



中国认可  
国际互认  
检测  
TESTING  
CNAS L6478



# 检测报告 TEST REPORT

报告编号/ Report No. : WTF24F02026476C

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Jiangsu Province

买家/ Buyer : 美的/ Midea

样品名称/ Sample Name : 极地白/ Polar white

检测要求/ Test Requested : 根据客户要求, 测试送检样品中欧盟RoHS指令2011/65/EU及其修订指令(EU) No.2015/863要求的10种限制物质含量  
As specified by client, to determine the 10 restricted substances content of EU RoHS Directive 2011/65/EU and its amendment (EU) No.2015/863 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 (详情请参见下一页)  
Pass (Please refer to next pages for details)

样品接收日期/ Date of Receipt sample : 2024-02-01

检测周期/ Testing period : 2024-02-01 ~ 2024-02-06

报告日期/ Date of Issue : 2024-02-06

检测结果/ Test Result : 参见报告下页 / Refer to next page (s)

报告制作/ Prepared By:

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授权签字人

Signed for and on behalf of

Waltek Testing Group (Foshan) Co., Ltd.

梁志聪

梁志聪/Swing.Liang

佛山市沃特测试技术服务有限公司/ Waltek Testing Group (Foshan) Co., Ltd.

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



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**测试结果/ Test Results:**

测试方法/ Test Method:

- 参考IEC62321-5:2013, 使用ICP-OES检测铅、镉含量;
- 参考IEC62321-4:2013+AMD1:2017 CSV, 使用ICP-OES检测汞含量;
- 参考IEC62321-7-2:2017, 使用UV-Vis检测六价铬含量;
- 参考IEC62321-6:2015, 使用GC-MS检测PBBs及PBDEs含量。
- With reference to IEC62321-5:2013, determination of Lead and Cadmium by ICP-OES;
- With reference to IEC62321-4:2013+AMD1:2017 CSV, determination of Mercury by ICP-OES;
- With reference to IEC62321-7-2:2017, determination of Hexavalent Chromium by Colorimetric Method;
- With reference to IEC62321-6:2015, determination of PBBs and PBDEs by GC-MS.

测试项目 Test Item(s)	单位Unit	测试结果 Test Results	定量限 LOQ	客户限值 Client's limit
		No.5		
铅 Lead (Pb)	mg/kg	ND	2	600
镉 Cadmium (Cd)	mg/kg	ND	2	60
汞 Mercury (Hg)	mg/kg	ND	2	600
六价铬 Hexavalent Chromium (Cr <sup>6+</sup> )	mg/kg	ND	8	600
多溴联苯总和 Sum of PBBs	mg/kg	ND	--	600
一溴联苯 Monobromobiphenyl	mg/kg	ND	5	--
二溴联苯 Dibromobiphenyl	mg/kg	ND	5	--
三溴联苯 Tribromobiphenyl	mg/kg	ND	5	--
四溴联苯 Tetrabromobiphenyl	mg/kg	ND	5	--
五溴联苯 Pentabromobiphenyl	mg/kg	ND	5	--
六溴联苯 Hexabromobiphenyl	mg/kg	ND	5	--
七溴联苯 Heptabromobiphenyl	mg/kg	ND	5	--
八溴联苯 Octabromobiphenyl	mg/kg	ND	5	--
九溴联苯 Nonabromobiphenyl	mg/kg	ND	5	--
十溴联苯 Decabromobiphenyl	mg/kg	ND	5	--
多溴二苯醚总和 Sum of PBDEs	mg/kg	ND	--	600
一溴二苯醚 Monobromodiphenyl ether	mg/kg	ND	5	--
二溴二苯醚 Dibromodiphenyl ether	mg/kg	ND	5	--
三溴二苯醚 Tribromodiphenyl ether	mg/kg	ND	5	--
四溴二苯醚 Tetrabromodiphenyl ether	mg/kg	ND	5	--
五溴二苯醚 Pentabromodiphenyl ether	mg/kg	ND	5	--
六溴二苯醚 Hexabromodiphenyl ether	mg/kg	ND	5	--
七溴二苯醚 Heptabromodiphenyl ether	mg/kg	ND	5	--
八溴二苯醚 Octabromodiphenyl ether	mg/kg	ND	5	--
九溴二苯醚 Nonabromodiphenyl ether	mg/kg	ND	5	--
十溴二苯醚 Decabromodiphenyl ether	mg/kg	ND	5	--
结论 Conclusion	--	符合/Pass	--	--





