



中国认可  
国际互认  
检测  
TESTING  
CNAS L6478



# TEST REPORT

**Report No.** ..... : WTF25F02038413R1C  
**Job No.** ..... : FSW2502250948CJ  
**Applicant** ..... : Sunlu (Guangdong) Technology Co., Ltd.  
**Address** ..... : Sunlu Technology Park, Intersection of Huanzhou North Road  
and Tanzhou Avenue, Tanzhou Town, Zhongshan City,  
Guangdong Province, China.  
**Sample Name** ..... : Refer to next page (s)  
**Test Requested** ..... : With reference to EU RoHS Directive 2011/65/EU and its  
amendment Directive EU 2015/863, to determine the Pb, Cd,  
Hg, Cr<sup>6+</sup>, PBBs, PBDEs, DBP, BBP, DEHP, DIBP content in  
the submitted sample.  
**Test Method** ..... : Refer to next page (s)  
**Test Conclusion** ..... : **Pass**  
**Date of Receipt sample** ..... : 2025-02-25  
**Testing period** ..... : 2025-02-25 to 2025-03-05  
**Date of Issue** ..... : 2025-03-05  
**Test Result** ..... : Refer to next page (s)

**Prepared By:**

**Waltek Testing Group (Foshan) Co., Ltd.**

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Signed for and on behalf of  
Waltek Testing Group (Foshan) Co., Ltd.

*Swing Liang*



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<http://www.waltek.com.cn>



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Specimen No.	Specimen Description	Sample Name
1	Brown plastic wire covering	PLA
2	Red plastic wire covering	PLA+
3	White plastic wire covering	PLA+2.0
4	Yellow-green plastic wire covering	PLA Matte Filament
5	Light blue plastic wire covering	APLA
6	Green plastic wire covering	ABS
7	Orange plastic wire covering	PETG
8	Black plastic wire covering	High Speed PLA
9	Black plastic wire covering	High Speed PLA+
10	White plastic wire covering	High Speed ABS
11	Yellow plastic wire covering	Silk PLA+
12	Green plastic wire covering	PLA Glow In The Dark
13	Blue plastic wire covering with flashing powder	PLA Twinkling
14	Light blue plastic wire covering	TPU Silk
15	White plastic wire covering	TPU
16	Black plastic wire covering	PLA Carbon Fiber
17	Black plastic wire covering	PETG Carbon Fiber
18	Yellow transparent plastic wire covering	PVA
19	Dark blue plastic wire covering	PVB
20	Black plastic wire covering	Easy PA
21	Black plastic wire covering	PA6-CF



