



编号: ESZ2202280171C00001R 日期: 2022年03月07日 第1页共12页

委托单位 : 上海牡丹油墨有限公司

**Applicant** : SHANGHAI PEONY PRINTING INK CO., LTD

址 上海市杨树浦路 2310号

2310, Yangshupu Road, Shanghai **Address** 

### 以下检测之样品及样品信息是由申请者提供并确认

The sample and sample information tested below are provided and confirmed by the applicant

: 胶印油墨产品 样品名称

Sample Name : Offset printing ink products

型 见样品描述

Model : Refer to Sample Description 生产单位 : 安徽华谊日新科技有限公司

**Production unit** : Anhui Huayi Rixin Technology Co., Ltd.

生产地址 : 含山经济开发区褒禅山路 518 号

**Production address** No. 518, Baochanshan Road, Hanshan Economic Development Zone

接收日期 : 2022年02月28日 **Received Date** : Feb. 28, 2022

检测日期 : 2022年02月28日~2022年03月07日

**Test Period** : Feb. 28, 2022~Mar. 07, 2022

检测概要 见下页

**Test Summary** Refer to next page

助理工程师

测试主管



授权签字人

2022年03月07日





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检测概要 : Test Summary :

注: Pass: 符合要求; Fail: 不符合要求; N/A: 不评价或仅提供检测结果 Remark: Pass: Meet the requirement; Fail: Doesn't meet the requirement; N/A: Without conclusions or provide test results only.

## 样品描述 Sample Description(以下检测之样品及样品信息是由申请者提供并确认 /The sample and sample information tested below are provided and confirmed by the applicant)

样品序号 Sample	样品编号 Sample	型号	数量
No.	Number	Model	Quantity
01	E2202280171- 01	05-01/03/04/06/08/09/14/15/18/19/20/24/24A/25/27/28/29/30 /31/32/36/37/38/39/40/52/53/60/90/92/93/94/95 10-01/03/04/06/07/09/14/15/16/17/20/21/24/27/29/30 /31/32/33/36/37/38/39/40/52/53/66/71/80 KELE-03/04/06/07/09/14/15/17/21/24/27/29/30 /32/36/37/39/40/52/53/55/66/71/03S/53S KL-14/23/24/32/52/0300/0600/1400/1700/1700L/2400/2401/ 2402/2700/3200/3700/4000/5200/6000/9400/1400N/ 2400N/2401N /2402N/3200N/5200N NP05-03/06/14/24/27/32/37/40/52/60 AF-03/06/14/24/32/40/52/90/93 05N-1400/1500/2400/2600/2600A/3200/5200/1422 /2322/2422/2622/3222/5222/1466/2366/2466/2666/3266 /5266/1400N/2400N/2600N/3200N/5200N FLPT1000/1100/1300/1400/1500/1600/2000/2700/3200 /3700/3900/5200/6000/7000/9000 FTR-03/14/15/26/70 PRS-1400/2300/2400/2600/3200/5200/0366/1466/2366 /2466/2666/3266/5266/14G/26G/32G/52G/1477/2377 This test report is issued by the company and is intended for your exclusive use. This test report includes all of the	50g





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	1		
样品序号	样品编号	型号	数量
Sample	Sample	Model	Quantity
No.	Number	Model	Quartity
		/3277/5277/14MO/26MO/32MO/52MO	
		UNE-1400/2400/2600/3200/5200/14N/26N/32N	
		/52N/14R/26R/32R/52R	
		UNS-14/24/26/28/32/52	
		UHG-1400/2400/3200/5200	
		UN-UBK	
		65-03/06/07/07B/09/14/16/18/21/23/26/29/30	
		/31/32/34/38/42/42A/42B/50/51/60/92/93/600189	
		JL-14/24/26/28/32/52	
		PSE-1400/2600/3200/5200/1422/2622/3222/5222	
		PPO-0300/1400/2600/3200/4000/5200/9300	
		PUV-0300/060/1400/1500/2600/2900/3200/3800	
		/3900/4000/5200/8501/60000/7000/9300/1400LED/	
		2600LED/3200LED/5200LED/4000LED	
		PWO-03/14/24/29/32/58/59/59A/59B/60/1403	
		/2403/2403A/3203/5202/5202H/5203/5802/5901/5902	
		90-82/83/90/91/92	
		94-90 JB90-90 JB94-90	
		FT-92	
		PMD UV-14/26/32/52/40A/40B	
		NO.1 调墨油	
		6 贴花调墨油/6 印刷调墨油/19/59/402/71/52-94/2527/62#/30-90	
		0 大口では、10 10 10 10 10 10 10 10 10 10 10 10 10 1	

