

RoHS TEST REPORT

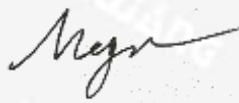
Applicant: Shenzhen ghsou Technology Co., Ltd
Address: 4-5 / F, building 24, Xitian third industrial zone, Gongming town, Guangming District, Shenzhen
Manufacturer: Shenzhen ghsou Technology Co., Ltd
Address: 4-5 / F, building 24, Xitian third industrial zone, Gongming town, Guangming District, Shenzhen
Sample Name: Charger
Sample Model: GHY-050240, GHY-050100, GHY-050150, GHY-050200
Trademark: GHSOU
Sample Received Date: Oct. 21, 2022
Testing Period: Oct. 21, 2022 To Oct. 26, 2022
Test Requested: Selected test(s) as requested by client
Test Method: Please refer to next page(s).
Test Result: Please refer to next page(s).
Conclusion: Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Tested By: Kayla



Date: Oct. 27, 2022

Reviewed By: Megan



Date: Oct. 27, 2022

Approved By: Thomas



Date: Oct. 27, 2022

Sample Description:

No.	Name
1	WHITE SHELL
2	WHITE METAL
3	WHITE METAL
4	GREEN PANELS
5	BLACK CAPACITANCE
6	BLACK INDUCTANCE
7	BLACK RESISTANCE
8	WHITE RESISTANCE
9	WHITE RESISTANCE
10	BLUE RESISTANCE
11	YELLOW TRANSFORMER
12	WHITE PLASTIC

Test Result(No.1):

Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.2):

Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.3):

Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.4):

Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.5):

Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.6):

Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.7):

Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.8):

Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.9):

Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.10):

Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.11):

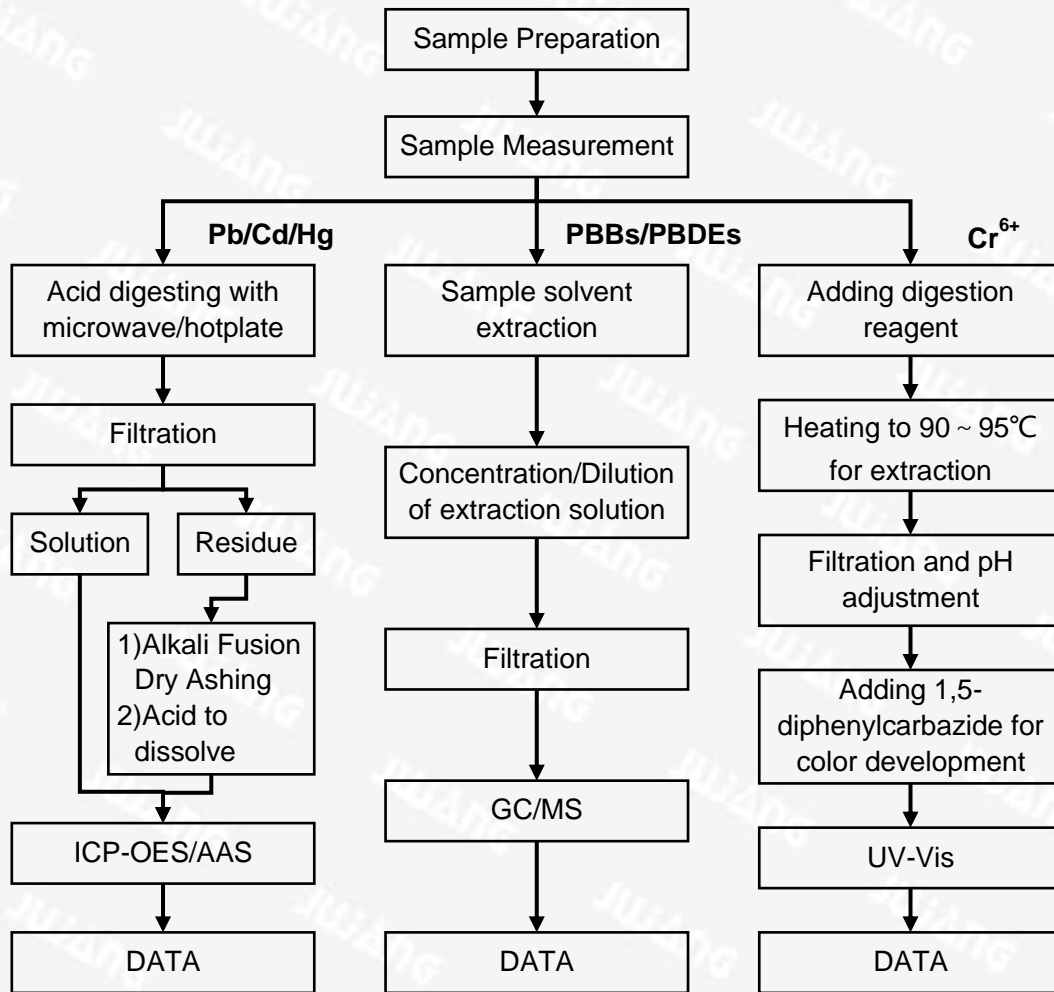
Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

Test Result(No.12):

