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检测
TESTING
CNAS L6478



检测报告

TEST REPORT

报告编号/ Report No. : WTF25F03070494R1C
 任务号/ Job No. : FSW2503251185CJ
 委托方/ Applicant : 福建赛特新材股份有限公司
 Fujian Super Tech Advanced Material Co., Ltd.
 地址/ Address : 福建省龙岩市连城县工业园区
 Liancheng Industrial Zone, Longyan City, Fujian Province,
 China
 样品名称/ Sample Name : 真空绝热板/ Vacuum insulation plate
 客户描述/ Client's Description : 参见报告下页/ Refer to next page (s)
 检测要求/ Test Requested : 根据客户要求, 参照欧盟 RoHS 指令 2011/65/EU 及其修订指令
 EU 2015/863, 测试送检样品中的铅、镉、汞、六价铬、多溴联
 苯、多溴二苯醚、DEHP、DBP、BBP、DIBP 的含量。
 As specified by client, with reference to EU RoHS Directive
 2011/65/EU and its amendment Directive EU 2015/863, to
 determine the Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs, DEHP, DBP,
 BBP, DIBP content in the submitted sample.
 检测方法/ Test Method : 参见报告下页/ Refer to next page (s)
 检测结论/ Test Conclusion : 符合/ Pass
 样品接收日期/ Date of Receipt sample : 2025-03-25
 检测周期/ Testing period : 2025-03-25 ~ 2025-03-29
 报告日期/ Date of Issue : 2025-03-29
 检测结果/ Test Result : 参见报告下页/ Refer to next page (s)

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梁志聪

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WTF25F03070494R1C



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样品编号 Specimen No.	样品描述 Specimen Description	客户描述 Client's Description	备注 Note
1-1	黑印绿色塑料标贴 Green plastic adhesive label with black printing	/	•
1-2	绿色纸质胶带 Green paper adhesive tape	/	•
1-3	透明塑料胶带 Transparent plastic adhesive tape	/	•
1-4	银色铝箔袋连透明塑料膜 Silvery aluminum foil bag with transparent plastic film	有铝+无铝阴阳膜 Aluminum+non aluminum yin-yang film	•
1-5	灰色粉末 Grey powder	/	•
1-6	白色粉末 White powder	/	•
1-7	白色纤维袋 White fibrous bag	/	•
1-8	白色玻璃纤维棉 White glass fibrous cotton	短切丝 Short cut silk	•
1-9	银色金属帽 Silvery metal cap	/	•
2-1	黑印绿色塑料标贴 Green plastic adhesive label with black printing	/	•
2-2	透明塑料胶带 Transparent plastic adhesive tape	/	同/ Same 1-3
2-3	银色铝箔袋连透明塑料膜 Silvery aluminum foil bag with transparent plastic film	纳米膜 Nano-film	•
2-4	白色纤维袋 White fibrous bag	/	同/ Same 1-7
2-5	白色粉末 White powder	/	同/ Same 1-6
2-6	灰色粉末 Grey powder	/	同/ Same 1-5
2-7	白色玻璃纤维棉 White glass fibrous cotton	超细玻纤 Ultra fine fiberglass	•
2-8	银色金属帽 Silvery metal cap	/	同/ Same 1-9



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备注/ Note:

"●"=对本报告图片中标识的样品进行化学检测。/"●"=Actual tested sample. Chemical tests were performed for the samples indicated by the photo in this report.

"同"=表示根据客户要求，该样品与实际检测样品为同材质（或结果均引用自对应编号的报告），未测试。/"Same" = It means that as per client's requirement, the sample and the actual tested sample are of the same material (or results of the sample are quoted from corresponding number report) and have not been tested.

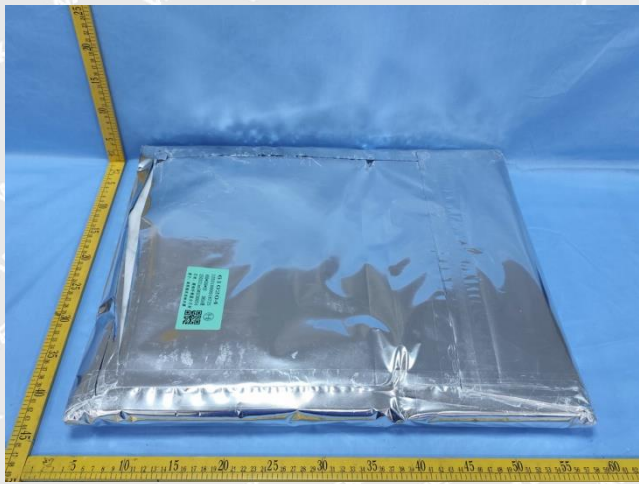
样品图片 / Sample Photo:



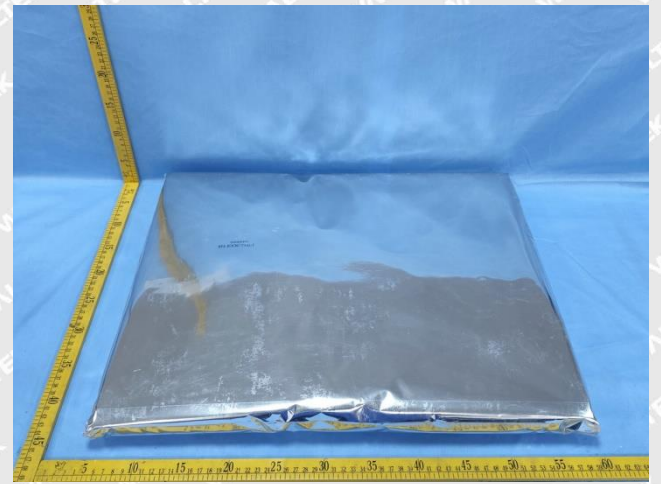
1.真空绝热板



1.真空绝热板



2.真空绝热板



2.真空绝热板



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测试结果/ Test Results:

检测方法/仪器/ Test Method/Equipment:

- 参考 IEC 62321-5:2013, 使用 ICP-OES 检测铅, 镉含量
- 参考 IEC 62321-4:2013+AMD1:2017 CSV, 使用 ICP-OES 检测汞含量
- 参考 IEC 62321-7-2:2017, 使用 UV-Vis 检测六价铬含量
- 参考 IEC 62321-6:2015, 使用 GC-MS 检测多溴联苯, 多溴二苯醚含量
- 参考 IEC 62321-8:2017, 使用 GC-MS 检测 DEHP, DBP, BBP, DIBP 含量
- 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 Cr⁶⁺ 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 DEHP, DBP, BBP, DIBP by GC-MS

检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.1-1	No.1-2	
铅(Pb)/ Lead(Pb)	mg/kg	2	ND	ND	600
镉(Cd)/ Cadmium(Cd)	mg/kg	2	ND	ND	60
汞(Hg)/ Mercury(Hg)	mg/kg	2	ND	ND	600
六价铬(Cr ⁶⁺) / Hexavalent Chromium(Cr ⁶⁺)	mg/kg	8	ND	ND	600
多溴联苯(PBBs)/ Polybrominated Biphenyls(PBBs)	mg/kg	5	ND	ND	600
一溴联苯/ Mono-bromobiphenyl	mg/kg	5	ND	ND	--
二溴联苯/ Di-bromobiphenyl	mg/kg	5	ND	ND	--
三溴联苯/ Tri-bromobiphenyl	mg/kg	5	ND	ND	--
四溴联苯/ Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
五溴联苯/ Penta-bromobiphenyl	mg/kg	5	ND	ND	--
六溴联苯/ Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
七溴联苯/ Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
八溴联苯/ Octa-bromobiphenyl	mg/kg	5	ND	ND	--
九溴联苯/ Nona-bromobiphenyl	mg/kg	5	ND	ND	--
十溴联苯/ Deca-bromobiphenyl	mg/kg	5	ND	ND	--
多溴二苯醚(PBDEs)/ Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	600
一溴二苯醚/ Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
二溴二苯醚/ Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
三溴二苯醚/ Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
四溴二苯醚/ Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
五溴二苯醚/ Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
六溴二苯醚/ Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
七溴二苯醚/ Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
八溴二苯醚/ Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--



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检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.1-1	No.1-2	
九溴二苯醚/ Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
十溴二苯醚/ Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
邻苯二甲酸二(2-乙基己基)酯(DEHP)/ Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	600
邻苯二甲酸二丁酯(DBP)/ Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	600
邻苯二甲酸丁苄酯(BBP)/ Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	600
邻苯二甲酸二异丁酯(DIBP)/ Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	600
结论 / Conclusion	--	--	符合 Pass	符合 Pass	--

检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.1-3	No.1-4	
铅(Pb)/ Lead(Pb)	mg/kg	2	ND	ND	600
镉(Cd)/ Cadmium(Cd)	mg/kg	2	ND	ND	60
汞(Hg)/ Mercury(Hg)	mg/kg	2	ND	ND	600
六价铬(Cr ⁶⁺) / Hexavalent Chromium(Cr ⁶⁺)	mg/kg	8	ND	ND	600
多溴联苯(PBBs)/ Polybrominated Biphenyls(PBBs)	mg/kg	5	ND	ND	600
一溴联苯/ Mono-bromobiphenyl	mg/kg	5	ND	ND	--
二溴联苯/ Di-bromobiphenyl	mg/kg	5	ND	ND	--
三溴联苯/ Tri-bromobiphenyl	mg/kg	5	ND	ND	--
四溴联苯/ Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
五溴联苯/ Penta-bromobiphenyl	mg/kg	5	ND	ND	--
六溴联苯/ Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
七溴联苯/ Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
八溴联苯/ Octa-bromobiphenyl	mg/kg	5	ND	ND	--
九溴联苯/ Nona-bromobiphenyl	mg/kg	5	ND	ND	--
十溴联苯/ Deca-bromobiphenyl	mg/kg	5	ND	ND	--
多溴二苯醚(PBDEs)/ Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	600
一溴二苯醚/ Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
二溴二苯醚/ Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
三溴二苯醚/ Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
四溴二苯醚/ Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
五溴二苯醚/ Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--



