



中国认可  
国际互认  
检测  
TESTING  
CNAS L3061

## 检测报告 Test Report

NO.: BOCN5OGT79413504 签发日期 Issued Date: 2020-12-25 第 1 页, 共 7 页 Page 1 of 7

委托单位 Applicant: 浙江名枫油墨制品有限公司 Zhejiang Mingfeng Ink Products Co.,Ltd.  
委托单位提供样品信息如下 The following sample(s) was/were submitted and identified on behalf of the client as:  
样品名称 Sample Name: 水性油墨 Water ink  
样品型号 Sample Model: 黑色 Black  
样品来源 Sample Source: 送样 Send Sample

样品接收日期 Sample Received Date: 2020-12-17  
样品检测日期 Test Period: 2020-12-17~2020-12-25

### 检测方法 Test Methods:

- (1) IEC 62321-5 Edition 1.0:2013 的方法, 用原子吸收光谱仪测定铅的含量  
IEC 62321-5 Edition 1.0:2013 method, Lead Analysis is performed by AAS
- (2) IEC 62321-5 Edition 1.0:2013 的方法, 用原子吸收光谱仪测定镉的含量  
IEC 62321-5 Edition 1.0:2013 method, Cadmium Analysis is performed by AAS
- (3) IEC 62321-4:2013+AMD1:2017 CSV 的方法, 用电感耦合等离子体发射光谱仪测定汞的含量  
IEC 62321-4:2013+AMD1:2017 CSV method, Mercury Analysis is performed by ICP-OES
- (4) IEC 62321-7-2 Edition 1.0:2017 的方法, 用紫外-可见分光光度计测定六价的含量  
IEC62321-7-2 Edition 1.0:2017 method, Hexavalent Chromium analysis is performed by UV-Vis
- (5) IEC 62321-6 Edition 1.0:2015 的方法, 用气相色谱质谱联用仪测定多溴联苯和多溴二苯醚的含量  
IEC 62321-6 Edition 1.0:2015 method, PBBs and PBDEs Analysis is performed by GC-MS
- (6) IEC 62321-8 Edition 1.0:2017 的方法, 用气相色谱质谱联用仪测定邻苯二甲酸酯类的含量  
IEC 62321-8 Edition 1.0:2017 method, Phthalate analysis is performed by GC-MS
- (7) EN 14582: 2016 的方法, 用离子色谱仪测定氟, 氯, 溴, 碘的含量  
EN 14582: 2016 method, F, Cl, Br, I analysis is performed by IC

检测结果 Test Result: 请参见下页 Please refer to next page(s)

批准人 Approved by:



微信扫一扫, 使用小程序



小程序扫一扫, 在线验证

Code: h8fbzn7rt

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检测结果 Test Result (单位 Unit: mg/kg)

样品编号及名称 Sample No.&Name: T79413504 水性油墨 Water ink

检测项目 Test Item	方法检出限 MDL	检测结果 Test Result	RoHS 限量 RoHS Limit
铅 Lead (Pb)	1	未检出 Not Detected.	1000
镉 Cadmium (Cd)	1	未检出 Not Detected.	100
汞 Mercury (Hg)	1	未检出 Not Detected.	1000
六价铬 Hexavalent Chromium (Cr <sup>6+</sup> )	8	未检出 Not Detected.	1000
多溴联苯之和 Sum of PBBs	—	未检出 Not Detected.	1000
一溴联苯 Bromobiphenyl	5	未检出 Not Detected.	—
二溴联苯 Dibromobiphenyl	5	未检出 Not Detected.	—
三溴联苯 Tribromobiphenyl	5	未检出 Not Detected.	—
四溴联苯 Tetrabromobiphenyl	5	未检出 Not Detected.	—
五溴联苯 Pentabromobiphenyl	5	未检出 Not Detected.	—
六溴联苯 Hexabromobiphenyl	5	未检出 Not Detected.	—
七溴联苯 Heptabromobiphenyl	5	未检出 Not Detected.	—
八溴联苯 Octabromobiphenyl	5	未检出 Not Detected.	—
九溴联苯 Nonabromobiphenyl	5	未检出 Not Detected.	—
十溴联苯 Decabromobiphenyl	5	未检出 Not Detected.	—
多溴二苯醚之和 Sum of PBDEs	—	未检出 Not Detected.	1000
一溴二苯醚 Bromodiphenyl ether	5	未检出 Not Detected.	—
二溴二苯醚 Dibromodiphenyl ether	5	未检出 Not Detected.	—
三溴二苯醚 Tribromodiphenyl ether	5	未检出 Not Detected.	—
四溴二苯醚 Tetrabromodiphenyl ether	5	未检出 Not Detected.	—
五溴二苯醚 Pentabromodiphenyl ether	5	未检出 Not Detected.	—
六溴二苯醚 Hexabromodiphenyl ether	5	未检出 Not Detected.	—
七溴二苯醚 Heptabromodiphenyl ether	5	未检出 Not Detected.	—
八溴二苯醚 Octabromodiphenyl ether	5	未检出 Not Detected.	—
九溴二苯醚 Nonabromodiphenyl ether	5	未检出 Not Detected.	—
十溴二苯醚 Decabromodiphenyl ether	5	未检出 Not Detected.	—