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**Sample photo:**



**No.1**



**No.2**



**No.3**



**No.4**



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No.5



No.6



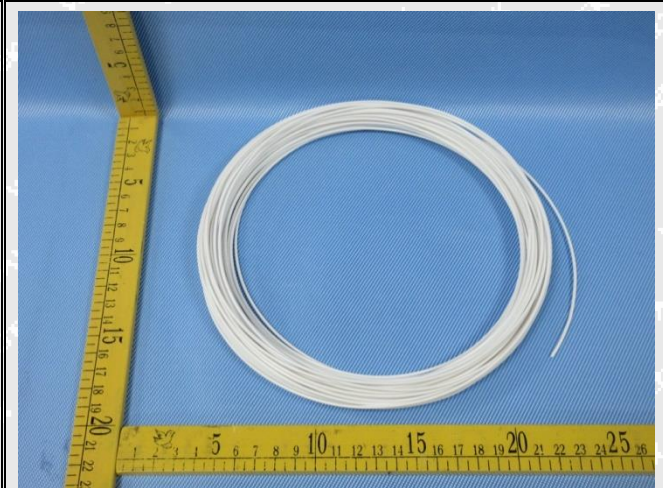
No.7



No.8



No.9

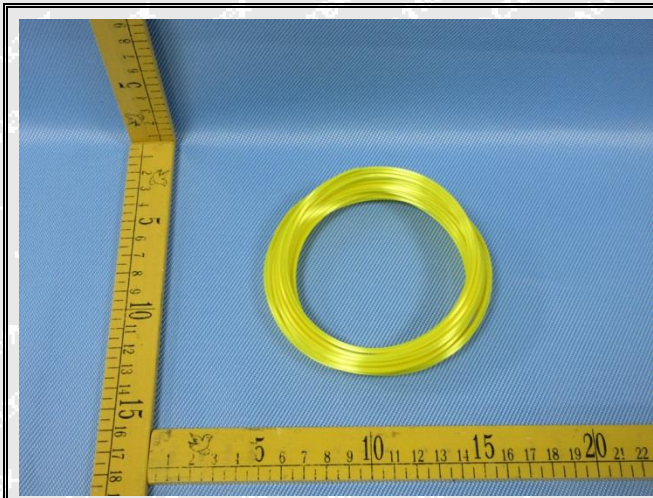


No.10



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No.11



No.12



No.13



No.14



No.15



No.16



No.17



No.18



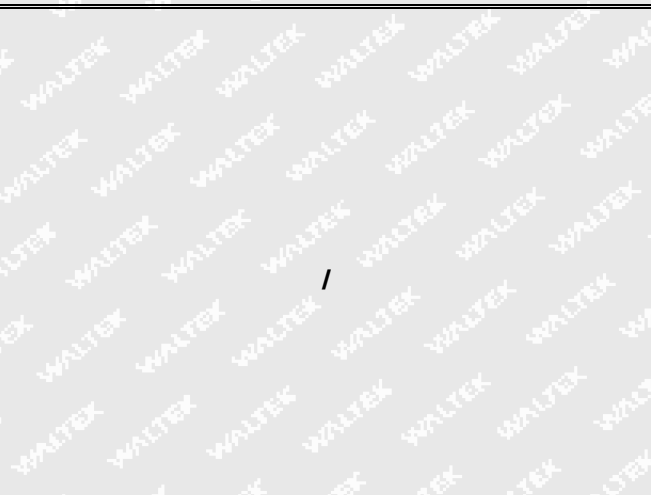
No.19



No.20



No.21



**Test Results:**

Test Method/Equipment:

-With reference to IEC 62321-5:2013, determination of Pb, Cd by ICP-OES

-With reference to IEC 62321-4:2013+AMD1:2017 CSV, determination of Hg by ICP-OES

-With reference to IEC 62321-7-2:2017, determination of Cr<sup>6+</sup> by UV-Vis

-With reference to IEC 62321-6:2015, determination of PBBs, PBDEs by GC-MS

-With reference to IEC 62321-8:2017, determination of DBP, BBP, DEHP, DIBP by GC-MS

Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.1	No.2	
Lead(Pb)	mg/kg	2	ND	ND	1000
Cadmium(Cd)	mg/kg	2	ND	ND	100
Mercury(Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	ND	1000
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	1000
Mono-bromobiphenyl	mg/kg	5	ND	ND	--
Di-bromobiphenyl	mg/kg	5	ND	ND	--
Tri-bromobiphenyl	mg/kg	5	ND	ND	--
Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
Penta-bromobiphenyl	mg/kg	5	ND	ND	--
Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
Octa-bromobiphenyl	mg/kg	5	ND	ND	--
Nona-bromobiphenyl	mg/kg	5	ND	ND	--
Deca-bromobiphenyl	mg/kg	5	ND	ND	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	1000
Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	1000



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Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.1	No.2	
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	<b>Pass</b>	--

Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.3	No.4	
Lead(Pb)	mg/kg	2	ND	ND	1000
Cadmium(Cd)	mg/kg	2	ND	ND	100
Mercury(Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	ND	1000
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	1000
Mono-bromobiphenyl	mg/kg	5	ND	ND	--
Di-bromobiphenyl	mg/kg	5	ND	ND	--
Tri-bromobiphenyl	mg/kg	5	ND	ND	--
Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
Penta-bromobiphenyl	mg/kg	5	ND	ND	--
Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
Octa-bromobiphenyl	mg/kg	5	ND	ND	--
Nona-bromobiphenyl	mg/kg	5	ND	ND	--
Deca-bromobiphenyl	mg/kg	5	ND	ND	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	1000
Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	1000
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	<b>Pass</b>	--



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Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.5	No.6	
Lead(Pb)	mg/kg	2	ND	ND	1000
Cadmium(Cd)	mg/kg	2	ND	ND	100
Mercury(Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	ND	1000
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	1000
Mono-bromobiphenyl	mg/kg	5	ND	ND	--
Di-bromobiphenyl	mg/kg	5	ND	ND	--
Tri-bromobiphenyl	mg/kg	5	ND	ND	--
Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
Penta-bromobiphenyl	mg/kg	5	ND	ND	--
Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
Octa-bromobiphenyl	mg/kg	5	ND	ND	--
Nona-bromobiphenyl	mg/kg	5	ND	ND	--
Deca-bromobiphenyl	mg/kg	5	ND	ND	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	1000
Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	1000
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	<b>Pass</b>	--

Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.7	No.8	
Lead(Pb)	mg/kg	2	ND	ND	1000
Cadmium(Cd)	mg/kg	2	ND	ND	100



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Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.7	No.8	
Mercury(Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	ND	1000
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	1000
Mono-bromobiphenyl	mg/kg	5	ND	ND	--
Di-bromobiphenyl	mg/kg	5	ND	ND	--
Tri-bromobiphenyl	mg/kg	5	ND	ND	--
Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
Penta-bromobiphenyl	mg/kg	5	ND	ND	--
Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
Octa-bromobiphenyl	mg/kg	5	ND	ND	--
Nona-bromobiphenyl	mg/kg	5	ND	ND	--
Deca-bromobiphenyl	mg/kg	5	ND	ND	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	1000
Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	1000
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	<b>Pass</b>	--

Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.9	No.10	
Lead(Pb)	mg/kg	2	ND	ND	1000
Cadmium(Cd)	mg/kg	2	ND	ND	100
Mercury(Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	ND	1000



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Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.9	No.10	
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	1000
Mono-bromobiphenyl	mg/kg	5	ND	ND	--
Di-bromobiphenyl	mg/kg	5	ND	ND	--
Tri-bromobiphenyl	mg/kg	5	ND	ND	--
Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
Penta-bromobiphenyl	mg/kg	5	ND	ND	--
Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
Octa-bromobiphenyl	mg/kg	5	ND	ND	--
Nona-bromobiphenyl	mg/kg	5	ND	ND	--
Deca-bromobiphenyl	mg/kg	5	ND	ND	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	1000
Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	1000
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	<b>Pass</b>	--

Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.11	No.12	
Lead(Pb)	mg/kg	2	ND	ND	1000
Cadmium(Cd)	mg/kg	2	ND	ND	100
Mercury(Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	ND	1000
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	1000
Mono-bromobiphenyl	mg/kg	5	ND	ND	--



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Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.11	No.12	
Di-bromobiphenyl	mg/kg	5	ND	ND	--
Tri-bromobiphenyl	mg/kg	5	ND	ND	--
Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
Penta-bromobiphenyl	mg/kg	5	ND	ND	--
Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
Octa-bromobiphenyl	mg/kg	5	ND	ND	--
Nona-bromobiphenyl	mg/kg	5	ND	ND	--
Deca-bromobiphenyl	mg/kg	5	ND	ND	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	1000
Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	1000
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	<b>Pass</b>	--

Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.13	No.14	
Lead(Pb)	mg/kg	2	ND	ND	1000
Cadmium(Cd)	mg/kg	2	ND	ND	100
Mercury(Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	ND	1000
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	1000
Mono-bromobiphenyl	mg/kg	5	ND	ND	--
Di-bromobiphenyl	mg/kg	5	ND	ND	--
Tri-bromobiphenyl	mg/kg	5	ND	ND	--



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Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.13	No.14	
Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
Penta-bromobiphenyl	mg/kg	5	ND	ND	--
Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
Octa-bromobiphenyl	mg/kg	5	ND	ND	--
Nona-bromobiphenyl	mg/kg	5	ND	ND	--
Deca-bromobiphenyl	mg/kg	5	ND	ND	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	1000
Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	1000
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	<b>Pass</b>	--

Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.15	No.16	
Lead(Pb)	mg/kg	2	ND	ND	1000
Cadmium(Cd)	mg/kg	2	ND	ND	100
Mercury(Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	ND	1000
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	1000
Mono-bromobiphenyl	mg/kg	5	ND	ND	--
Di-bromobiphenyl	mg/kg	5	ND	ND	--
Tri-bromobiphenyl	mg/kg	5	ND	ND	--
Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
Penta-bromobiphenyl	mg/kg	5	ND	ND	--



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Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.15	No.16	
Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
Octa-bromobiphenyl	mg/kg	5	ND	ND	--
Nona-bromobiphenyl	mg/kg	5	ND	ND	--
Deca-bromobiphenyl	mg/kg	5	ND	ND	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	1000
Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	1000
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	<b>Pass</b>	--

Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.17	No.18	
Lead(Pb)	mg/kg	2	ND	ND	1000
Cadmium(Cd)	mg/kg	2	ND	ND	100
Mercury(Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	ND	1000
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	1000
Mono-bromobiphenyl	mg/kg	5	ND	ND	--
Di-bromobiphenyl	mg/kg	5	ND	ND	--
Tri-bromobiphenyl	mg/kg	5	ND	ND	--
Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
Penta-bromobiphenyl	mg/kg	5	ND	ND	--
Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
Hepta-bromobiphenyl	mg/kg	5	ND	ND	--



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Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.17	No.18	
Octa-bromobiphenyl	mg/kg	5	ND	ND	--
Nona-bromobiphenyl	mg/kg	5	ND	ND	--
Deca-bromobiphenyl	mg/kg	5	ND	ND	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	1000
Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	1000
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	<b>Pass</b>	--

Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.19	No.20	
Lead(Pb)	mg/kg	2	ND	ND	1000
Cadmium(Cd)	mg/kg	2	ND	ND	100
Mercury(Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	ND	1000
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	1000
Mono-bromobiphenyl	mg/kg	5	ND	ND	--
Di-bromobiphenyl	mg/kg	5	ND	ND	--
Tri-bromobiphenyl	mg/kg	5	ND	ND	--
Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
Penta-bromobiphenyl	mg/kg	5	ND	ND	--
Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
Octa-bromobiphenyl	mg/kg	5	ND	ND	--
Nona-bromobiphenyl	mg/kg	5	ND	ND	--



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Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.19	No.20	
Deca-bromobiphenyl	mg/kg	5	ND	ND	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	1000
Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	1000
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	<b>Pass</b>	--

Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.21	--	
Lead(Pb)	mg/kg	2	ND	--	1000
Cadmium(Cd)	mg/kg	2	ND	--	100
Mercury(Hg)	mg/kg	2	ND	--	1000
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	8	ND	--	1000
Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	--	1000
Mono-bromobiphenyl	mg/kg	5	ND	--	--
Di-bromobiphenyl	mg/kg	5	ND	--	--
Tri-bromobiphenyl	mg/kg	5	ND	--	--
Tetra-bromobiphenyl	mg/kg	5	ND	--	--
Penta-bromobiphenyl	mg/kg	5	ND	--	--
Hexa-bromobiphenyl	mg/kg	5	ND	--	--
Hepta-bromobiphenyl	mg/kg	5	ND	--	--
Octa-bromobiphenyl	mg/kg	5	ND	--	--
Nona-bromobiphenyl	mg/kg	5	ND	--	--
Deca-bromobiphenyl	mg/kg	5	ND	--	--
Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	--	1000



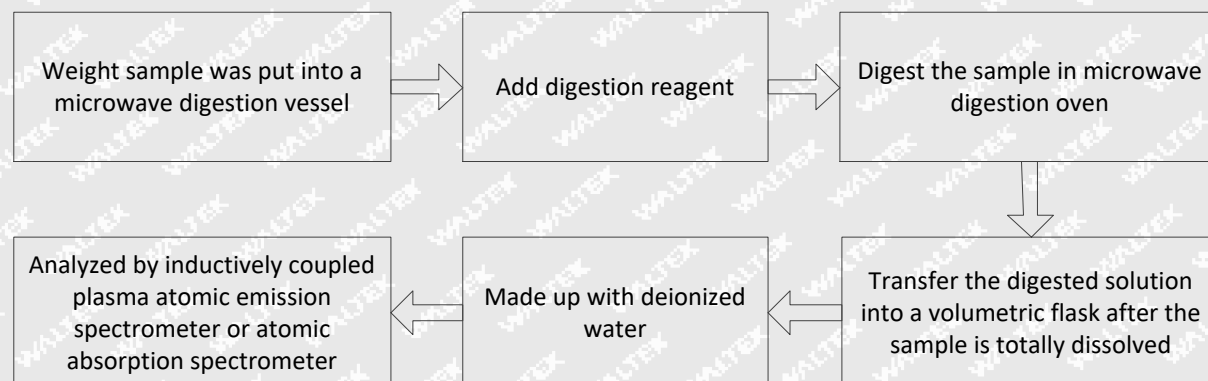
Test Item(s)	Unit	LOQ	Result(s)		Limit
			No.21	--	
Mono-bromodiphenyl ether	mg/kg	5	ND	--	--
Di-bromodiphenyl ether	mg/kg	5	ND	--	--
Tri-bromodiphenyl ether	mg/kg	5	ND	--	--
Tetra-bromodiphenyl ether	mg/kg	5	ND	--	--
Penta-bromodiphenyl ether	mg/kg	5	ND	--	--
Hexa-bromodiphenyl ether	mg/kg	5	ND	--	--
Hepta-bromodiphenyl ether	mg/kg	5	ND	--	--
Octa-bromodiphenyl ether	mg/kg	5	ND	--	--
Nona-bromodiphenyl ether	mg/kg	5	ND	--	--
Deca-bromodiphenyl ether	mg/kg	5	ND	--	--
Dibutyl phthalate(DBP)	mg/kg	50	ND	--	1000
Butylbenzyl phthalate(BBP)	mg/kg	50	ND	--	1000
Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	--	1000
Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	--	1000
<b>Conclusion</b>	--	--	<b>Pass</b>	--	--