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测试项目 Test Item(s)	单位 Unit	测试方法/测试仪器 Test Method & Test Equipment	结果 Results	定量限 LOQ	客户限值 Client's limit
			No.5		
邻苯二甲酸二(2-乙基己基)酯 (DEHP) Bis (2-ethylhexyl)- phthalate (DEHP)	mg/kg	IEC 62321-8:2017, GC-MS	ND	50	600
邻苯二甲酸二丁酯(DBP) Dibutyl phthalate (DBP)	mg/kg		ND	50	600
邻苯二甲酸丁苄酯(BBP) Benzylbutyl phthalate (BBP)	mg/kg		ND	50	600
邻苯二甲酸二异丁酯(DIBP) Diisobutyl phthalate (DIBP)	mg/kg		ND	50	600
结论 / Conclusion	--	--	符合/ Pass	--	--

**备注/ Note:**

- (1) ND =未检出, 检测值小于定量限/ Not Detected or lower than limit of quantitation  
(2) mg/kg =毫克每千克 (milligram per kilogram)= 百万分之一 (ppm)  
(3) LOQ =定量限/ Limit of quantitation  
(4) "--" =未规定/ Not regulated

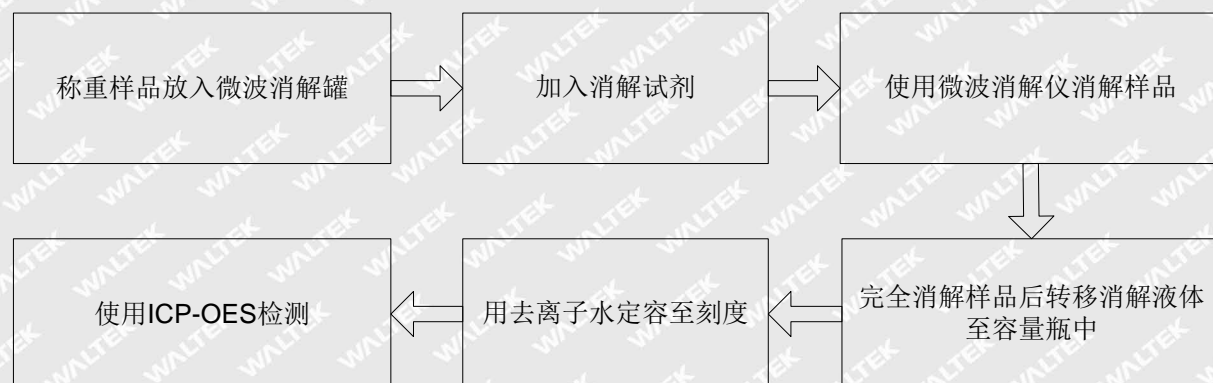
**样品描述 / Specimen Description:**

样品编号 Specimen No.	样品描述 Specimen Description
5	白色塑料薄膜 White plastic film

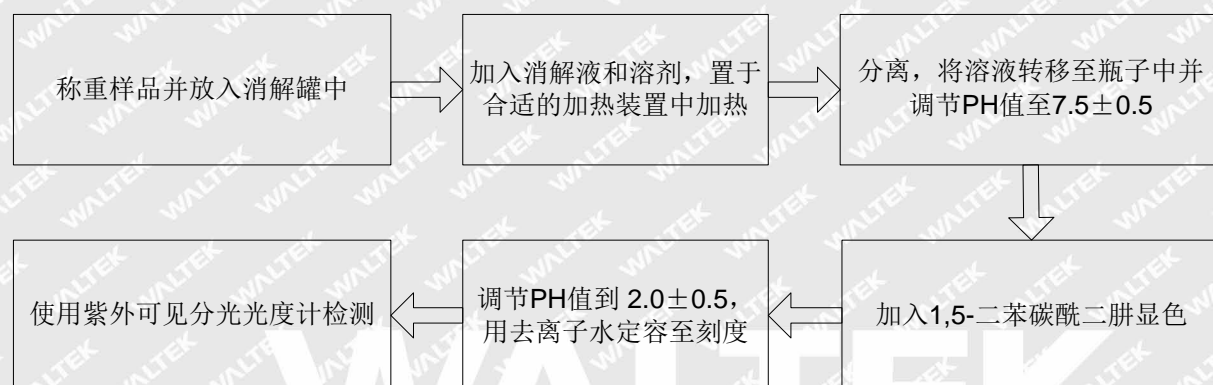


## 测试流程图:

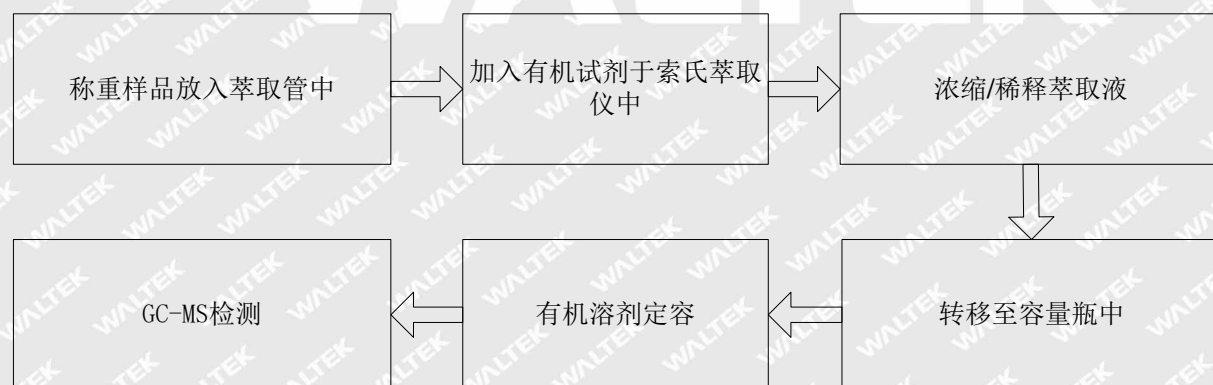
## 1. 铅、镉、汞测试流程图

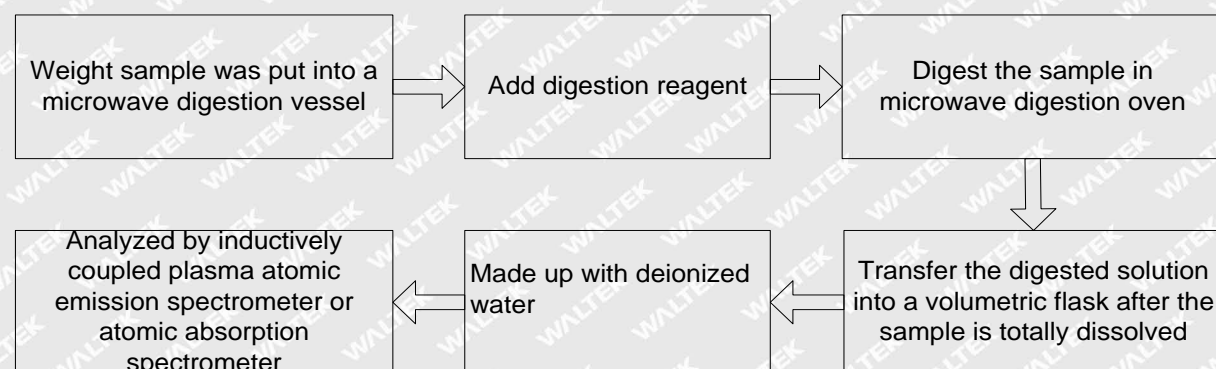
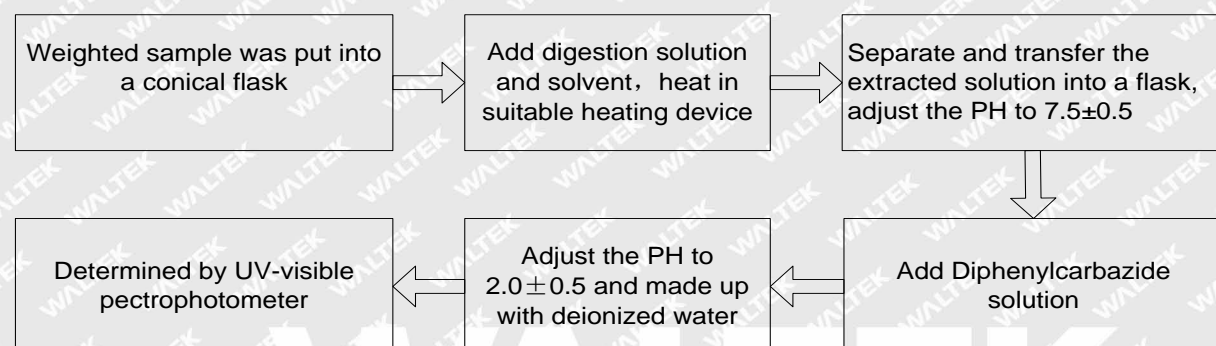
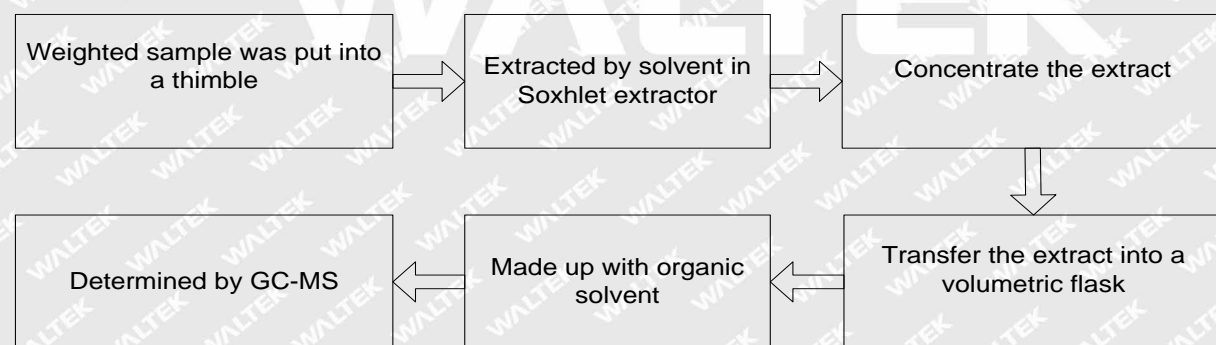