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检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.1-3	No.1-4	
六溴二苯醚/ Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
七溴二苯醚/ Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
八溴二苯醚/ Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
九溴二苯醚/ Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
十溴二苯醚/ Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
邻苯二甲酸二(2-乙基己基)酯(DEHP)/ Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	600
邻苯二甲酸二丁酯(DBP)/ Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	600
邻苯二甲酸丁苄酯(BBP)/ Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	600
邻苯二甲酸二异丁酯(DIBP)/ Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	600
结论 / Conclusion	--	--	符合 Pass	符合 Pass	--

检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.1-5	No.1-6	
铅(Pb)/ Lead(Pb)	mg/kg	2	ND	ND	600
镉(Cd)/ Cadmium(Cd)	mg/kg	2	ND	ND	60
汞(Hg)/ Mercury(Hg)	mg/kg	2	ND	ND	600
六价铬(Cr ⁶⁺) / Hexavalent Chromium(Cr ⁶⁺)	mg/kg	8	ND	ND	600
多溴联苯(PBBs)/ Polybrominated Biphenyls(PBBs)	mg/kg	5	ND	ND	600
一溴联苯/ Mono-bromobiphenyl	mg/kg	5	ND	ND	--
二溴联苯/ Di-bromobiphenyl	mg/kg	5	ND	ND	--
三溴联苯/ Tri-bromobiphenyl	mg/kg	5	ND	ND	--
四溴联苯/ Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
五溴联苯/ Penta-bromobiphenyl	mg/kg	5	ND	ND	--
六溴联苯/ Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
七溴联苯/ Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
八溴联苯/ Octa-bromobiphenyl	mg/kg	5	ND	ND	--
九溴联苯/ Nona-bromobiphenyl	mg/kg	5	ND	ND	--
十溴联苯/ Deca-bromobiphenyl	mg/kg	5	ND	ND	--
多溴二苯醚(PBDEs)/ Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	600
一溴二苯醚/ Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
二溴二苯醚/ Di-bromodiphenyl ether	mg/kg	5	ND	ND	--



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检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.1-5	No.1-6	
三溴二苯醚/ Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
四溴二苯醚/ Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
五溴二苯醚/ Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
六溴二苯醚/ Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
七溴二苯醚/ Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
八溴二苯醚/ Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
九溴二苯醚/ Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
十溴二苯醚/ Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
邻苯二甲酸二(2-乙基己基)酯(DEHP)/ Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	600
邻苯二甲酸二丁酯(DBP)/ Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	600
邻苯二甲酸丁苄酯(BBP)/ Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	600
邻苯二甲酸二异丁酯(DIBP)/ Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	600
结论 / Conclusion	--	--	符合 Pass	符合 Pass	--

检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.1-7	No.1-8	
铅(Pb)/ Lead(Pb)	mg/kg	2	ND	ND	600
镉(Cd)/ Cadmium(Cd)	mg/kg	2	ND	ND	60
汞(Hg)/ Mercury(Hg)	mg/kg	2	ND	ND	600
六价铬(Cr ⁶⁺)/ Hexavalent Chromium(Cr ⁶⁺)	mg/kg	8	ND	ND	600
多溴联苯(PBBs)/ Polybrominated Biphenyls(PBBs)	mg/kg	5	ND	ND	600
一溴联苯/ Mono-bromobiphenyl	mg/kg	5	ND	ND	--
二溴联苯/ Di-bromobiphenyl	mg/kg	5	ND	ND	--
三溴联苯/ Tri-bromobiphenyl	mg/kg	5	ND	ND	--
四溴联苯/ Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
五溴联苯/ Penta-bromobiphenyl	mg/kg	5	ND	ND	--
六溴联苯/ Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
七溴联苯/ Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
八溴联苯/ Octa-bromobiphenyl	mg/kg	5	ND	ND	--
九溴联苯/ Nona-bromobiphenyl	mg/kg	5	ND	ND	--
十溴联苯/ Deca-bromobiphenyl	mg/kg	5	ND	ND	--



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检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.1-7	No.1-8	
多溴二苯醚(PBDEs)/ Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	600
一溴二苯醚/ Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
二溴二苯醚/ Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
三溴二苯醚/ Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
四溴二苯醚/ Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
五溴二苯醚/ Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
六溴二苯醚/ Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
七溴二苯醚/ Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
八溴二苯醚/ Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
九溴二苯醚/ Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
十溴二苯醚/ Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
邻苯二甲酸二(2-乙基己基)酯(DEHP)/ Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	600
邻苯二甲酸二丁酯(DBP)/ Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	600
邻苯二甲酸丁苄酯(BBP)/ Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	600
邻苯二甲酸二异丁酯(DIBP)/ Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	600
结论 / Conclusion	--	--	符合 Pass	符合 Pass	--

