

测试报告

No. CANML1610415508

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广州市华年新材料科技有限公司
中国广州市荔湾区芳村大道西逸彩路7号二层

本报告取代测试报告CANML1600383608

以下测试之样品是由申请者所提供及确认: 水性染料墨

SGS工作编号: GZIN1606024332PC - GZ
客户参考信息: 翠蓝、橙、枣红、中国红、青光黄、黑、荧光红、荧光黄、紫色混合而成
样品接收日期: 2016年01月07日
测试周期: 2016年01月07日 - 2016年01月12日
测试要求: 根据客户要求测试
测试方法: 请参见下一页
测试结果: 请参见下一页
结论: 基于所送样品进行的测试, 镉、铅、汞、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸酯(如邻苯二甲酸二丁酯(DBP)、邻苯二甲酸丁苯酯(BBP)、邻苯二甲酸二(2-乙基己基)酯(DEHP)和邻苯二甲酸二异丁酯(DIBP))的测试结果符合欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。

通标标准技术服务有限公司广州分公司
授权签名

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批准签署人

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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Service Chemical Laboratory

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测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	CAN16-104155.004	黑色膏状物

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 检测极限值
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863

- 测试方法:
- (1)参考IEC 62321-5:2013, 用ICP-OES测定镉的含量
 - (2)参考IEC 62321-5:2013, 用ICP-OES测定铅的含量
 - (3)参考IEC 62321-4:2013, 用ICP-OES测定汞的含量
 - (4)参考IEC 62321:2008, 用紫外-可见分光光度计比色法测定六价铬的含量
 - (5)参考IEC 62321-6:2015, 用GC-MS测定PBBs(多溴联苯)和PBDEs(多溴二苯醚)的含量
 - (6)参考EN 14372:2004, 用GC-MS测定邻苯二甲酸酯的含量

测试项目	限值	单位	MDL	004
镉 (Cd)	100	mg/kg	2	ND
铅 (Pb)	1,000	mg/kg	2	ND
汞 (Hg)	1,000	mg/kg	2	ND
六价铬(Cr(VI))	1,000	mg/kg	2	ND
多溴联苯之和(PBBs)	1,000	mg/kg	-	ND
一溴联苯	-	mg/kg	5	ND
二溴联苯	-	mg/kg	5	ND
三溴联苯	-	mg/kg	5	ND
四溴联苯	-	mg/kg	5	ND
五溴联苯	-	mg/kg	5	ND
六溴联苯	-	mg/kg	5	ND
七溴联苯	-	mg/kg	5	ND
八溴联苯	-	mg/kg	5	ND
九溴联苯	-	mg/kg	5	ND
十溴联苯	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1,000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND



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测试项目	限值	单位	MDL	004
二溴二苯醚	-	mg/kg	5	ND
三溴二苯醚	-	mg/kg	5	ND
四溴二苯醚	-	mg/kg	5	ND
五溴二苯醚	-	mg/kg	5	ND
六溴二苯醚	-	mg/kg	5	ND
七溴二苯醚	-	mg/kg	5	ND
八溴二苯醚	-	mg/kg	5	ND
九溴二苯醚	-	mg/kg	5	ND
十溴二苯醚	-	mg/kg	5	ND
邻苯二甲酸二丁酯 (DBP)	1,000	mg/kg	30	ND
邻苯二甲酸丁苄酯(BBP)	1,000	mg/kg	30	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1,000	mg/kg	30	ND
邻苯二甲酸二异丁酯(DIBP)	1,000	mg/kg	30	ND

备注:

(1) 最大允许极限值引用自RoHS指令(EU) 2015/863。

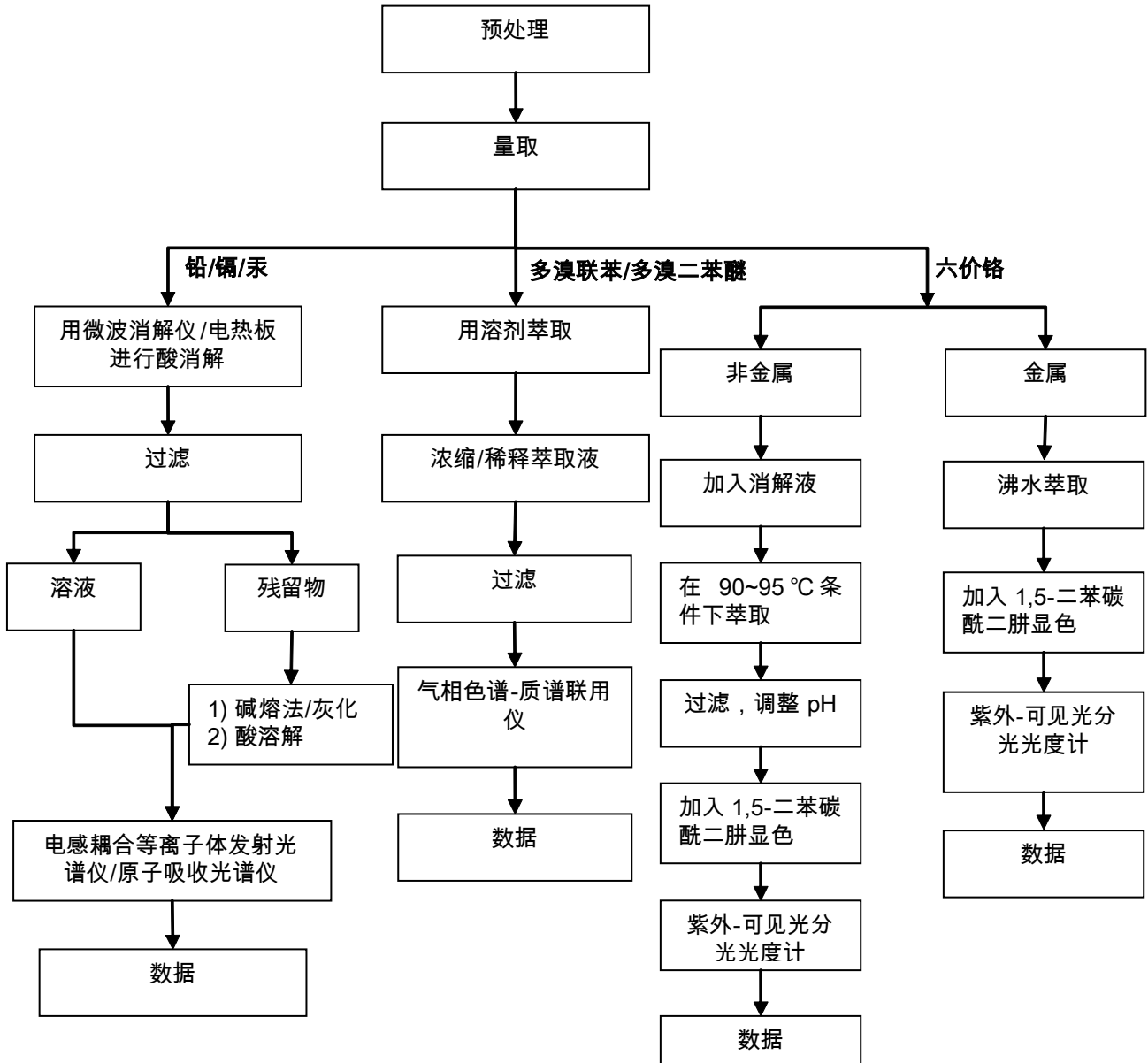
备注: 所示结果为湿样品总重量中的含量。



附件

Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs 测试流程图

- 1) 分析人员: 肖戈 / 胡香云
- 2) 项目负责人: 汪丹 / 余晓璐
- 3) 样品按照下述流程被完全消解 (六价铬和多溴联苯 / 多溴二苯醚测试除外)。



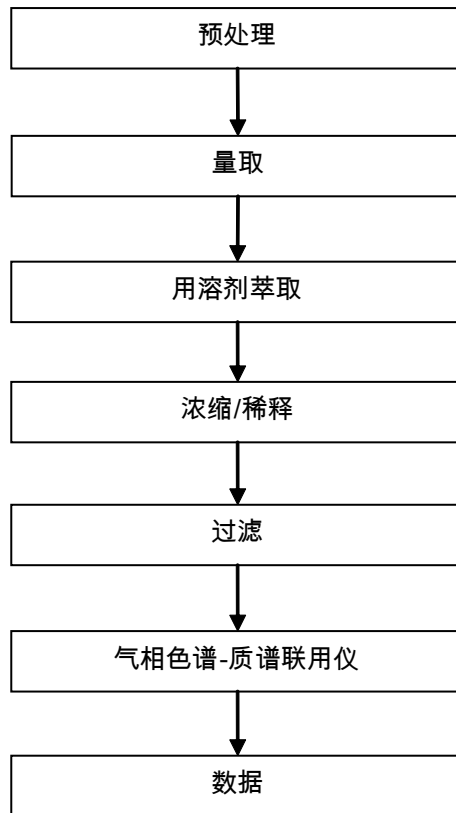
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附件

Phthalates 测试流程图

- 1) 分析人员：胡香云
- 2) 项目负责人：余晓璐



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