



Test Report

Report No.:SHBST15070060609124-1YRR-4 Date:Jul. 16, 2015 Page 1 of 15

Applicant : AQL Technology Limited

Address : ROOM 1501, 15/F, SPA CENTRE, 53-55 LOCKHART ROAD, WANCHAI,
HONG KONG

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

Sample Name : Connector



Trade Name :

Sample Model : 250D7, 250D6, 250D2, 250SMP, 250MP, 250FS, 250YD2, 250FM,
760BI, 50D6+S, 50D6, 50D2, 50SMP, 50MP, 50FS, 50YD2, 50FM,
24D6+S, 24D6, 24D2, 24SMP, 24MP, 24FS, 24YD2, 24FM, 24FME

Sample Received Date : Jul. 13, 2015

Testing Period : Jul. 13, 2015 To Jul. 16, 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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Sample Description:

No.	Description	Name
1	Plastic	Green Plastic
2	Plastic	White Plastic
3	Plastic	Blue Plastic
4	Plastic	Red Plastic
5	Plastic	White Line Skin Outside
6	Plastic	Blue Line Skin
7	Plastic	Brown Line Skin
8	Metal	Wire Core
9	Metal	Sheet Metal
10	Metal	Solder

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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	--
Phthalates					
Dibutyl Phthalate(DBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Butyl benzyl phthalate (BBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000

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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	--
Phthalates					
Dibutyl Phthalate(DBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Butyl benzyl phthalate (BBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000

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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	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	--
Phthalates					
Dibutyl Phthalate(DBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Butyl benzyl phthalate (BBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000

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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	--
Phthalates					
Dibutyl Phthalate(DBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Butyl benzyl phthalate (BBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000

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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	--
Phthalates					
Dibutyl Phthalate(DBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Butyl benzyl phthalate (BBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000

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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	--
Phthalates					
Dibutyl Phthalate(DBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Butyl benzyl phthalate (BBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000

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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	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	--
Phthalates					
Dibutyl Phthalate(DBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Butyl benzyl phthalate (BBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN14372:2004, GC-MS	N.D.	5	1000

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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	--
Phthalates					
Dibutyl Phthalate(DBP)	mg/kg	EN14372:2004, GC-MS	--	5	1000
Butyl benzyl phthalate (BBP)	mg/kg	EN14372:2004, GC-MS	--	5	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN14372:2004, GC-MS	--	5	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN14372:2004, GC-MS	--	5	1000

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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	--	--	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	--
Phthalates					
Dibutyl Phthalate(DBP)	mg/kg	EN14372:2004, GC-MS	--	5	1000
Butyl benzyl phthalate (BBP)	mg/kg	EN14372:2004, GC-MS	--	5	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN14372:2004, GC-MS	--	5	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN14372:2004, GC-MS	--	5	1000

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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	36	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	--
Phthalates					
Dibutyl Phthalate(DBP)	mg/kg	EN14372:2004, GC-MS	--	5	1000
Butyl benzyl phthalate (BBP)	mg/kg	EN14372:2004, GC-MS	--	5	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN14372:2004, GC-MS	--	5	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN14372:2004, GC-MS	--	5	1000

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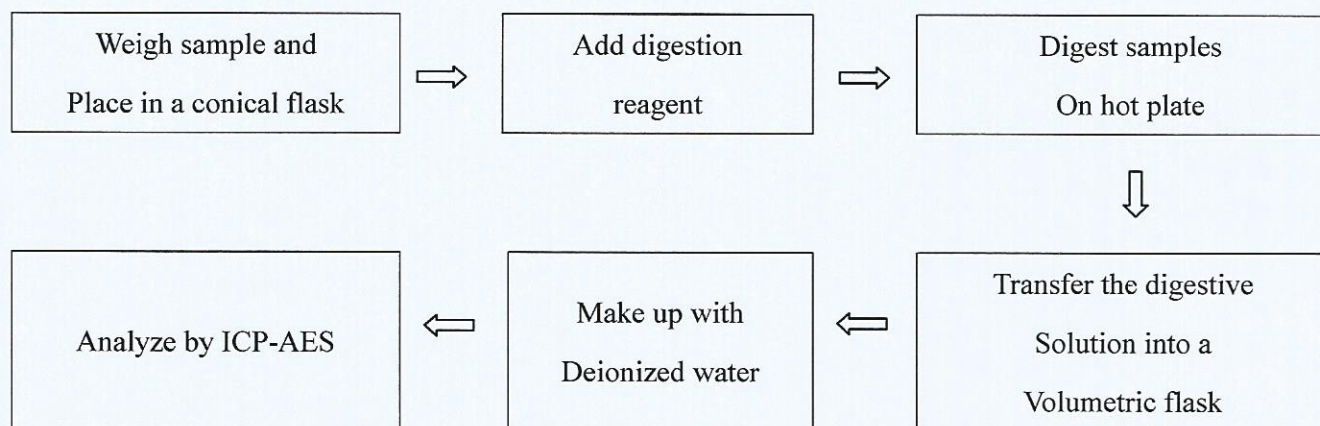
Date:Jul. 16, 2015

