



中国认可
国际互认
检测
TESTING
CNAS L6478



检测报告 TEST REPORT

Reference No./报告编号 ... : WTF20F05029817C
Applicant : Beijing Jinnuo Shidai Science&Technology Development Co., Ltd.
申请方 : 北京金诺时代科技发展有限公司
Address : Building NO.2, Bai Fu Village Ma Chi Kou, Changping District, Beijing
地址 : 北京市昌平区马池口镇白浮村7号院2号楼
Buyer /买家 : Midea /美的
Sample Name : Ink 1
样品名称 : 油墨1
Model No. /型号 : JNBO306
Test Requested : 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.
测试要求 : 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
Test Method : Refer to next page (s) /
测试方法 : 参见报告下页
Date of Receipt sample ... : 2020-05-22
样品接收日期 :
Date of Test : 2020-05-22 ~ 2020-05-28
测试日期 :
Date of Issue : 2020-05-29
报告日期 :
Test Result : Refer to next page (s) /
测试结果 : 参见报告下页

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Prepared By / 报告制作:

Waltek Services (Foshan) Co., Ltd.

佛山市沃特测试技术有限公司

Address: No.13-19, 2/F., 2nd Building, Sunlink International Machinery City,
Chencun, Shunde District, Foshan, Guangdong, China

Tel:+86-757-23811398 Fax:+86-757-23811394 E-mail:info@waltek.com.cn

地址: 广东省佛山市顺德区陈村镇顺联国际机械城2座二楼13-19号

电话: +86-757-23811398 传真: +86-757-23811394 邮箱: info@waltek.com.cn

Compiled by / 编制:

Approved by / 批准:

Rena.Chen / 陈楚敏

Project Engineer / 项目工程师

Swing.Liang / 梁志聪

Technical Manager / 技术经理

Waltek Services (Foshan) Co., Ltd.

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

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**Test Results/测试结果:****Test Method测试方法:**

- 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.
- 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。

Test Item(s) 测试项目	Unit 单位	Test Results 测试结果	LOQ 定量限	Client's limit 客户限值
		No.1		
Lead 铅 (Pb)	mg/kg	ND	2	600
Cadmium 镉(Cd)	mg/kg	ND	2	75
Mercury 汞 (Hg)	mg/kg	ND	2	600
Hexavalent Chromium 六价铬(Cr ⁶⁺)	mg/kg	ND	8	600
Sum of PBBs 多溴联苯总和	mg/kg	ND	--	600
Monobromobiphenyl 一溴联苯	mg/kg	ND	5	--
Dibromobiphenyl 二溴联苯	mg/kg	ND	5	--
Tribromobiphenyl 三溴联苯	mg/kg	ND	5	--
Tetrabromobiphenyl 四溴联苯	mg/kg	ND	5	--
Pentabromobiphenyl 五溴联苯	mg/kg	ND	5	--
Hexabromobiphenyl 六溴联苯	mg/kg	ND	5	--
Heptabromobiphenyl 七溴联苯	mg/kg	ND	5	--
Octabromobiphenyl 八溴联苯	mg/kg	ND	5	--
Nonabromobiphenyl 九溴联苯	mg/kg	ND	5	--
Decabromobiphenyl 十溴联苯	mg/kg	ND	5	--
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	--	600
Monobromodiphenyl ether 一溴联苯醚	mg/kg	ND	5	--
Dibromodiphenyl ether 二溴联苯醚	mg/kg	ND	5	--
Tribromodiphenyl ether 三溴联苯醚	mg/kg	ND	5	--
Tetrabromodiphenyl ether 四溴联苯醚	mg/kg	ND	5	--
Pentabromodiphenyl ether 五溴联苯醚	mg/kg	ND	5	--
Hexabromodiphenyl ether 六溴联苯醚	mg/kg	ND	5	--
Heptabromodiphenyl ether 七溴联苯醚	mg/kg	ND	5	--
Octabromodiphenyl ether 八溴联苯醚	mg/kg	ND	5	--
Nonabromodiphenyl ether 九溴联苯醚	mg/kg	ND	5	--
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	5	--
Conclusion 结论	--	Pass/符合	--	--



Test Item(s) 测试项目	Unit 单位	Test Method & Test Equipment 测试方法/测试仪器	Results 结果	LOQ	Client's limit 客户限值
			No.1		
Bis (2-ethylhexyl)- phthalate (DEHP) 邻苯二甲酸二(2-乙基己基)酯 (DEHP)	mg/kg	IEC 62321-8:2017, GC-MS	ND	50	600
Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯(DBP)	mg/kg		ND	50	600
Benzylbutyl phthalate (BBP) 邻苯二甲酸丁苄酯(BBP)	mg/kg		ND	50	600
Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯(DIBP)	mg/kg		ND	50	600
Conclusion /结论	--	--	Pass/符合	--	--