检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.2-1	No.2-2	
铅(Pb)/ Lead(Pb)	mg/kg	2	ND	ND	600
镉(Cd)/ Cadmium(Cd)	mg/kg	2	ND	ND	60
汞(Hg)/ Mercury(Hg)	mg/kg	2	ND	ND	600
六价铬(Cr ⁶⁺) / Hexavalent Chromium(Cr ⁶⁺)	mg/kg	8	ND	ND	600
多溴联苯(PBBs)/ Polybrominated Biphenyls(PBBs)	mg/kg	5	ND	ND	600
一溴联苯/ Mono-bromobiphenyl	mg/kg	5	ND	ND	--
二溴联苯/ Di-bromobiphenyl	mg/kg	5	ND	ND	--
三溴联苯/ Tri-bromobiphenyl	mg/kg	5	ND	ND	--
四溴联苯/ Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
五溴联苯/ Penta-bromobiphenyl	mg/kg	5	ND	ND	--
六溴联苯/ Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
七溴联苯/ Hepta-bromobiphenyl	mg/kg	5	ND	ND	--



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检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.2-1	No.2-2	
八溴联苯/ Octa-bromobiphenyl	mg/kg	5	ND	ND	--
九溴联苯/ Nona-bromobiphenyl	mg/kg	5	ND	ND	--
十溴联苯/ Deca-bromobiphenyl	mg/kg	5	ND	ND	--
多溴二苯醚(PBDEs)/ Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	600
一溴二苯醚/ Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
二溴二苯醚/ Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
三溴二苯醚/ Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
四溴二苯醚/ Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
五溴二苯醚/ Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
六溴二苯醚/ Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
七溴二苯醚/ Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
八溴二苯醚/ Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
九溴二苯醚/ Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
十溴二苯醚/ Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
邻苯二甲酸二(2-乙基己基)酯(DEHP)/ Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	600
邻苯二甲酸二丁酯(DBP)/ Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	600
邻苯二甲酸丁苄酯(BBP)/ Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	600
邻苯二甲酸二异丁酯(DIBP)/ Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	600
结论 / Conclusion	--	--	符合 Pass	符合 Pass	--

检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.2-3	No.2-4	
铅(Pb)/ Lead(Pb)	mg/kg	2	ND	ND	600
镉(Cd)/ Cadmium(Cd)	mg/kg	2	ND	ND	60
汞(Hg)/ Mercury(Hg)	mg/kg	2	ND	ND	600
六价铬(Cr ⁶⁺)/ Hexavalent Chromium(Cr ⁶⁺)	mg/kg	8	ND	ND	600
多溴联苯(PBBs)/ Polybrominated Biphenyls(PBBs)	mg/kg	5	ND	ND	600
一溴联苯/ Mono-bromobiphenyl	mg/kg	5	ND	ND	--
二溴联苯/ Di-bromobiphenyl	mg/kg	5	ND	ND	--
三溴联苯/ Tri-bromobiphenyl	mg/kg	5	ND	ND	--
四溴联苯/ Tetra-bromobiphenyl	mg/kg	5	ND	ND	--



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检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.2-3	No.2-4	
五溴联苯/ Penta-bromobiphenyl	mg/kg	5	ND	ND	--
六溴联苯/ Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
七溴联苯/ Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
八溴联苯/ Octa-bromobiphenyl	mg/kg	5	ND	ND	--
九溴联苯/ Nona-bromobiphenyl	mg/kg	5	ND	ND	--
十溴联苯/ Deca-bromobiphenyl	mg/kg	5	ND	ND	--
多溴二苯醚(PBDEs)/ Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	600
一溴二苯醚/ Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
二溴二苯醚/ Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
三溴二苯醚/ Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
四溴二苯醚/ Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
五溴二苯醚/ Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
六溴二苯醚/ Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
七溴二苯醚/ Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
八溴二苯醚/ Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
九溴二苯醚/ Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
十溴二苯醚/ Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
邻苯二甲酸二(2-乙基己基)酯(DEHP)/ Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	600
邻苯二甲酸二丁酯(DBP)/ Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	600
邻苯二甲酸丁苄酯(BBP)/ Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	600
邻苯二甲酸二异丁酯(DIBP)/ Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	600
结论 / Conclusion	--	--	符合 Pass	符合 Pass	--

检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.2-5	No.2-6	
铅(Pb)/ Lead(Pb)	mg/kg	2	ND	ND	600
镉(Cd)/ Cadmium(Cd)	mg/kg	2	ND	ND	60
汞(Hg)/ Mercury(Hg)	mg/kg	2	ND	ND	600
六价铬(Cr ⁶⁺)/ Hexavalent Chromium(Cr ⁶⁺)	mg/kg	8	ND	ND	600
多溴联苯(PBBs)/ Polybrominated Biphenyls(PBBs)	mg/kg	--	ND	ND	600
一溴联苯/ Mono-bromobiphenyl	mg/kg	5	ND	ND	--



