

Test Report

No. : KE/2011/63100 Date : 2011/06/28 Page : 1 of 7

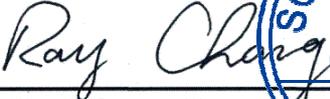
TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
(R.O.C.)



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

Sample Description : STICKFLOWER SERIES
Style/Item No. : STICK-C/NI-144C6/STICK-LC/NI-144LC6
Color : BLUE
Material Component : INK
Sample Receiving Date : 2011/06/23
Testing Period : 2011/06/23 TO 2011/06/28
Sample Submitted By : TAIWAN NANOTECHNOLOGY

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


Ray Chang / Asst. Manager
Signed for and on behalf of
SGS Taiwan Limited



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TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
(R.O.C.)



Test Result(s)

PART NAME NO.1 : BLUE INK OF STICKFLOWER SERIES

Test Item (s):	Unit	Method	MDL	Result
				No.1
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
Sum of PBBs			-	n.d.
Monobromobiphenyl	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	5	n.d.
Dibromobiphenyl			5	n.d.
Tribromobiphenyl			5	n.d.
Tetrabromobiphenyl			5	n.d.
Pentabromobiphenyl			5	n.d.
Hexabromobiphenyl			5	n.d.
Heptabromobiphenyl			5	n.d.
Octabromobiphenyl			5	n.d.
Nonabromobiphenyl			5	n.d.
Decabromobiphenyl			5	n.d.
Sum of PBDEs				
Monobromodiphenyl ether	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	5	n.d.
Dibromodiphenyl ether			5	n.d.
Tribromodiphenyl ether			5	n.d.
Tetrabromodiphenyl ether			5	n.d.
Pentabromodiphenyl ether			5	n.d.
Hexabromodiphenyl ether			5	n.d.
Heptabromodiphenyl ether			5	n.d.
Octabromodiphenyl ether			5	n.d.
Nonabromodiphenyl ether			5	n.d.
Decabromodiphenyl ether			5	n.d.

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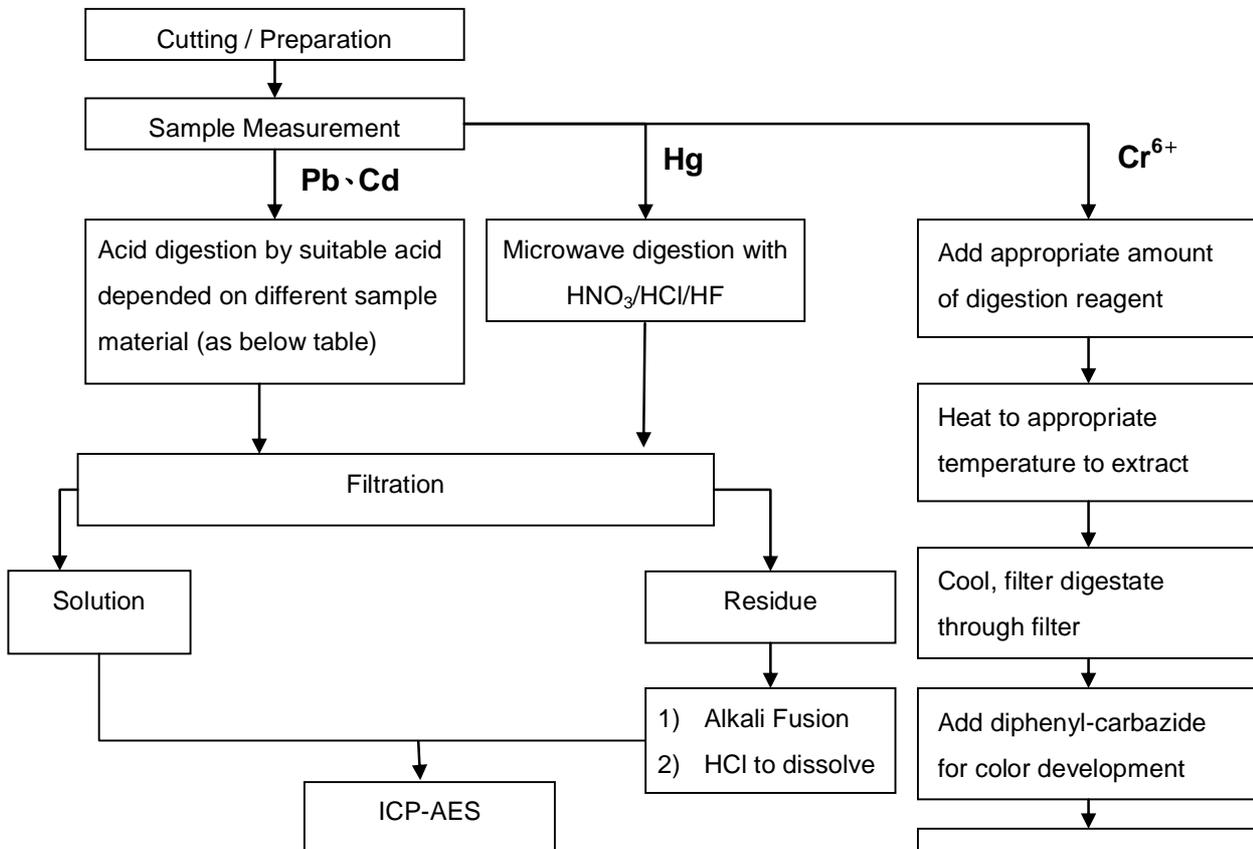
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TAIWAN NANOTECHNOLOGY CORPORATION
 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



- 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: Alex Chung
- 3) Name of the person in charge of measurement: Ray Chang



Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

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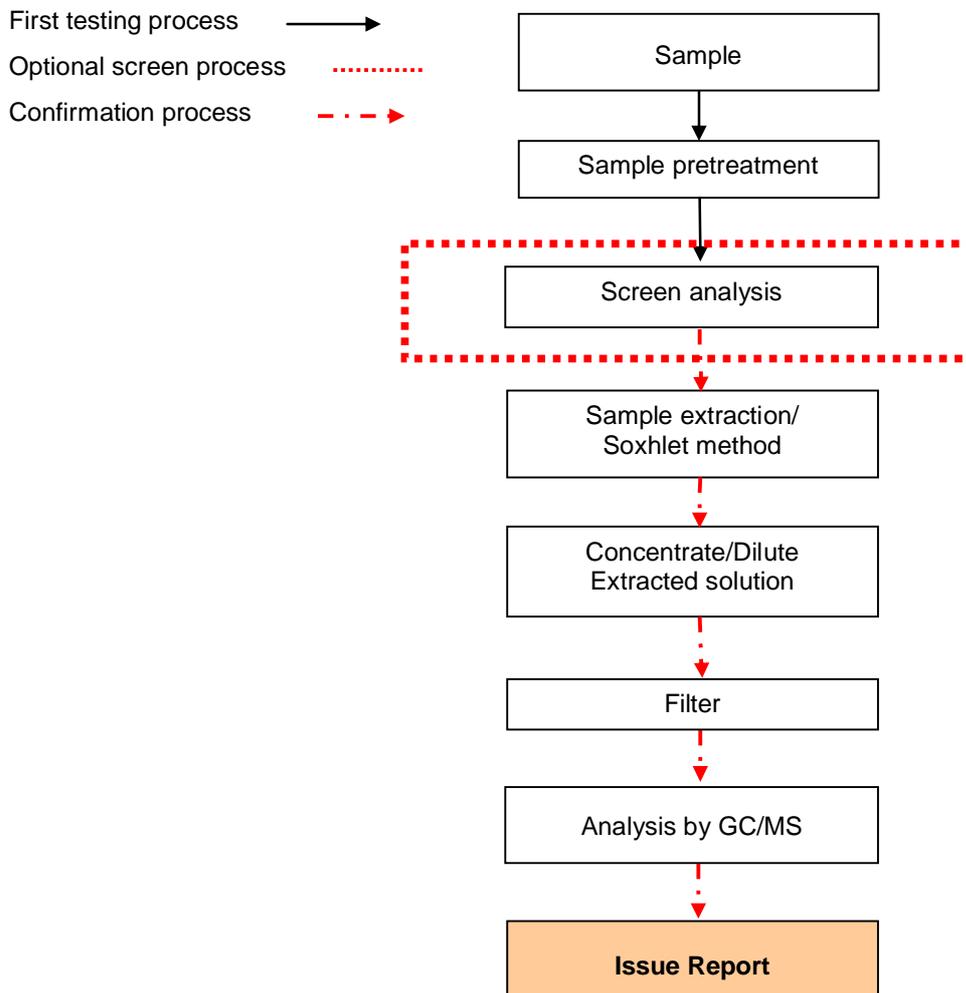
TAIWAN NANOTECHNOLOGY CORPORATION
 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



PBB/PBDE analytical FLOW CHART

1) Name of the person who made measurement: Anson Tsao

2) Name of the person in charge of measurement: Ray Chang



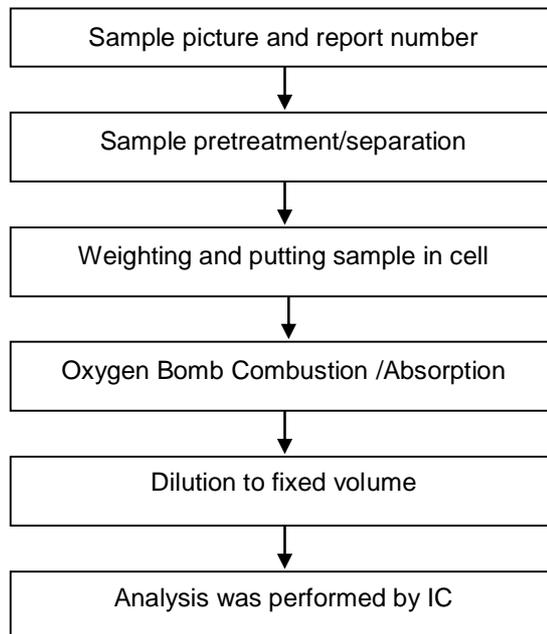
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TAIWAN NANOTECHNOLOGY CORPORATION
 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



Analytical flow chart of halogen content

- 1) Name of the person who made measurement: Jean Hung
- 2) Name of the person in charge of measurement: Ray Chang



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TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
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** End of Report **

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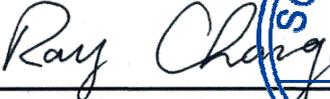
TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
(R.O.C.)



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

Sample Description : STICKFLOWER SERIES
Style/Item No. : STICK-M/NI-144M6/STICK-LM/NI-144LM6
Color : MAGENTA
Material Component : INK
Sample Receiving Date : 2011/06/23
Testing Period : 2011/06/23 TO 2011/06/28
Sample Submitted By : TAIWAN NANOTECHNOLOGY

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


Ray Chang / Asst. Manager
Signed for and on behalf of
SGS Taiwan Limited



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TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
(R.O.C.)



Test Result(s)

PART NAME NO.1 : MAGENTA INK OF STICKFLOWER SERIES

Test Item (s):	Unit	Method	MDL	Result
				No.1
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
Sum of PBBs	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.
Monobromobiphenyl			5	n.d.
Dibromobiphenyl			5	n.d.
Tribromobiphenyl			5	n.d.
Tetrabromobiphenyl			5	n.d.
Pentabromobiphenyl			5	n.d.
Hexabromobiphenyl			5	n.d.
Heptabromobiphenyl			5	n.d.
Octabromobiphenyl			5	n.d.
Nonabromobiphenyl			5	n.d.
Decabromobiphenyl			5	n.d.
Sum of PBDEs			mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.
Monobromodiphenyl ether	5	n.d.		
Dibromodiphenyl ether	5	n.d.		
Tribromodiphenyl ether	5	n.d.		
Tetrabromodiphenyl ether	5	n.d.		
Pentabromodiphenyl ether	5	n.d.		
Hexabromodiphenyl ether	5	n.d.		
Heptabromodiphenyl ether	5	n.d.		
Octabromodiphenyl ether	5	n.d.		
Nonabromodiphenyl ether	5	n.d.		
Decabromodiphenyl ether	5	n.d.		