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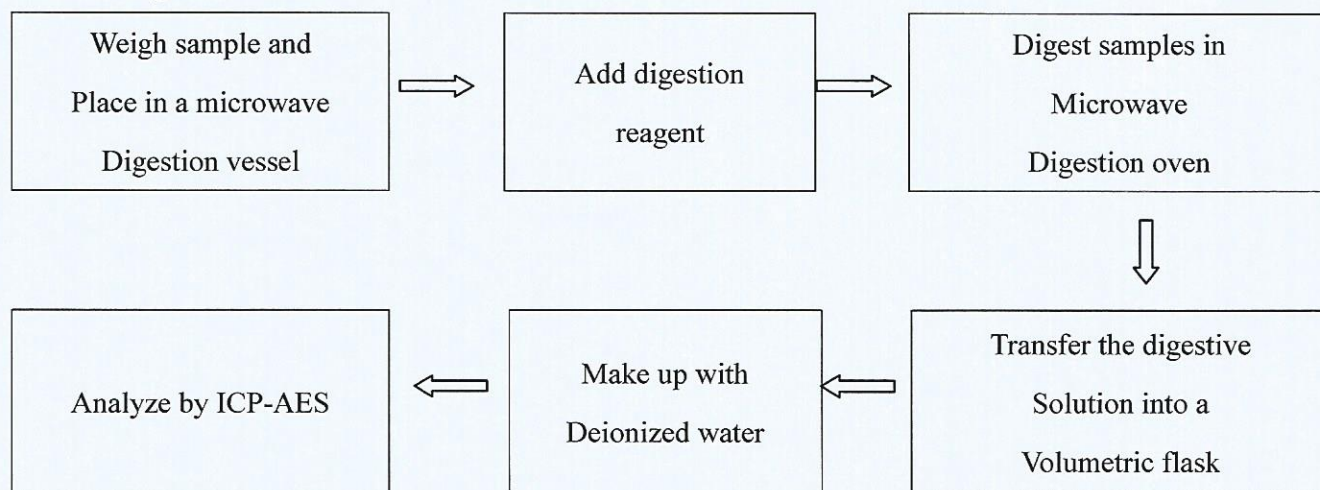
- Note:**
1. mg/kg= ppm
 2. N.D.= Not Detected(<MDL)
 3. MDL = Method Detection Limit
 4. -- = No Testing

Test Process:

1. Test for Cd/Pb Content



2. Test for Hg Contents



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Test Report

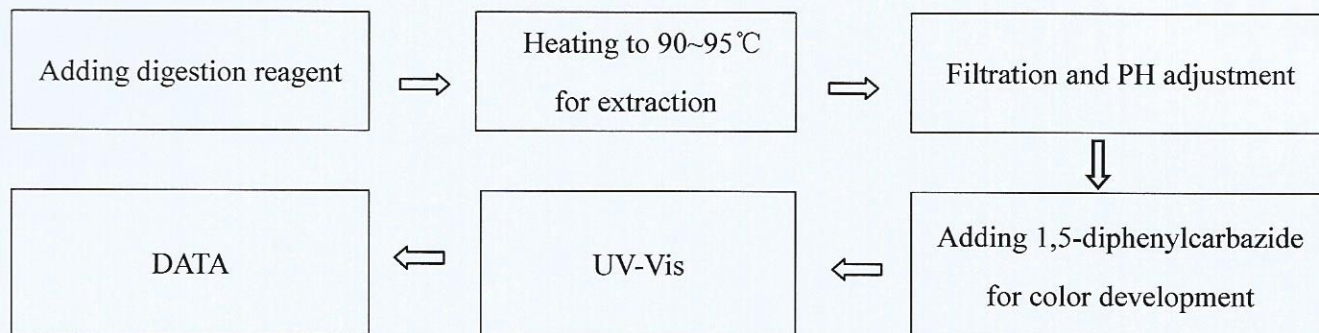
Report No.:SHBST15070060609124-1YRR-4

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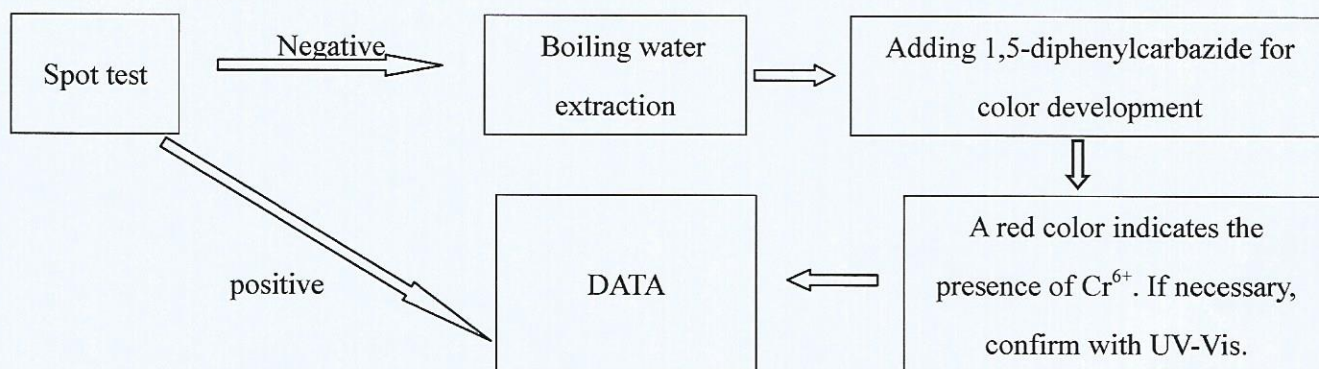
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3. Test for Chromium (VI) Content

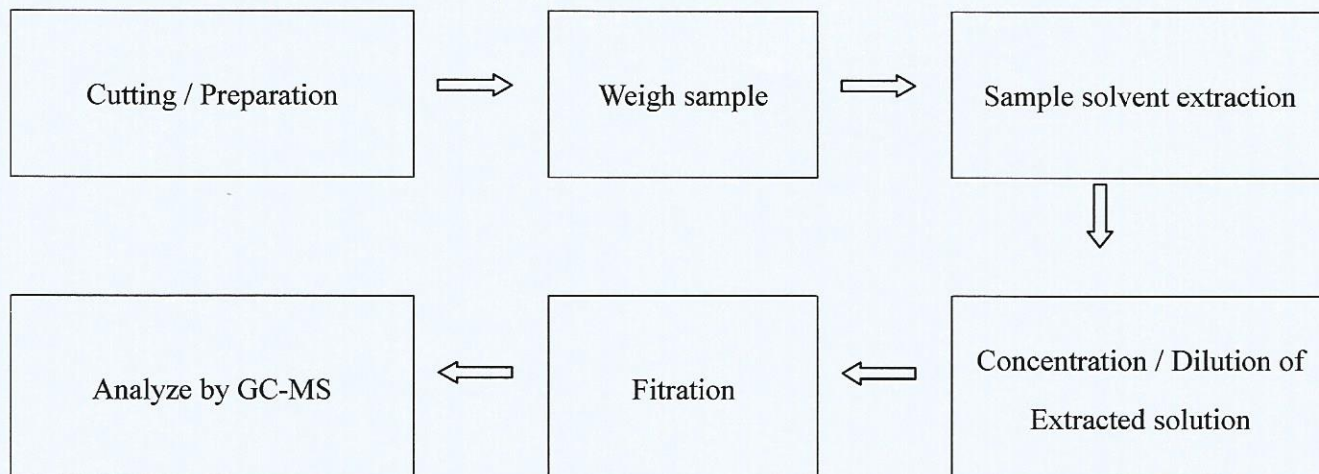
Nonmetallic material



Metallic material



4. Test for DBP, BBP, DEHP, DIBP, PBB, PBDE



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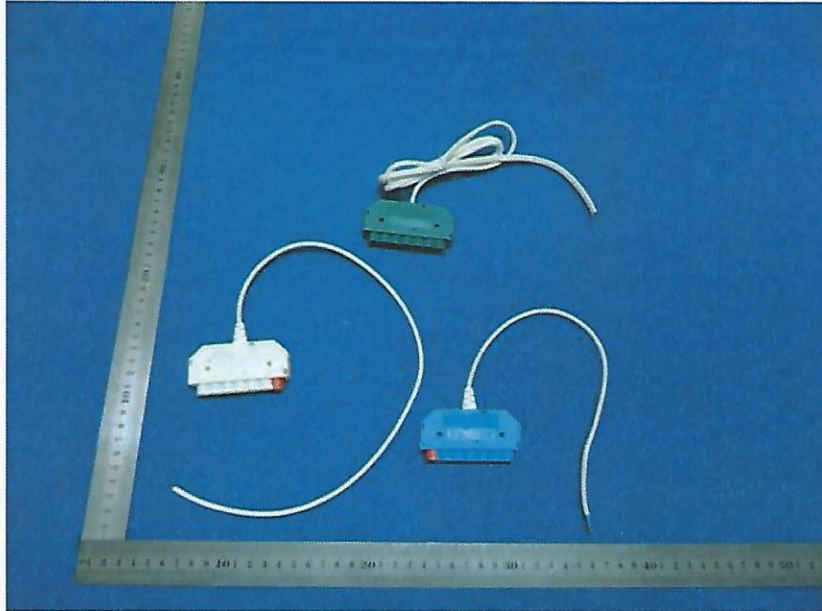
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Sample Photo:



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