



Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 1 of 19

Applicant : PAUL STRICKER SA

Address : Núcleo Industrial de Murtede, Lote 5, 3060-372 Murtede, Portugal

Manufacturer :

Address :

"

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

Sample Name : Safety light

Sample Model : 98821

Sample Received Date : Oct. 30, 2015

Testing Period : Oct. 30, 2015 To Nov. 03, 2015

Test Requested : Selected test (s) in the selected parts as requested by client with the RoHS Directive 2011/65/EU.

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

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

Signed for and on behalf of

Andy Zheng/ Technical Director

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 2 of 19

Sample Description :

No.	Description	Name
1	Plastic	Yellow Plastic Shell
2	Plastic	Black Plastic Shell
3	Metal	Screw
4	Plastic	Red Plastic Shell
5	Plastic	Switch
6	Plastic	White Line Skin
7	Metal	Wire Core
8	Battery	Battery
9	Plastic	Transparent Plastic
10	Metal	Sheet Metal
11	PCB	PCB
12	Glue	White Glue
13	LED	LED
14	Metal	Solder

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Dongguan BST Testing Co., Ltd.

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 3 of 19

Test Result (No.1):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 4 of 19

Test Result (No.2):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 5 of 19

Test Result (No.3):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	--	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	--	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 6 of 19

Test Result (No.4):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 7 of 19

Test Result (No.5):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 8 of 19

Test Result (No.6):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 9 of 19

Test Result (No.7):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	--	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	--	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 10 of 19

Test Result (No.8):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	--	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	--	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 11 of 19

Test Result (No.9):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 12 of 19

Test Result (No.10):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	--	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	--	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 13 of 19

Test Result (No.11):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 14 of 19

Test Result (No.12):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 15 of 19

Test Result (No.13):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	--

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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 16 of 19

Test Result (No.14):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	--	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	--	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	--	5	--

- Note:**
1. mg/kg= ppm
 2. N.D.= Not Detected(<MDL)
 3. MDL = Method Detection Limit
 4. -- = No Testing

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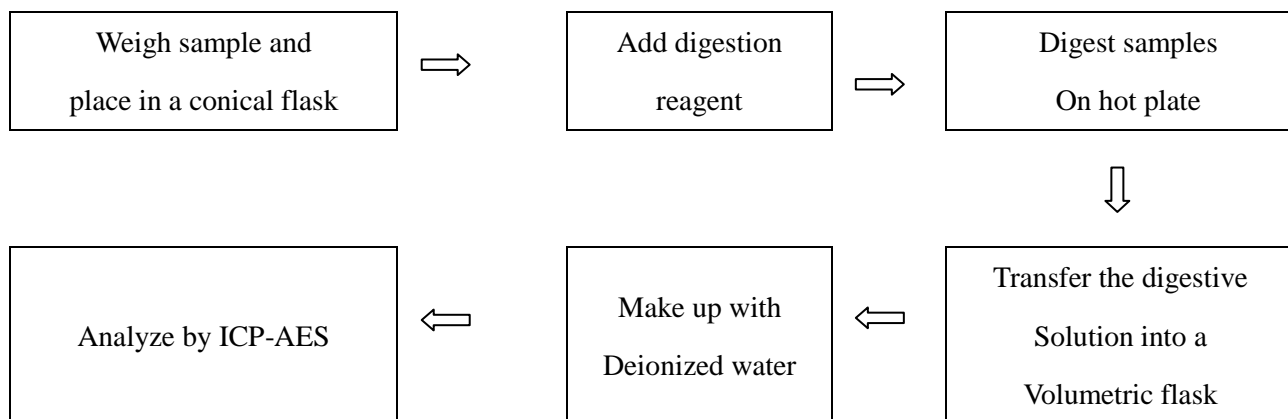
Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