## 2. 六价铬测试流程图



## 3. 多溴联苯、多溴二苯醚、邻苯二甲酸酯测试流程图



**Testing Flow chart:****1. Test for Cd/ Pb/ Hg contents****2. Test for Cr<sup>6+</sup> content****3. Test for PBBs/ PBDEs/ DIBP/ DEHP/ DBP/ BBP contents**

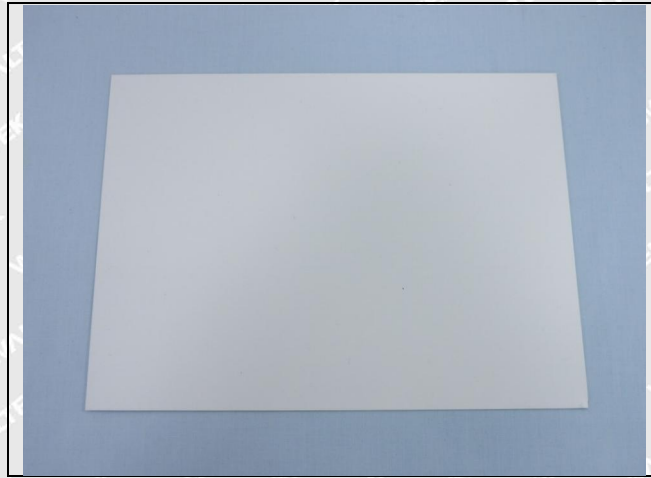




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测试部位图片 / Photograph of parts tested:



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**备注/ Remarks:**

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=====报告结束/ End of Report =====

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