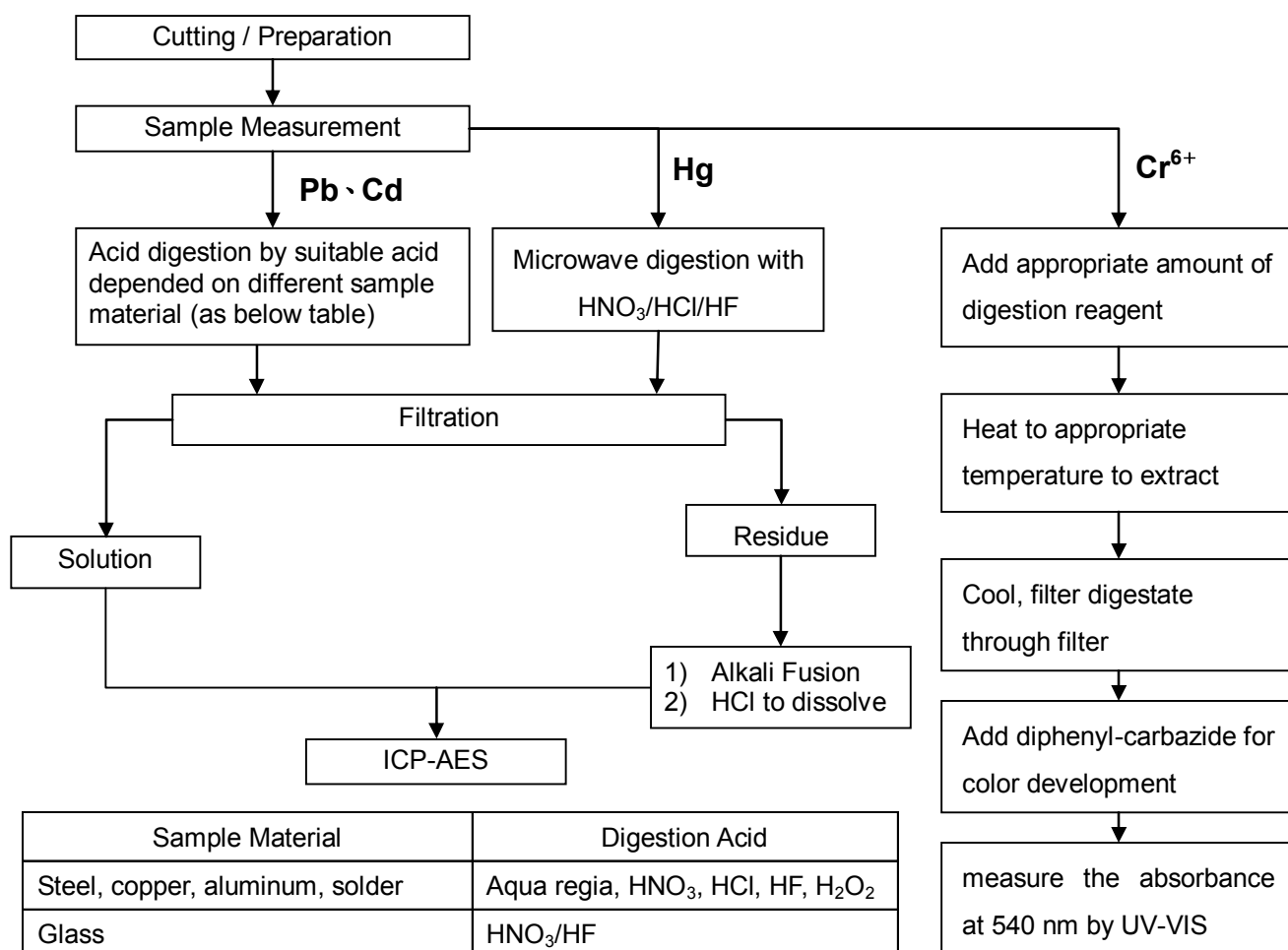
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- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
(Cr⁶⁺ test method excluded)
- 2) Name of the person who made measurement: Climbgreat Yang
- 3) Name of the person in charge of measurement: Troy Chang



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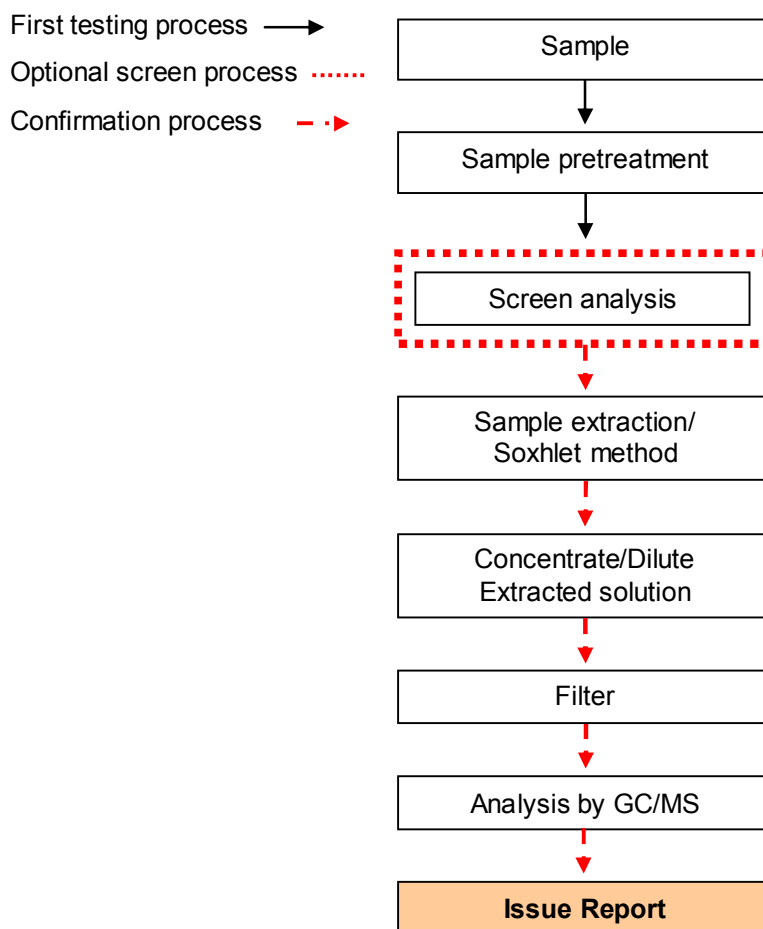
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PBB/PBDE analytical FLOW CHART

- 1) Name of the person who made measurement: Roman Wong
- 2) Name of the person in charge of measurement: Troy Chang



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** End of Report **

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