**Note:**

- (1)mg/kg (milligram per kilogram) = ppm (parts per million)  
(2)ND=Not Detected or lower than limit of quantitation  
(3)LOQ =Limit of quantitation  
(4)"--"=Not regulated

**Testing Flow chart:**

Lead(Pb), Cadmium(Cd), Mercury(Hg)

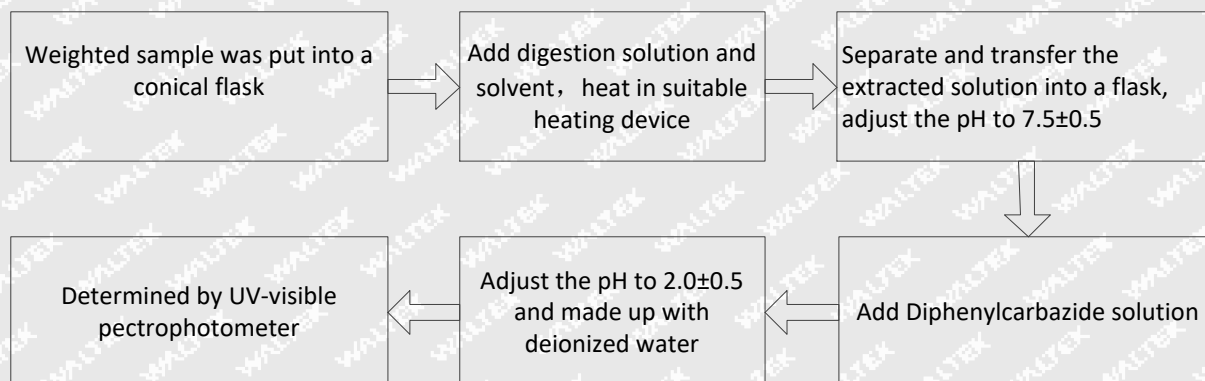




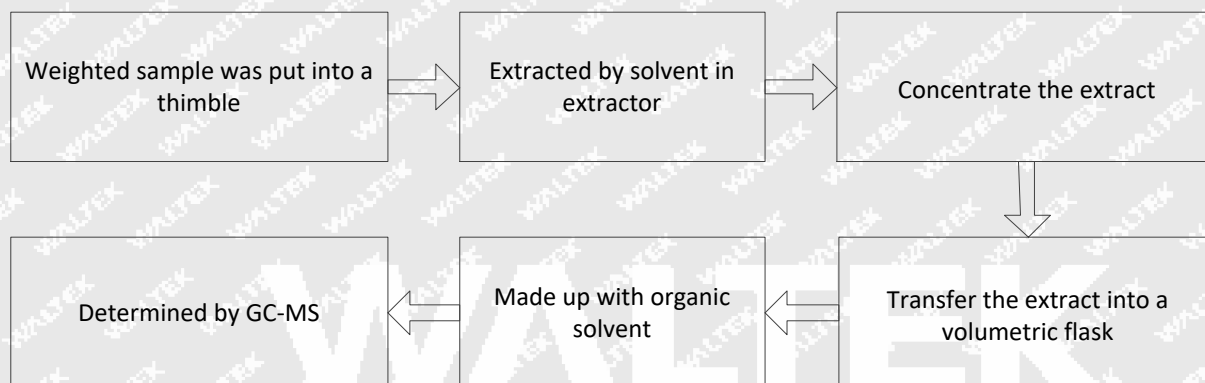
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### Hexavalent Chromium(Cr<sup>6+</sup>)



### Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Dibutyl phthalate(DBP), Butylbenzyl phthalate(BBP), Di-(2-ethylhexyl) phthalate(DEHP), Di-iso-butyl phthalate(DIBP)



### Remarks:

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===== End of Report =====