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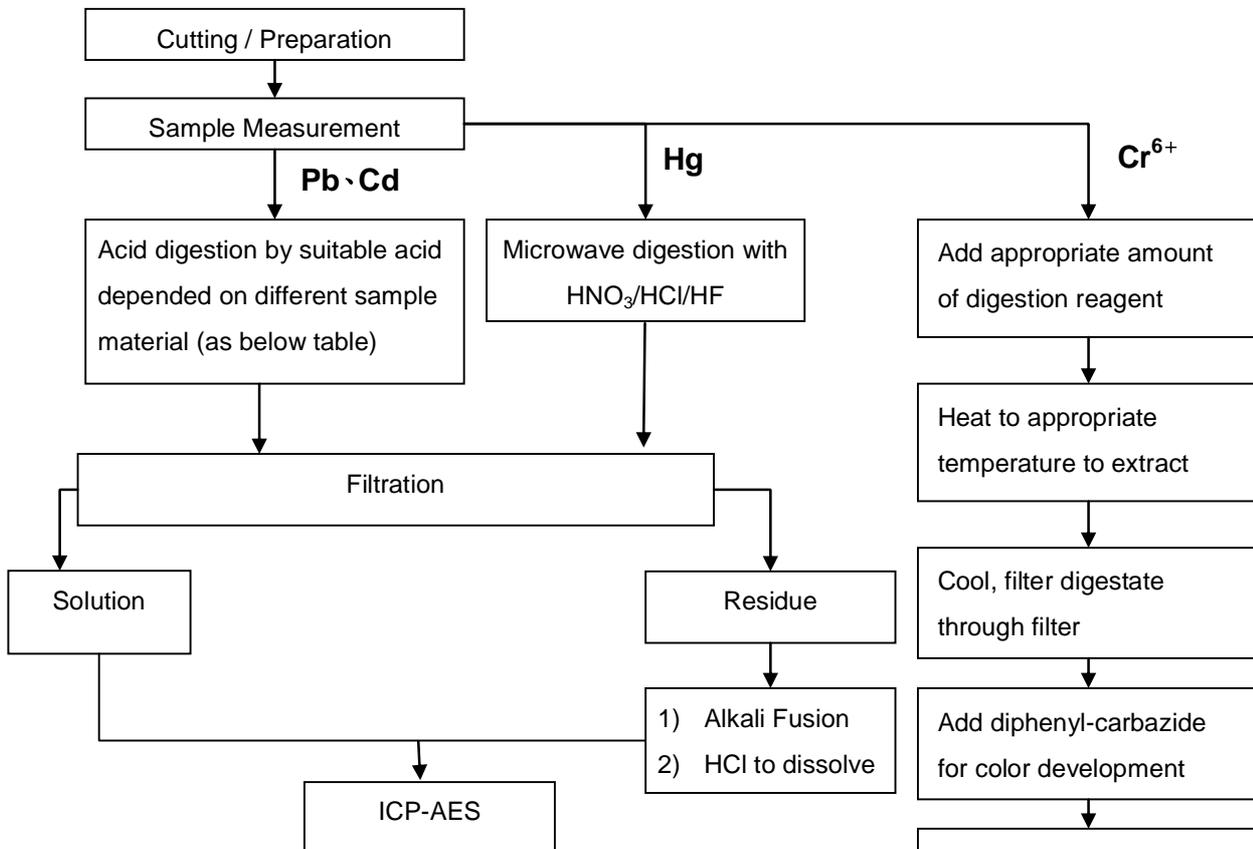
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TAIWAN NANOTECHNOLOGY CORPORATION
 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



- 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: Alex Chung
- 3) Name of the person in charge of measurement: Ray Chang



Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

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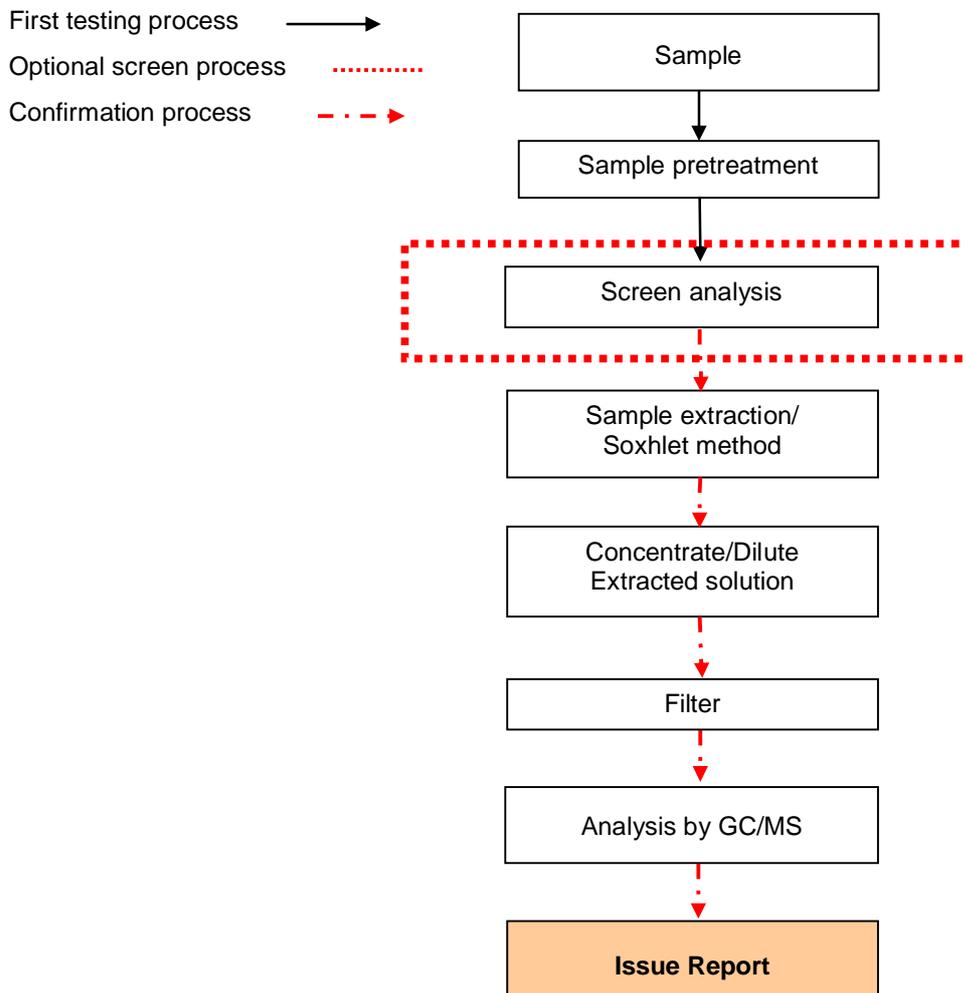
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 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
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PBB/PBDE analytical FLOW CHART

1) Name of the person who made measurement: Anson Tsao

2) Name of the person in charge of measurement: Ray Chang



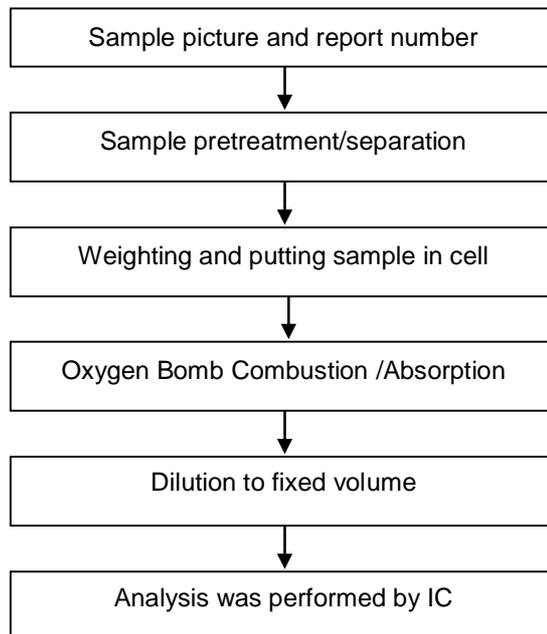
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 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



Analytical flow chart of halogen content

- 1) Name of the person who made measurement: Jean Hung
- 2) Name of the person in charge of measurement: Ray Chang



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NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
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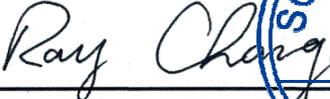
TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
(R.O.C.)