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检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.2-5	No.2-6	
二溴联苯/ Di-bromobiphenyl	mg/kg	5	ND	ND	--
三溴联苯/ Tri-bromobiphenyl	mg/kg	5	ND	ND	--
四溴联苯/ Tetra-bromobiphenyl	mg/kg	5	ND	ND	--
五溴联苯/ Penta-bromobiphenyl	mg/kg	5	ND	ND	--
六溴联苯/ Hexa-bromobiphenyl	mg/kg	5	ND	ND	--
七溴联苯/ Hepta-bromobiphenyl	mg/kg	5	ND	ND	--
八溴联苯/ Octa-bromobiphenyl	mg/kg	5	ND	ND	--
九溴联苯/ Nona-bromobiphenyl	mg/kg	5	ND	ND	--
十溴联苯/ Deca-bromobiphenyl	mg/kg	5	ND	ND	--
多溴二苯醚(PBDEs)/ Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	ND	600
一溴二苯醚/ Mono-bromodiphenyl ether	mg/kg	5	ND	ND	--
二溴二苯醚/ Di-bromodiphenyl ether	mg/kg	5	ND	ND	--
三溴二苯醚/ Tri-bromodiphenyl ether	mg/kg	5	ND	ND	--
四溴二苯醚/ Tetra-bromodiphenyl ether	mg/kg	5	ND	ND	--
五溴二苯醚/ Penta-bromodiphenyl ether	mg/kg	5	ND	ND	--
六溴二苯醚/ Hexa-bromodiphenyl ether	mg/kg	5	ND	ND	--
七溴二苯醚/ Hepta-bromodiphenyl ether	mg/kg	5	ND	ND	--
八溴二苯醚/ Octa-bromodiphenyl ether	mg/kg	5	ND	ND	--
九溴二苯醚/ Nona-bromodiphenyl ether	mg/kg	5	ND	ND	--
十溴二苯醚/ Deca-bromodiphenyl ether	mg/kg	5	ND	ND	--
邻苯二甲酸二(2-乙基己基)酯(DEHP)/ Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	ND	600
邻苯二甲酸二丁酯(DBP)/ Dibutyl phthalate(DBP)	mg/kg	50	ND	ND	600
邻苯二甲酸丁苄酯(BBP)/ Butylbenzyl phthalate(BBP)	mg/kg	50	ND	ND	600
邻苯二甲酸二异丁酯(DIBP)/ Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	ND	600
结论 / Conclusion	--	--	符合 Pass	符合 Pass	--

检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.2-7	--	
铅(Pb)/ Lead(Pb)	mg/kg	2	ND	--	600
镉(Cd)/ Cadmium(Cd)	mg/kg	2	ND	--	60
汞(Hg)/ Mercury(Hg)	mg/kg	2	ND	--	600
六价铬(Cr ⁶⁺)/ Hexavalent Chromium(Cr ⁶⁺)	mg/kg	8	ND	--	600



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检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.2-7	--	
多溴联苯(PBBs)/ Polybrominated Biphenyls(PBBs)	mg/kg	5	ND	--	600
一溴联苯/ Mono-bromobiphenyl	mg/kg	5	ND	--	--
二溴联苯/ Di-bromobiphenyl	mg/kg	5	ND	--	--
三溴联苯/ Tri-bromobiphenyl	mg/kg	5	ND	--	--
四溴联苯/ Tetra-bromobiphenyl	mg/kg	5	ND	--	--
五溴联苯/ Penta-bromobiphenyl	mg/kg	5	ND	--	--
六溴联苯/ Hexa-bromobiphenyl	mg/kg	5	ND	--	--
七溴联苯/ Hepta-bromobiphenyl	mg/kg	5	ND	--	--
八溴联苯/ Octa-bromobiphenyl	mg/kg	5	ND	--	--
九溴联苯/ Nona-bromobiphenyl	mg/kg	5	ND	--	--
十溴联苯/ Deca-bromobiphenyl	mg/kg	5	ND	--	--
多溴二苯醚(PBDEs)/ Polybrominated Diphenyl Ethers(PBDEs)	mg/kg	--	ND	--	600
一溴二苯醚/ Mono-bromodiphenyl ether	mg/kg	5	ND	--	--
二溴二苯醚/ Di-bromodiphenyl ether	mg/kg	5	ND	--	--
三溴二苯醚/ Tri-bromodiphenyl ether	mg/kg	5	ND	--	--
四溴二苯醚/ Tetra-bromodiphenyl ether	mg/kg	5	ND	--	--
五溴二苯醚/ Penta-bromodiphenyl ether	mg/kg	5	ND	--	--
六溴二苯醚/ Hexa-bromodiphenyl ether	mg/kg	5	ND	--	--
七溴二苯醚/ Hepta-bromodiphenyl ether	mg/kg	5	ND	--	--
八溴二苯醚/ Octa-bromodiphenyl ether	mg/kg	5	ND	--	--
九溴二苯醚/ Nona-bromodiphenyl ether	mg/kg	5	ND	--	--
十溴二苯醚/ Deca-bromodiphenyl ether	mg/kg	5	ND	--	--
邻苯二甲酸二(2-乙基己基)酯(DEHP)/ Di-(2-ethylhexyl) phthalate(DEHP)	mg/kg	50	ND	--	600
邻苯二甲酸二丁酯(DBP)/ Dibutyl phthalate(DBP)	mg/kg	50	ND	--	600
邻苯二甲酸丁苄酯(BBP)/ Butylbenzyl phthalate(BBP)	mg/kg	50	ND	--	600
邻苯二甲酸二异丁酯(DIBP)/ Di-iso-butyl phthalate(DIBP)	mg/kg	50	ND	--	600
结论 / Conclusion	--	--	符合 Pass	--	--



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检测方法/仪器/ Test Method/Equipment:

- 参考 IEC 62321-5:2013, 使用 ICP-OES 检测铅, 镉含量
- 参考 IEC 62321-4:2013+AMD1:2017 CSV, 使用 ICP-OES 检测汞含量
- 参考 IEC 62321-7-1:2015, 使用 UV-Vis 检测六价铬含量
- 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 62321-7-1:2015, determination of Cr⁶⁺ by UV-Vis

检测项目 Test Item(s)	单位 Unit	定量限 LOQ	结果 Result(s)		限值 Limit
			No.1-9	No.2-8	
铅(Pb)/ Lead(Pb)	mg/kg	2	51	51	600
镉(Cd)/ Cadmium(Cd)	mg/kg	2	ND	ND	60
汞(Hg)/ Mercury(Hg)	mg/kg	2	ND	ND	600
六价铬(Cr ⁶⁺)/ Hexavalent Chromium(Cr ⁶⁺)	µg/cm ²	0.10	ND*	ND*	<0.10
结论 / Conclusion	--	--	符合 Pass	符合 Pass	--

备注/ Note:

- (1)µg/cm² =微克每平方米/ µg/cm² =microgram per square centimeter
- (2)mg/kg (毫克每千克) = ppm (百万分之)/ mg/kg (milligram per kilogram) = ppm (parts per million)
- (3)ND=未检出, 检测值小于定量限/ ND=Not Detected or lower than limit of quantitation
- (4)LOQ =定量限/ LOQ =Limit of quantitation
- (5)"--"=未规定/ "--"=Not regulated
- (6)限值要求由客户提供。/ The limits were provided by client.
- (7)根据 IEC 62321-7-1: 2015 沸水萃取:
未检出* =阴性, 表示涂层不存在 Cr⁶⁺, 即在沸水萃取溶液中六价铬浓度小于 0.10µg/cm²
不确定 = 即在沸水萃取溶液中六价铬浓度大于或等于 0.10µg/cm²和小于或等于 0.13µg/cm²
阳性 = 表示涂层存在 Cr⁶⁺, 即在沸水萃取溶液中六价铬浓度大于 0.13µg/cm²
关于金属样品的保存条件和生产日期将不能被采用, 其测试结果只能证明当下方法测试下样品是否存在/不存在 Cr⁶⁺。
According to IEC 62321-7-1:2015, boiling water extraction:
ND* = Negative, Absence of Cr⁶⁺ coating, the detected concentration in boiling water extraction solution is less than 0.10µg/cm².
Inconclusive = the detected concentration in boiling water extraction solution is greater than or equal to 0.10µg/cm² and less than or equal to 0.13µg/cm².
Positive = Presence of Cr⁶⁺ coating, the detected concentration in boiling water extraction solution is greater than 0.13µg/cm².
Information on storage conditions and production date of the tested sample is unavailable and thus Cr⁶⁺ results represent status of the sample at the time of testing.

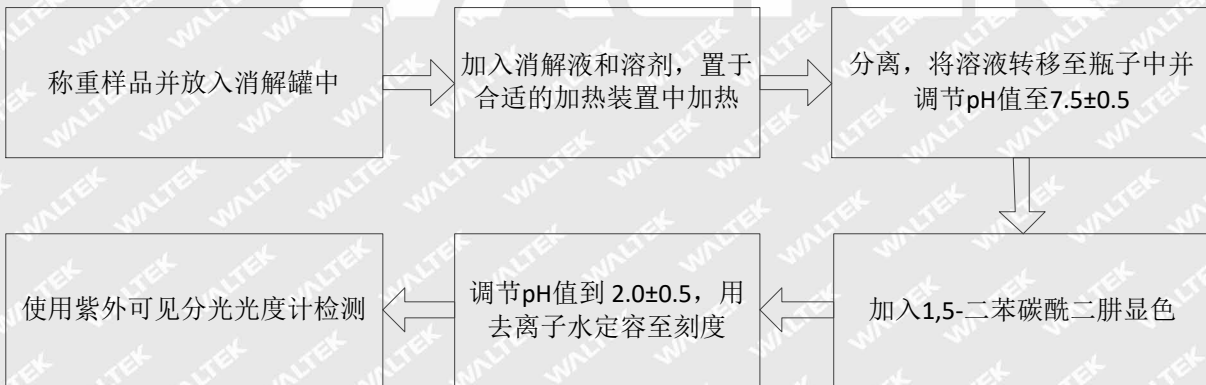


测试流程图 / Testing Flow chart:

铅(Pb)、镉(Cd)、汞(Hg)



六价铬(Cr⁶⁺)