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检测结果 Test Result (单位 Unit: mg/kg)

检测项目 Test Item	CAS 号 CAS Number	方法检出限 MDL	检测结果 Test Result	RoHS 限量 RoHS Limit
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	117-81-7	30	未检出 Not Detected.	1000
邻苯二甲酸二丁酯 (DBP)	84-74-2	30	未检出 Not Detected.	1000
邻苯二甲酸苄基丁酯 (BBP)	85-68-7	30	未检出 Not Detected.	1000
邻苯二甲酸二异丁酯 (DIBP)	84-69-5	30	未检出 Not Detected.	1000

检测结果 Test Result (单位 Unit: mg/kg)

检测项目 Test Item	方法检出限 MDL	检测结果 Test Result
氟 (F)	50	未检出 Not Detected.
氯 (Cl)	50	未检出 Not Detected.
溴 (Br)	50	未检出 Not Detected.
碘 (I)	50	未检出 Not Detected.

- 备注 Note:
- (1) mg/kg = ppm
  - (2) “—”= 未规定 Does not stipulate
  - (3) 最大允许极限值引用 RoHS 2011/65/EU 及修订指令(EU)2015/863 附录 II 的要求  
The most allowable limit value reference to RoHS Directive 2011/65/EU & (EU)2015/863 Annex II
  - (4) 未检出(<方法检出限)Not Detected (<MDL)
  - (5) 烘干检测, 烘干条件 105℃, 2 小时 Drying Testing,Drying conditions 105℃,2 Duration/Hour(s)