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

Sample Description : STICKFLOWER SERIES
Style/Item No. : STICK-Y/NI-144Y6
Color : YELLOW
Material Component : INK
Sample Receiving Date : 2011/06/23
Testing Period : 2011/06/23 TO 2011/06/28
Sample Submitted By : TAIWAN NANOTECHNOLOGY

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


Ray Chang / Asst. Manager
Signed for and on behalf of
SGS Taiwan Limited



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TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
(R.O.C.)



Test Result(s)

PART NAME NO.1 : YELLOW INK OF STICKFLOWER SERIES

Test Item (s):	Unit	Method	MDL	Result
				No.1
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
Sum of PBBs	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.
Monobromobiphenyl			5	n.d.
Dibromobiphenyl			5	n.d.
Tribromobiphenyl			5	n.d.
Tetrabromobiphenyl			5	n.d.
Pentabromobiphenyl			5	n.d.
Hexabromobiphenyl			5	n.d.
Heptabromobiphenyl			5	n.d.
Octabromobiphenyl			5	n.d.
Nonabromobiphenyl			5	n.d.
Decabromobiphenyl			5	n.d.
Sum of PBDEs			mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.
Monobromodiphenyl ether	5	n.d.		
Dibromodiphenyl ether	5	n.d.		
Tribromodiphenyl ether	5	n.d.		
Tetrabromodiphenyl ether	5	n.d.		
Pentabromodiphenyl ether	5	n.d.		
Hexabromodiphenyl ether	5	n.d.		
Heptabromodiphenyl ether	5	n.d.		
Octabromodiphenyl ether	5	n.d.		
Nonabromodiphenyl ether	5	n.d.		
Decabromodiphenyl ether	5	n.d.		

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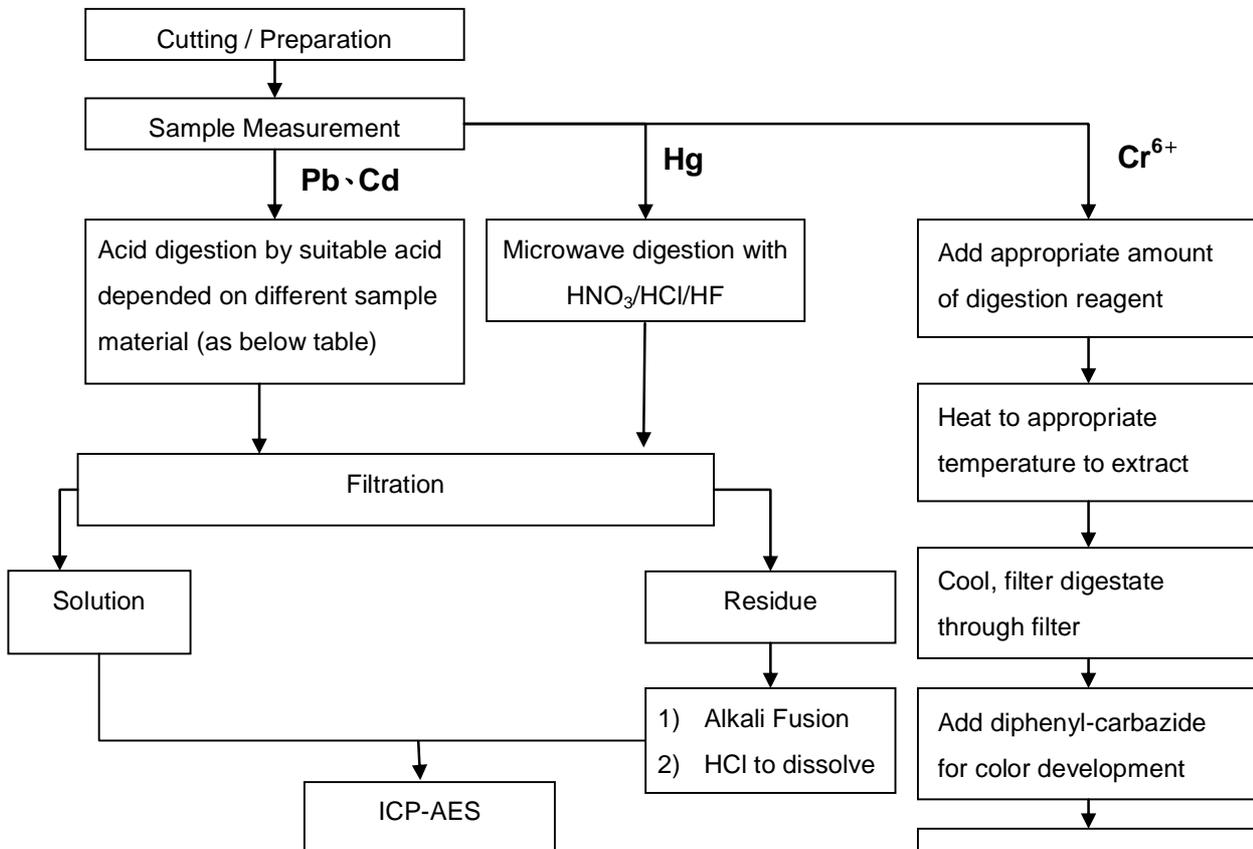
Test Report

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TAIWAN NANOTECHNOLOGY CORPORATION
 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



- 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: Alex Chung
- 3) Name of the person in charge of measurement: Ray Chang



Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

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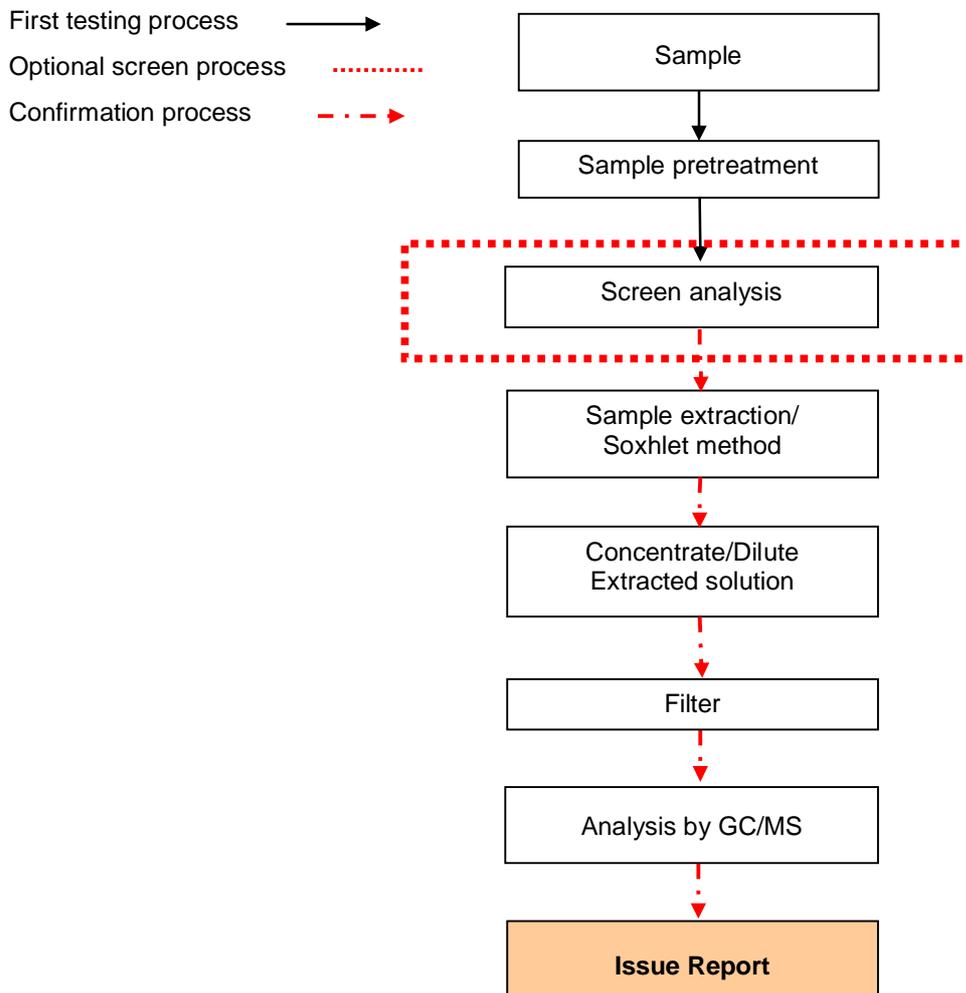
TAIWAN NANOTECHNOLOGY CORPORATION
 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



PBB/PBDE analytical FLOW CHART

1) Name of the person who made measurement: Anson Tsao

2) Name of the person in charge of measurement: Ray Chang



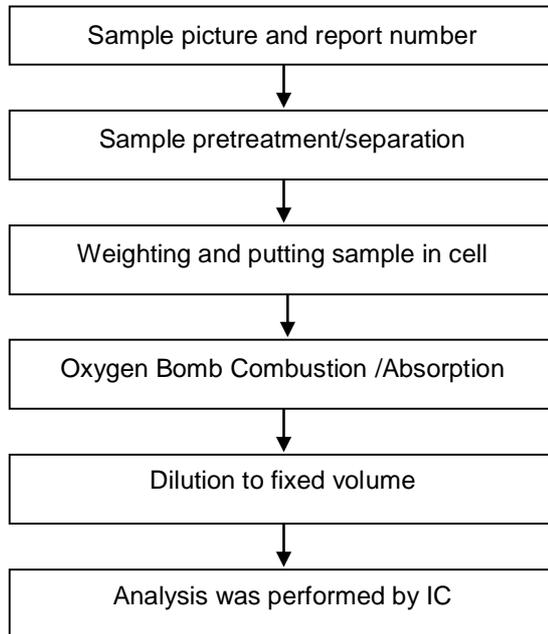
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 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



Analytical flow chart of halogen content

- 1) Name of the person who made measurement: Jean Hung
- 2) Name of the person in charge of measurement: Ray Chang



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TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
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** End of Report **

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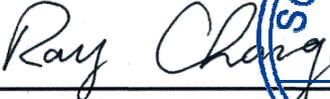
TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
(R.O.C.)



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

Sample Description : STICKFLOWER SERIES
Style/Item No. : STICK-K/NI-144K6/STICK-MK
Color : BLACK
Material Component : INK
Sample Receiving Date : 2011/06/23
Testing Period : 2011/06/23 TO 2011/06/28
Sample Submitted By : TAIWAN NANOTECHNOLOGY

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


Ray Chang / Asst. Manager
Signed for and on behalf of
SGS Taiwan Limited



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TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
(R.O.C.)



Test Result(s)

PART NAME NO.1 : BLACK INK OF STICKFLOWER SERIES

Test Item (s):	Unit	Method	MDL	Result
				No.1
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
Sum of PBBs	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.
Monobromobiphenyl			5	n.d.
Dibromobiphenyl			5	n.d.
Tribromobiphenyl			5	n.d.
Tetrabromobiphenyl			5	n.d.
Pentabromobiphenyl			5	n.d.
Hexabromobiphenyl			5	n.d.
Heptabromobiphenyl			5	n.d.
Octabromobiphenyl			5	n.d.
Nonabromobiphenyl			5	n.d.
Decabromobiphenyl			5	n.d.
Sum of PBDEs			mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.
Monobromodiphenyl ether	5	n.d.		
Dibromodiphenyl ether	5	n.d.		
Tribromodiphenyl ether	5	n.d.		
Tetrabromodiphenyl ether	5	n.d.		
Pentabromodiphenyl ether	5	n.d.		
Hexabromodiphenyl ether	5	n.d.		
Heptabromodiphenyl ether	5	n.d.		
Octabromodiphenyl ether	5	n.d.		
Nonabromodiphenyl ether	5	n.d.		
Decabromodiphenyl ether	5	n.d.		