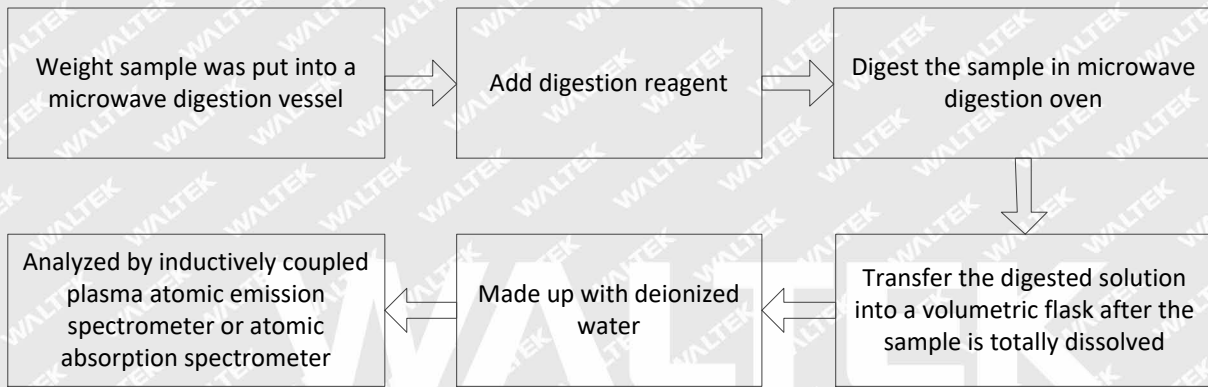
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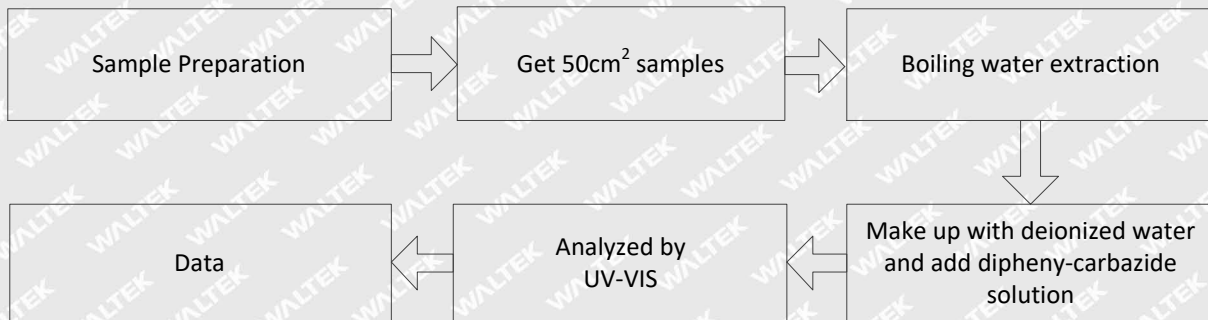
多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸二丁酯(DBP)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二(2-乙基己基)酯(DEHP)、邻苯二甲酸二异丁酯(DIBP)

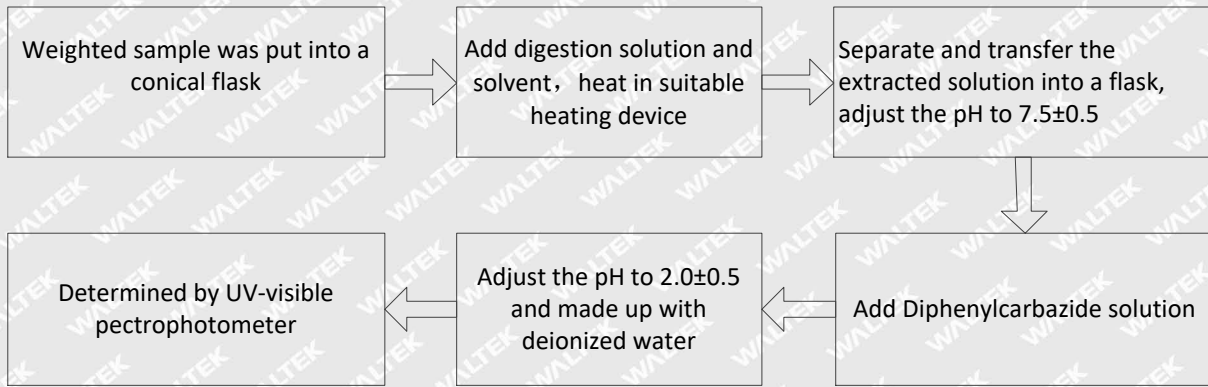


Lead(Pb), Cadmium(Cd), Mercury(Hg)

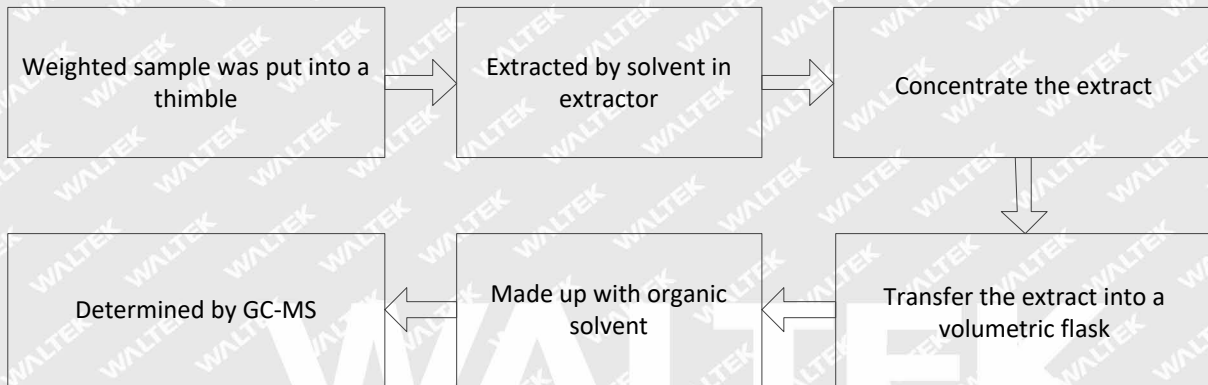


Hexavalent Chromium(Cr⁶⁺)