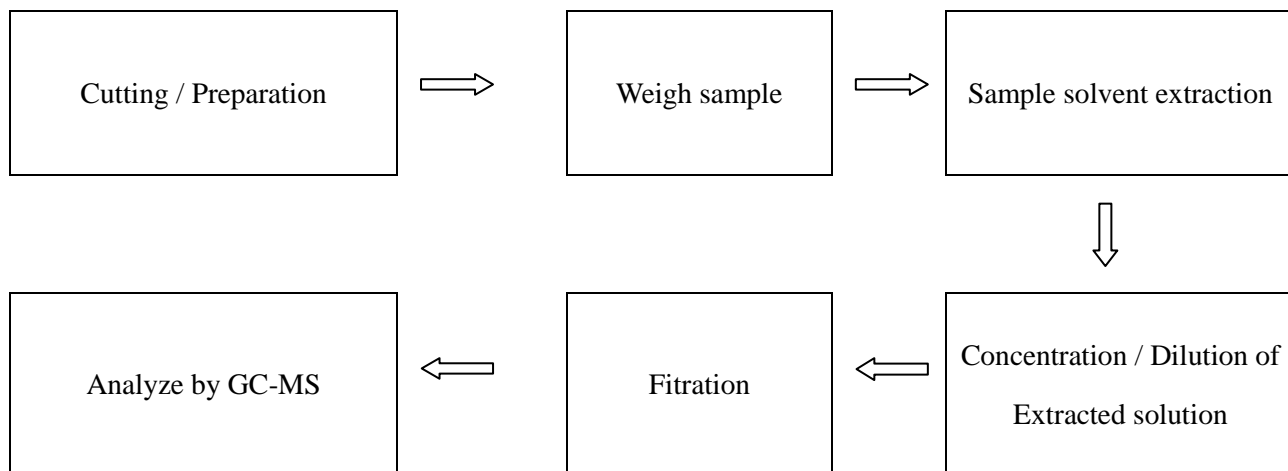
Page 17 of 19

Test Process:

1. Test for Cd/Pb Content



2. Test for PBB, PBDE Content



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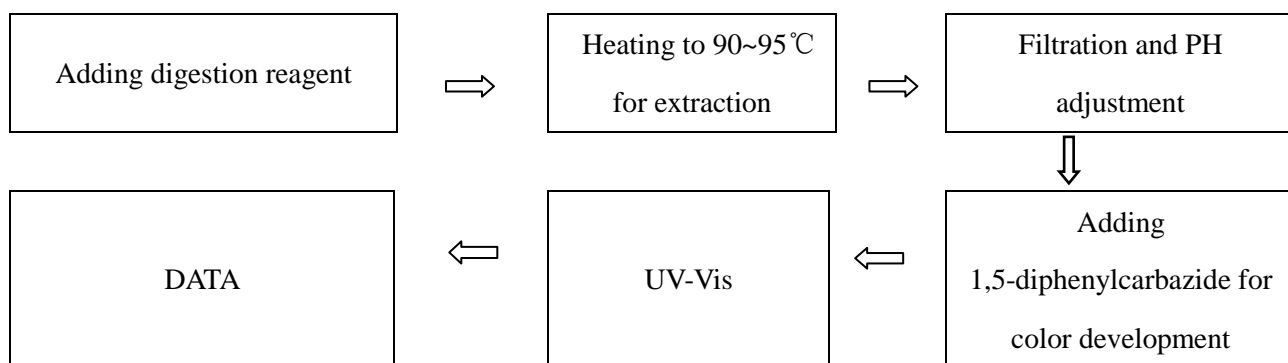
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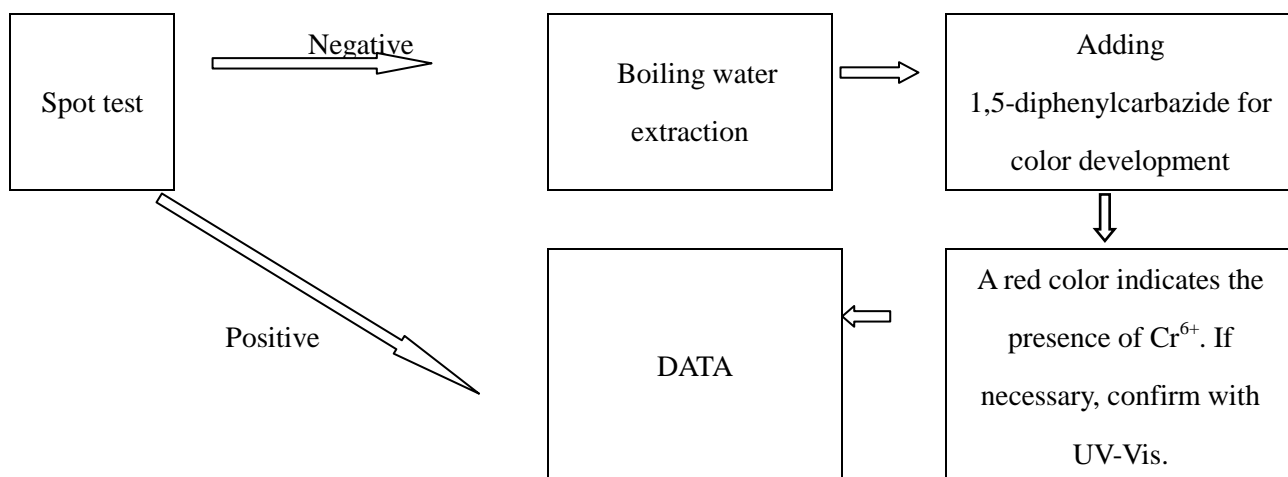
Page 18 of 19