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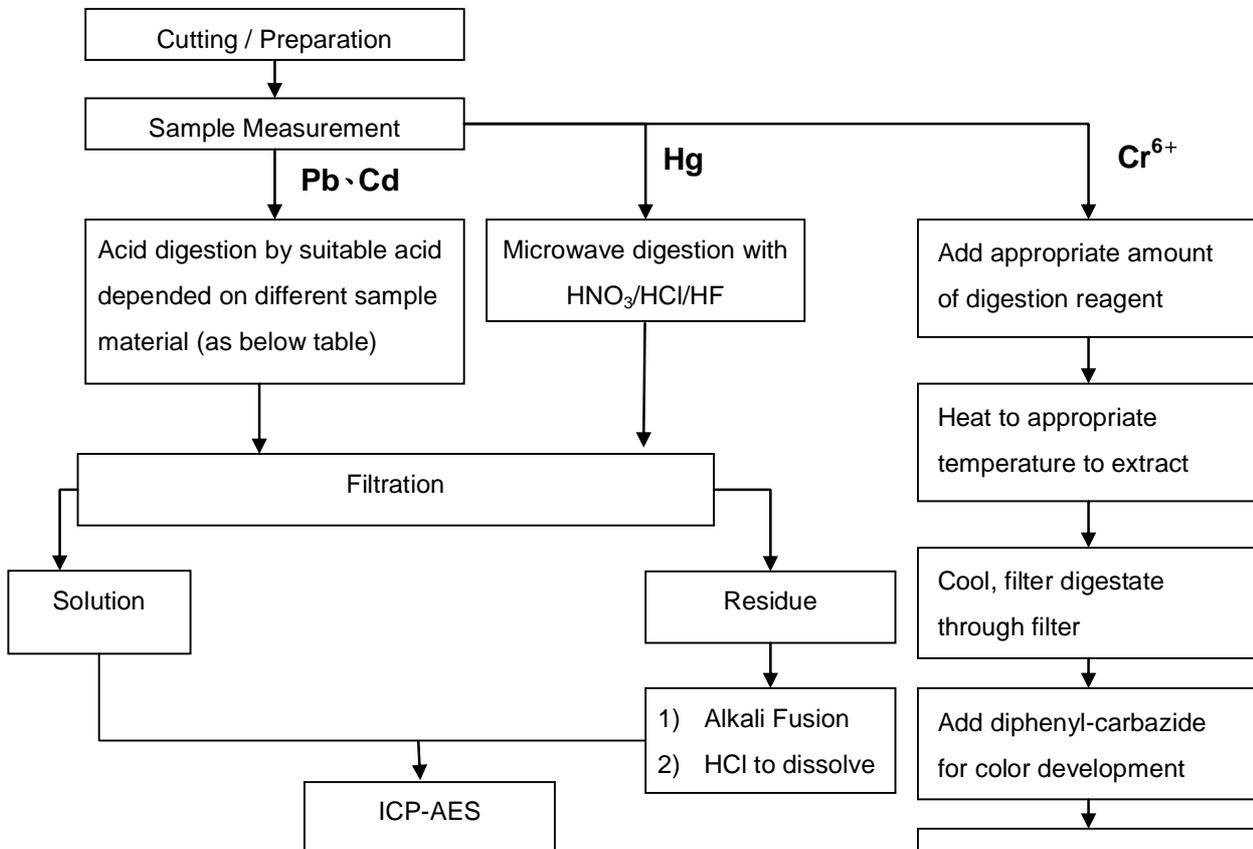
Test Report

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TAIWAN NANOTECHNOLOGY CORPORATION
 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



- 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: Alex Chung
- 3) Name of the person in charge of measurement: Ray Chang



Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

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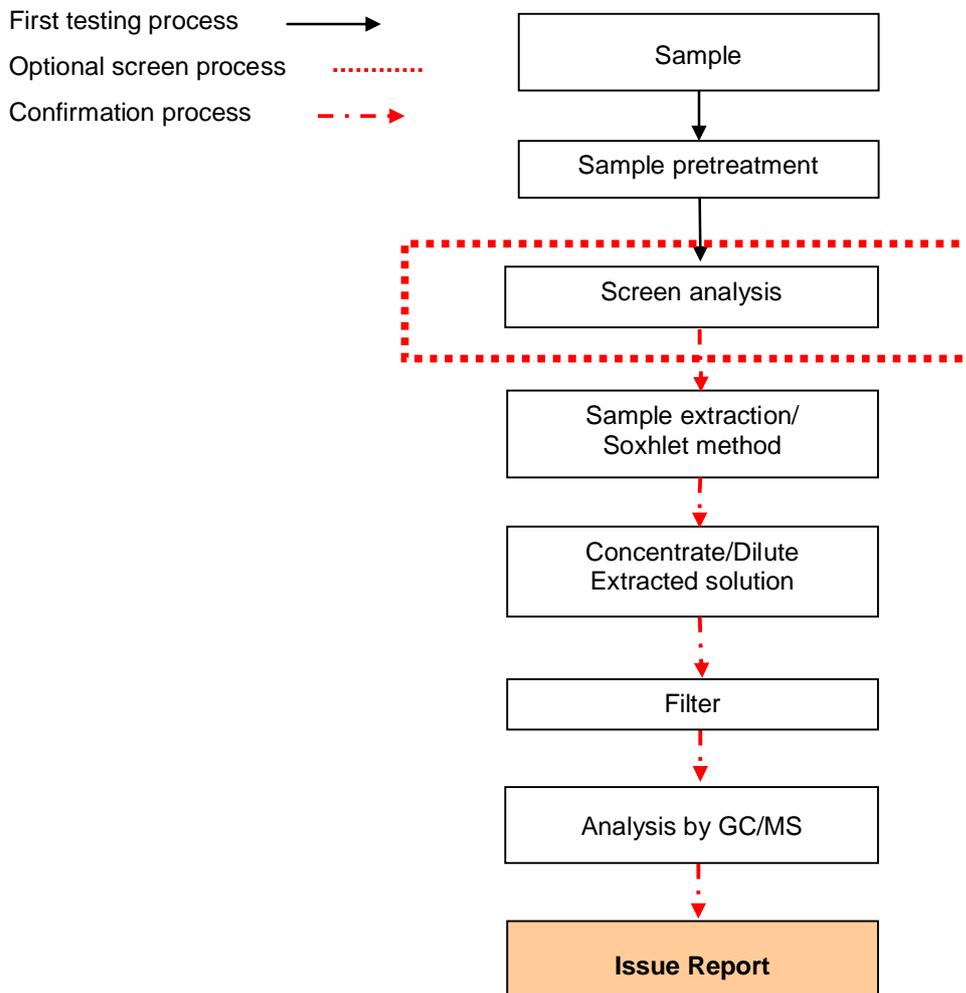
TAIWAN NANOTECHNOLOGY CORPORATION
 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
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PBB/PBDE analytical FLOW CHART

1) Name of the person who made measurement: Anson Tsao

2) Name of the person in charge of measurement: Ray Chang



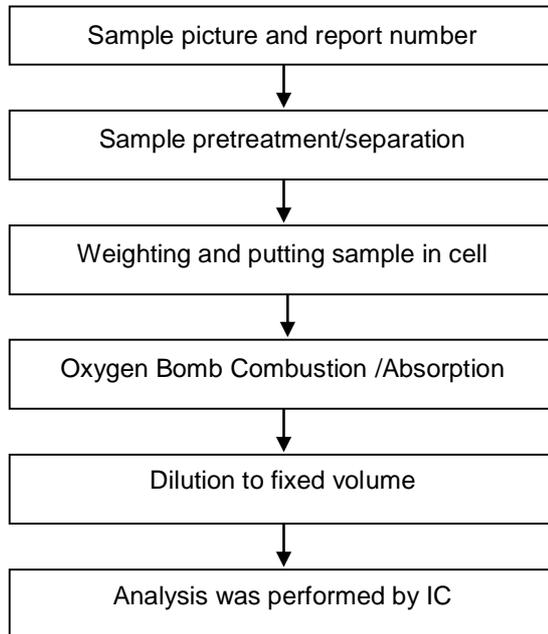
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 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



Analytical flow chart of halogen content

- 1) Name of the person who made measurement: Jean Hung
- 2) Name of the person in charge of measurement: Ray Chang



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Test Report

No. : KE/2011/63109 Date : 2011/06/28 Page : 7 of 7

TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
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Test Report

No. : KE/2012/21842R2

Date : 2012/03/02

Page: 1 of 4

TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN (R.O.C.)