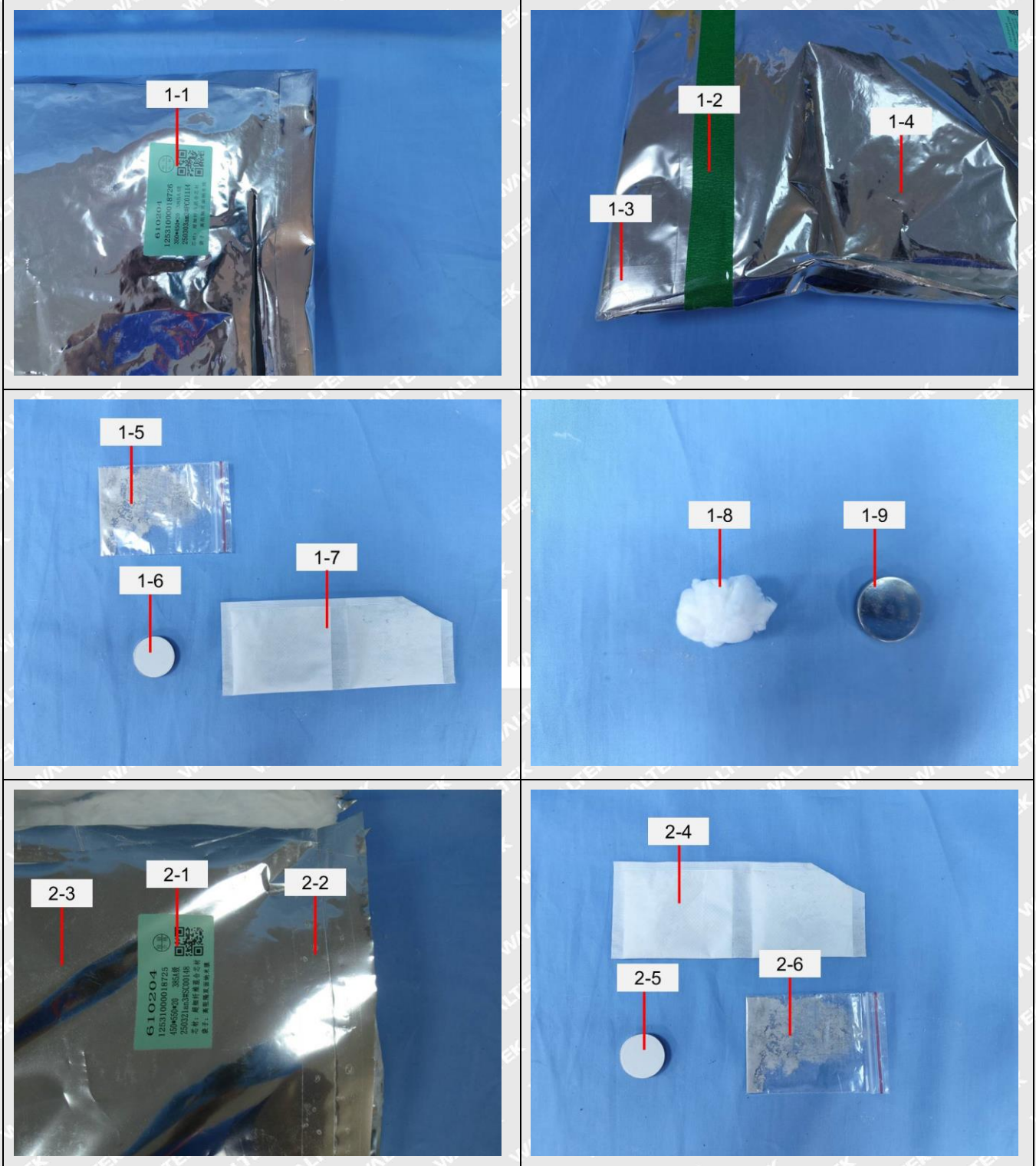


Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Dibutyl phthalate(DBP), Butylbenzyl phthalate(BBP), Di-(2-ethylhexyl) phthalate(DEHP), Di-iso-butyl phthalate(DIBP)





测试部位图片 / Photograph of parts tested:





备注/ Remarks:

1. 检验检测结果仅对测试样品负责;
The results shown in this test report refer only to the sample(s) tested;
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=====报告结束/ End of Report =====