3. Test for Chromium (VI) Content

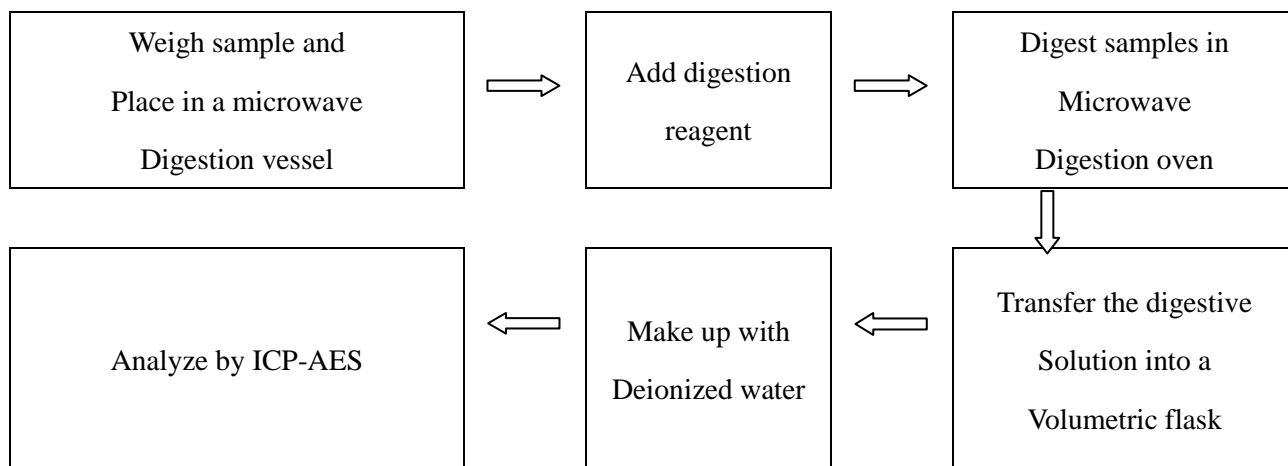
Nonmetallic material



Metallic material



4. Test for Hg Content



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Test Report

Report No : SHBST15100059808367YRR-4 Date: Nov. 03, 2015

Page 19 of 19

Sample Photo:



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