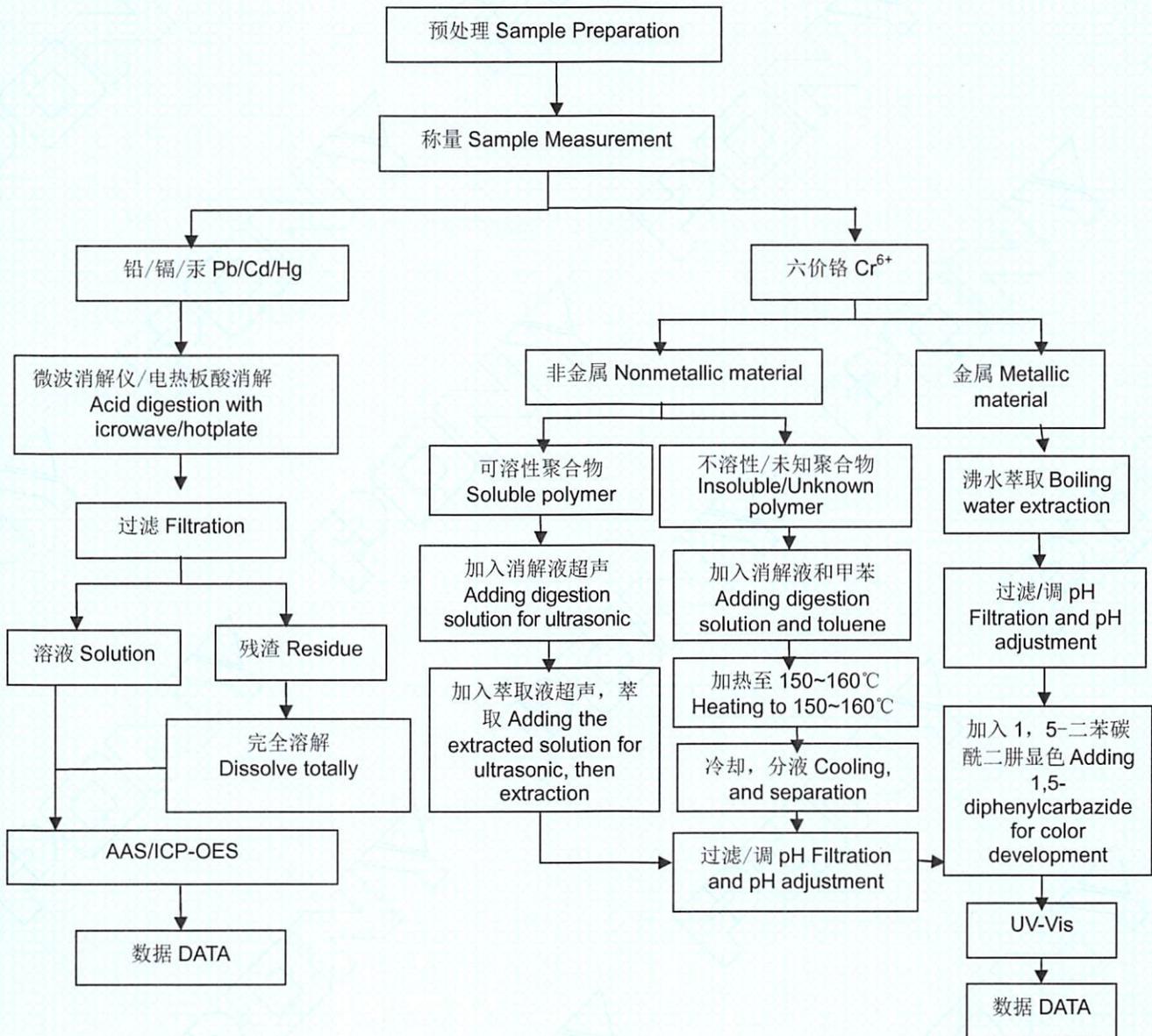
样品编号和照片 Sample No. & Photo:



仅对报告照片中的样品负责 Pony authenticate the photo on original report only  
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检测流程图 Measurement Flow-chart

检测人员 Tested by: 倪晓宁 Ni Xiaoning  
 审核人员 Checked by: 张艳 Zhang Yan  
 实验室负责人 Person in charge of the lab: 张耀强 Zhang Yaoqiang  
 样品按照下述流程被完全消解 (六价铬除外)。  
 These Samples Were Dissolved Totally By Pre-conditioning Method According To Below Flow Chart.  
 (Cr<sup>6+</sup> Test Method Excluded)



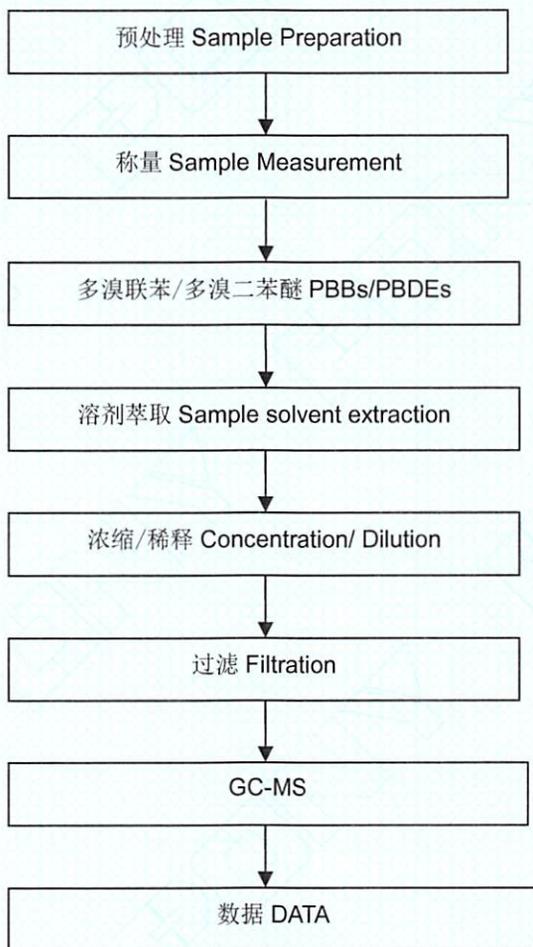
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检测流程图 Measurement Flow-chart