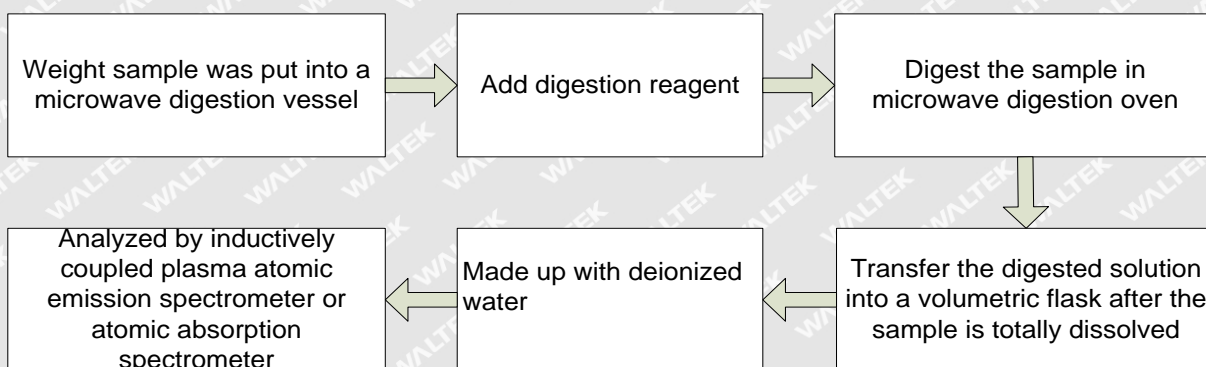
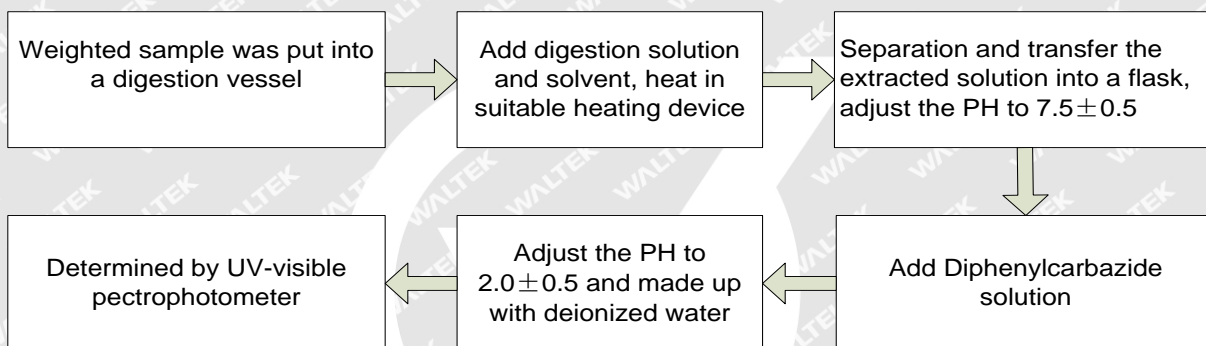
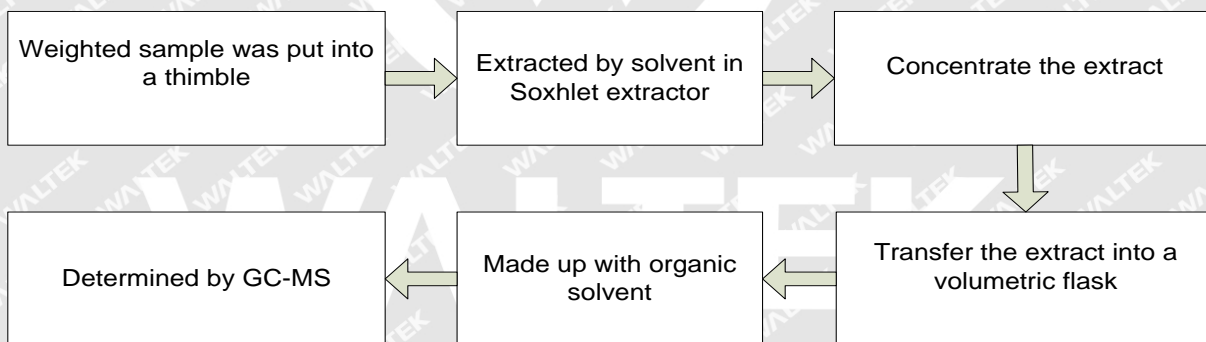
Specimen Description/样品描述:

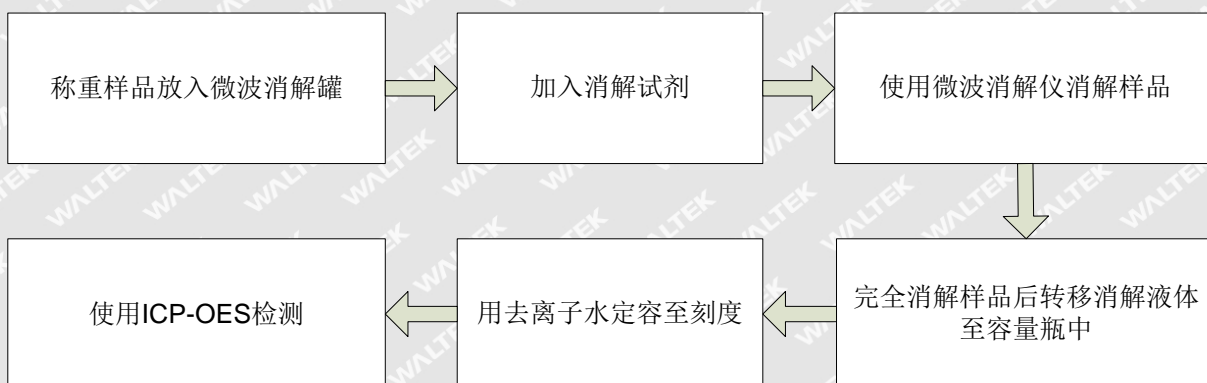
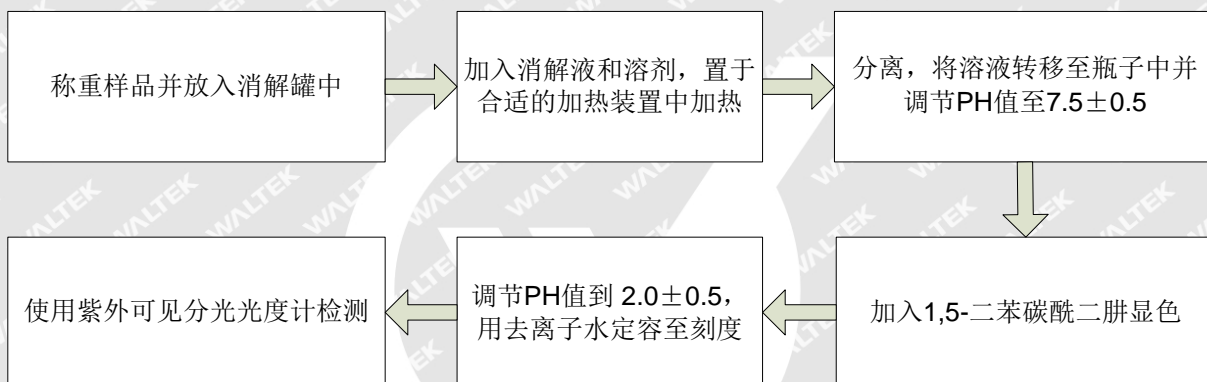
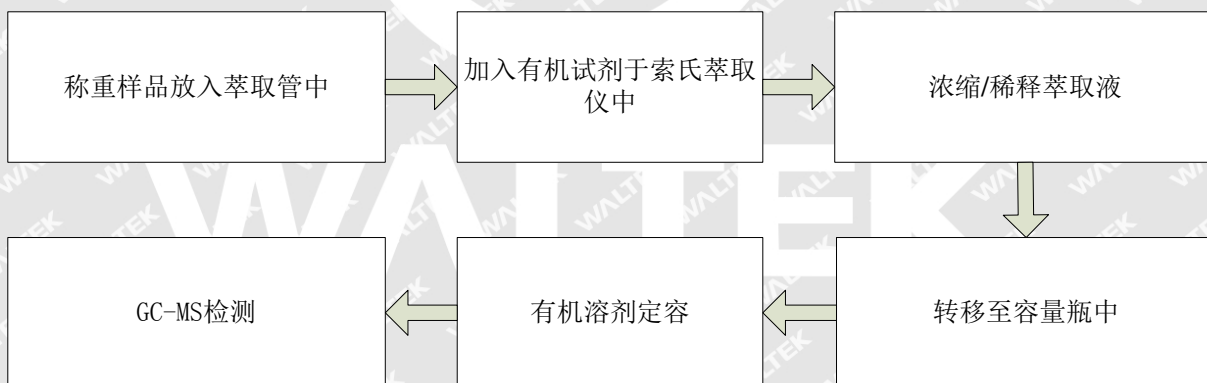
No.1: Black ink /黑色油墨

Note/备注:

- (1) ND = Not Detected or lower than limit of quantitation/未检出, 检测值小于定量限
- (2) mg/kg =milligram per kilogram(毫克每千克)= ppm (百万分之一)
- (3) LOQ = Limit of quantitation/定量限
- (4) "--" =Not regulated/未规定
- (5) The test results were based on the wet weight of the raw material./测试结果基于原材料的湿重。

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**Testing Flow chart:****1. Test for Cd/ Pb/ Hg contents****2. Test for Cr⁶⁺ content****3. Test for PBBs/ PBDEs/ DIBP/ DEHP/ DBP/ BBP contents**

**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、多溴联苯醚、邻苯二甲酸酯测试流程图**



Sample Photo / 样品图片:



===== End of Report/报告结束 =====

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