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

Sample Description : STICKFLOWER INK-W
Style/Item No. : STICK-W
Color : WHITE
Sample Receiving Date : 2012/02/15
Testing Period : 2012/02/15 TO 2012/02/20
Sample Submitted By : TAIWAN NANOTECHNOLOGY CORPORATION

=====
Test Requested : As specified by client, with reference to RoHS Directive 2011/65/EU Annex II to determine Cadmium, Lead, Mercury, Cr(VI), PPBs, PBDEs contents in the submitted sample.

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



Ray Chang / Asst. Manager
Signed for and on behalf of
SGS Taiwan Limited

Test Report

No. : KE/2012/21842R2

Date : 2012/03/02

Page: 2 of 4

TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN (R.O.C.)

Test Result(s)

PART NAME No.1 : WHITE INK

Test Item(s)	Unit	Method	MDL	Result
				No.1
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Hexavalent Chromium Cr(VI)	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
Sum of PBBs	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.
Monobromobiphenyl	mg/kg		5	n.d.
Dibromobiphenyl	mg/kg		5	n.d.
Tribromobiphenyl	mg/kg		5	n.d.
Tetrabromobiphenyl	mg/kg		5	n.d.
Pentabromobiphenyl	mg/kg		5	n.d.
Hexabromobiphenyl	mg/kg		5	n.d.
Heptabromobiphenyl	mg/kg		5	n.d.
Octabromobiphenyl	mg/kg		5	n.d.
Nonabromobiphenyl	mg/kg		5	n.d.
Decabromobiphenyl	mg/kg		5	n.d.
Sum of PBDEs	mg/kg		-	n.d.
Monobromodiphenyl ether	mg/kg		5	n.d.
Dibromodiphenyl ether	mg/kg		5	n.d.
Tribromodiphenyl ether	mg/kg		5	n.d.
Tetrabromodiphenyl ether	mg/kg		5	n.d.
Pentabromodiphenyl ether	mg/kg		5	n.d.
Hexabromodiphenyl ether	mg/kg		5	n.d.
Heptabromodiphenyl ether	mg/kg		5	n.d.
Octabromodiphenyl ether	mg/kg		5	n.d.
Nonabromodiphenyl ether	mg/kg	5	n.d.	
Decabromodiphenyl ether	mg/kg	5	n.d.	

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Test Report

No. : KE/2012/21842R2

Date : 2012/03/02

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TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN (R.O.C.)

Note :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. " - " = Not Regulated
5. This report supersedes all pervious documents bearing the test report number KE/2012/21842R1.

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TAIWAN NANOTECHNOLOGY CORPORATION

NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN (R.O.C.)

* The tested sample / part is marked by an arrow if it's shown on the photo. *

KE/2012/21842



** End of Report **

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Test Report

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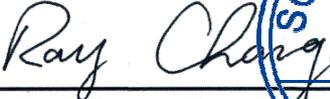
TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
(R.O.C.)



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

Sample Description : STICKFLOWER SERIES
Style/Item No. : STICK-O
Color : ORANGE
Material Component : INK
Sample Receiving Date : 2011/06/23
Testing Period : 2011/06/23 TO 2011/06/28
Sample Submitted By : TAIWAN NANOTECHNOLOGY

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


Ray Chang / Asst. Manager
Signed for and on behalf of
SGS Taiwan Limited



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TAIWAN NANOTECHNOLOGY CORPORATION
NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
(R.O.C.)



Test Result(s)

PART NAME NO.1 : ORANGE INK OF STICKFLOWER SERIES

Test Item (s):	Unit	Method	MDL	Result
				No.1
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
Sum of PBBs	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.
Monobromobiphenyl			5	n.d.
Dibromobiphenyl			5	n.d.
Tribromobiphenyl			5	n.d.
Tetrabromobiphenyl			5	n.d.
Pentabromobiphenyl			5	n.d.
Hexabromobiphenyl			5	n.d.
Heptabromobiphenyl			5	n.d.
Octabromobiphenyl			5	n.d.
Nonabromobiphenyl			5	n.d.
Decabromobiphenyl			5	n.d.
Sum of PBDEs			mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.
Monobromodiphenyl ether	5	n.d.		
Dibromodiphenyl ether	5	n.d.		
Tribromodiphenyl ether	5	n.d.		
Tetrabromodiphenyl ether	5	n.d.		
Pentabromodiphenyl ether	5	n.d.		
Hexabromodiphenyl ether	5	n.d.		
Heptabromodiphenyl ether	5	n.d.		
Octabromodiphenyl ether	5	n.d.		
Nonabromodiphenyl ether	5	n.d.		
Decabromodiphenyl ether	5	n.d.		