检测人员 Tested by: 黎超 Li Chao

审核人员 Checked by: 张艳 Zhang Yan

实验室负责人 Person in charge of the lab: 张耀强 Zhang Yaoqiang



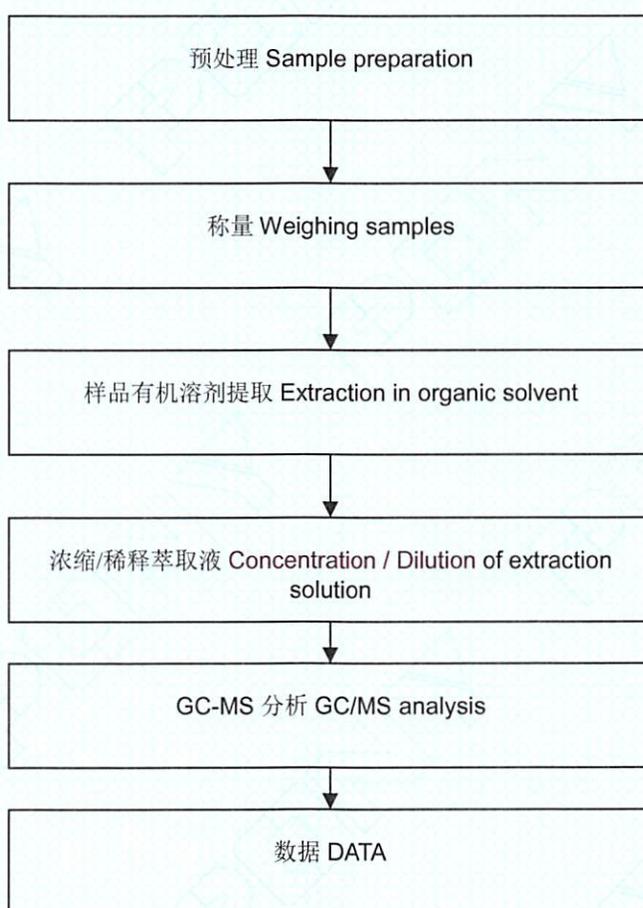
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邻苯二甲酸酯类检测流程 Phthalate Flow Chart

检测人员 Tested by: 杨丹 Yang Dan

审核人员 Checked by: 张艳 Zhang Yan

实验室负责人 Person in charge of the lab: 张耀强 Zhang Yaoqiang



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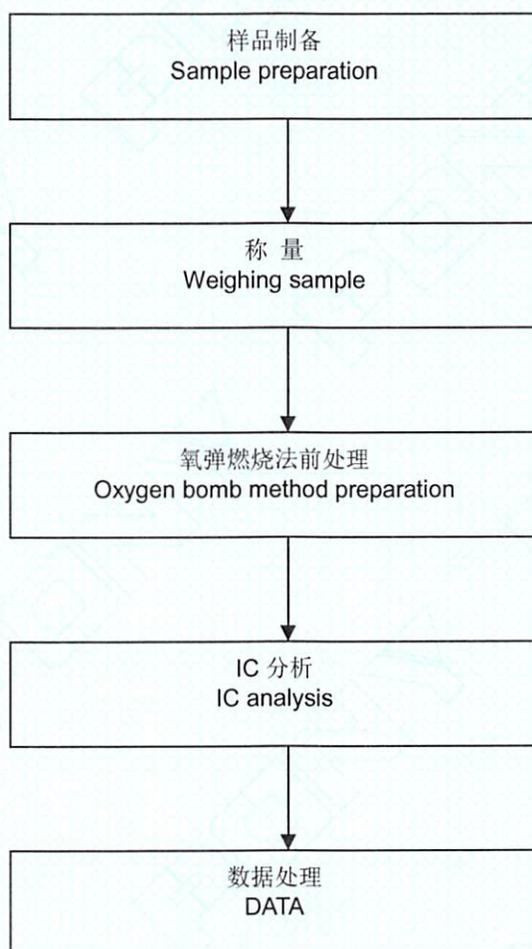
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卤素检测流程图 Halogen measurement flow-chart

检测人员 Tested by: 徐高伟 Xu Gaowei

审核人员 Checked by: 张艳 Zhang Yan

实验室负责人 Person in charge of the lab: 张耀强 Zhang Yaoqiang



\*\*\*报告结束\*\*\*\*\*End of Report\*\*\*