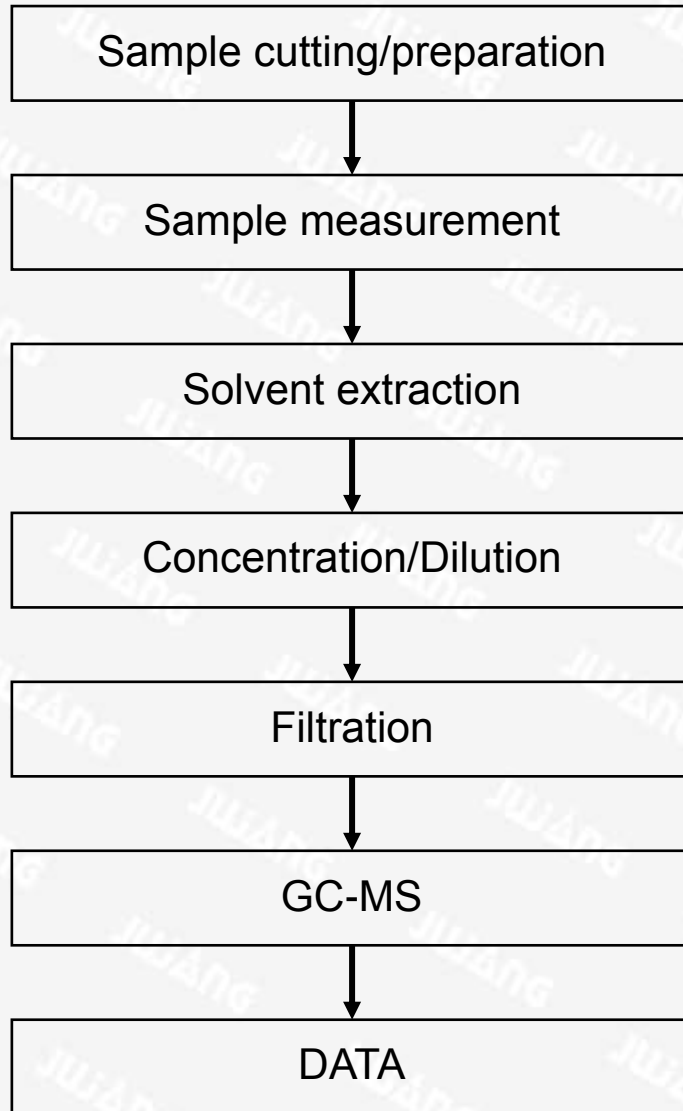
Test Item(s)	Unit	Test Method(Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	100
Lead(Pb)	mg/kg	EN 62321-5: 2013, ICP-OES	N.D.	2	1000
Mercury(Hg)	mg/kg	EN 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	EN 62321-7-1:2015, EN 62321-7-2:2017, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	1000
Monobromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
--Decabromodiphenyl ether	mg/kg	EN 62321-6: 2015, GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000
Diisobutyl phthalate (DIBP)	mg/kg	EN 62321-8:2017, GC-MS	N.D.	50	1000

- Note: 1. mg/kg= ppm**
- 2. N.D.= No Detection(<MDL)**
- 3. MDL = Method Detection Limit**
- 4. -- = No Testing**

ATTACHMENT: Cd/Pb/Hg/Cr⁶⁺/PBBs&PBDEs Flow Chart

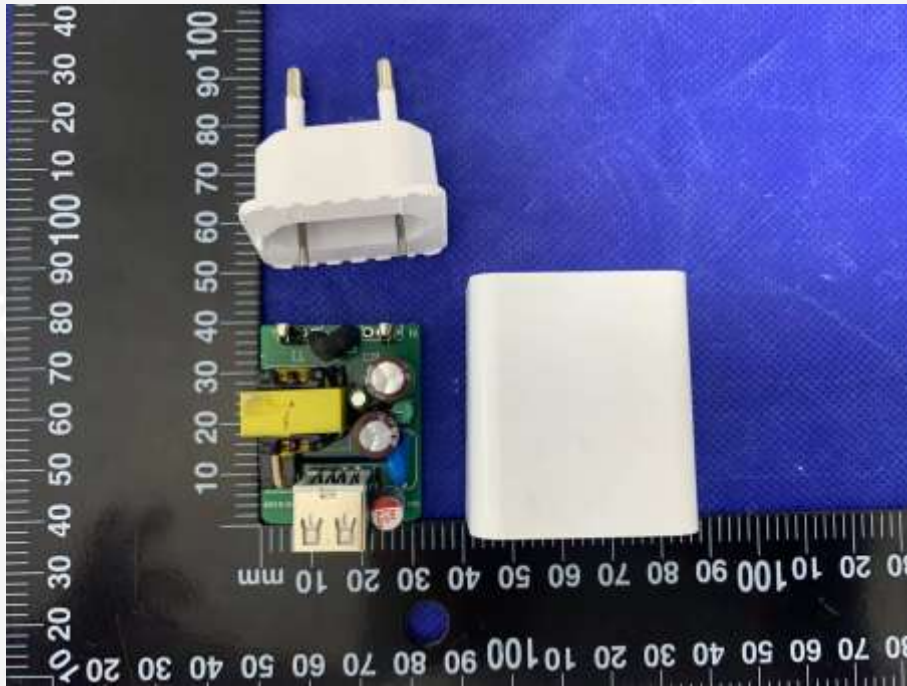


ATTACHMENT: Phthalate Testing Flow Chart



SAMPLE PHOTOS

EUT Photo 1



****End of Report***