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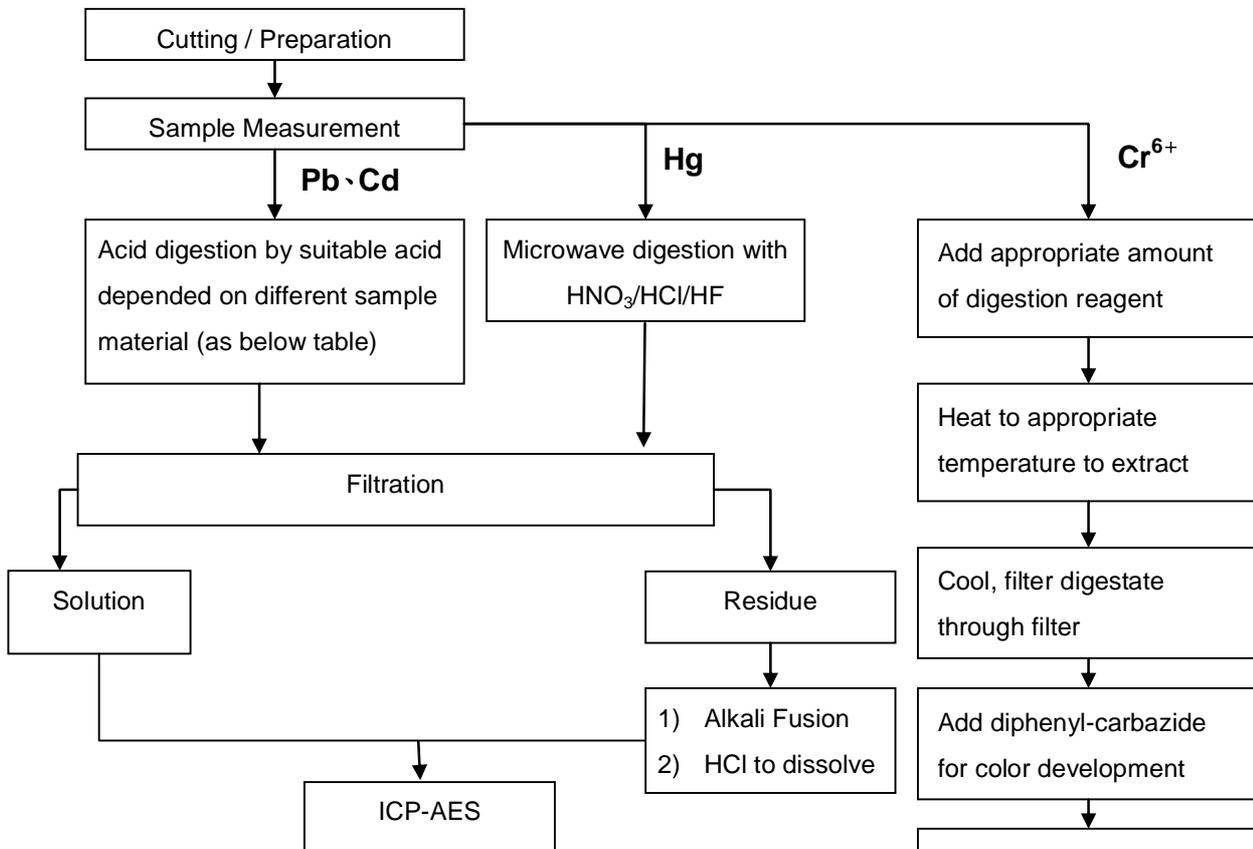
Test Report

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TAIWAN NANOTECHNOLOGY CORPORATION
 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



- 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: Alex Chung
- 3) Name of the person in charge of measurement: Ray Chang



Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

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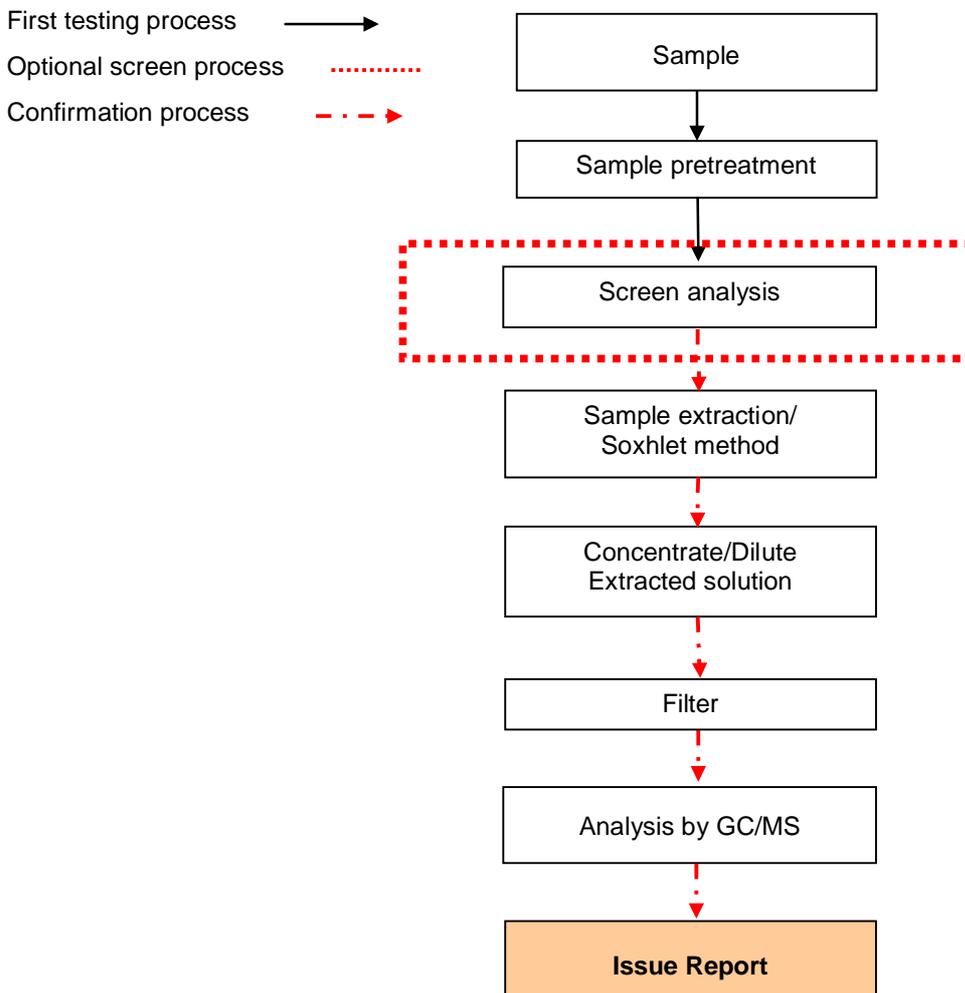
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 NO.292, GONGYEQU 38TH RD., XITUN DISTRICT, TAICHUNG CITY 407, TAIWAN
 (R.O.C.)



PBB/PBDE analytical FLOW CHART

- 1) Name of the person who made measurement: Anson Tsao
- 2) Name of the person in charge of measurement: Ray Chang



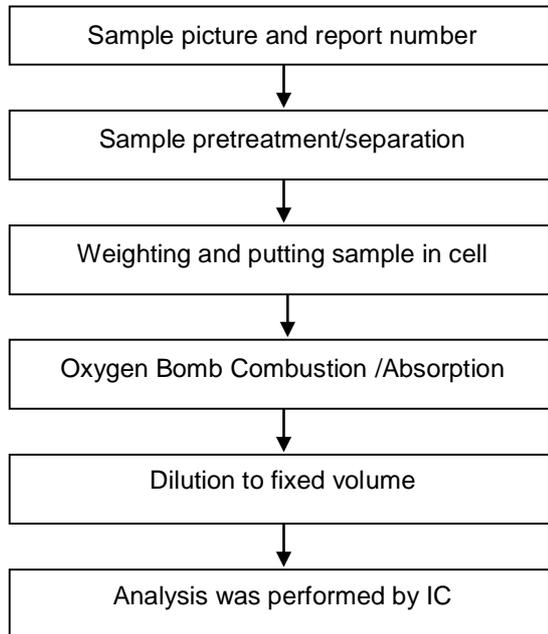
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Analytical flow chart of halogen content

- 1) Name of the person who made measurement: Jean Hung
- 2) Name of the person in charge of measurement: Ray Chang



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