### 检测结果汇总 Summary of Test Results

#### 1. RoHS

### 1.1 检测方法 Test Method

检测项目 Test Item	测试方法 Test Method
镉 Cadmium (Cd),铅 Lead (Pb)	IEC 62321-5:2013
汞 Mercury (Hg)	IEC 62321-4:2013+A1:2017
六价铬 Hexavalent Chromium (Cr <sup>6+</sup> )	IEC 62321-7-2:2017
PBBs, PBDEs	IEC 62321-6:2015
DEHP, BBP, DBP, DIBP	IEC 62321-8:2017





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### 1.2 检测设备 Test Instrument

设备名称 Instrument Name	厂家 Manufacturer	型 号 Model
ICP-OES	Agilent	720
UV-Vis	SHIMADZU	UV-1800
GC-MS	Agilent	7890B-5977A
GC-MS	SHIMADZU	QP2010 Ultra

1.3 检测结果 Test Results: 限值依照欧盟指令 2011/65/EU (RoHS)及其修订指令/Limit according to Directive 2011/65/EU (RoHS) and its Amendments

检测项目 Test Item	结果 Result (mg/kg)	MDL (mg/kg)	限值 Limit (mg/kg)	
	01			
铅 Lead (Pb)	N.D.	2	1000	
镉 Cadmium (Cd)	N.D.	2	100	
汞 Mercury (Hg)	N.D.	2	1000	
六价铬 Hexavalent Chromium (Cr <sup>6+</sup> )	N.D.	8	1000	

检测项目 Test Item	结果 Result (mg/kg)	MDL (mg/kg)	限值 Limit (mg/kg)	
和亚纳·列日 Test item	01	MDE (mg/kg)	pk 但 Limit (mg/kg)	
多溴联苯 (1 – 10) (PBBs) Polybrominated Biphenyls (Mono – Deca) (PBBs)	N.D.		1000	
单溴联苯 Monobromobiphenyl	N.D.	5		
二溴联苯 Dibromobiphenyl	N.D.	5		
三溴联苯 Tribromobiphenyl	N.D.	5		
四溴联苯 Tetrabromobiphenyl	N.D.	5		
五溴联苯 Pentabromobiphenyl	N.D.	5		
六溴联苯 Hexabromobiphenyl	N.D.	5		
七溴联苯 Heptabromobiphenyl	N.D.	5		
八溴联苯 Octabromobiphenyl	N.D.	5		
九溴联苯 Nonabromobiphenyl	N.D.	5		





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<b>松湖項目 Toot Itom</b>	结果 Result (mg/kg)	MDI (ma/ka)	限传 Limit (ma/kg)	
检测项目 Test Item	01	MDL (mg/kg)	限值 Limit (mg/kg)	
十溴联苯 Decabromobiphenyl	N.D.	5		
多溴二苯醚 (1 – 10) (PBDEs) Polybrominated Diphenylethers (Mono – Deca) (PBDEs)	N.D.		1000	
单溴二苯醚 Monobromodiphenyl ether	N.D.	5		
二溴二苯醚 Dibromodiphenyl ether	N.D.	5		
三溴二苯醚 Tribromodiphenyl ether	N.D.	5		
四溴二苯醚 Tetrabromodiphenyl ether	N.D.	5		
五溴二苯醚 Pentabromodiphenyl ether	N.D.	5		
六溴二苯醚 Hexabromodiphenyl ether	N.D.	5		
七溴二苯醚 Heptabromodiphenyl ether	N.D.	5		
八溴二苯醚 Octabromodiphenyl ether	N.D.	5		
九溴二苯醚 Nonabromodiphenyl ether	N.D.	5		
十溴二苯醚 Decabromodiphenyl ether	N.D.	5		

检测项目 Test Item	CAS No.	结果 Result (mg/kg) 01	MDL (mg/kg)	限值 Limit (mg/kg)
邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP)	84-69-5	N.D.	50	1000
邻苯二甲酸二丁酯 Dibutyl phthalate (DBP)	84-74-2	N.D.	50	1000
邻苯二甲酸丁苄酯 Butyl benzyl phthalate (BBP)	85-68-7	N.D.	50	1000
邻苯二甲酸二(2-乙基)己酯 Bis(2-ethylhexyl) phthalate(DEHP)	117-81-7	N.D.	50	1000

#### 备注 Note

- 1) N.D. = 未检测到 (小于 MDL)/N.D. = Not Detected (Less than MDL)
- 2) MDL= 方法检出限/MDL= Method Detection Limit
- 3) 对于检测铅、镉、汞的样品已完全溶解。/Specimens, which requested to determine Lead, Cadmium and Mercury content, have been dissolved completely.



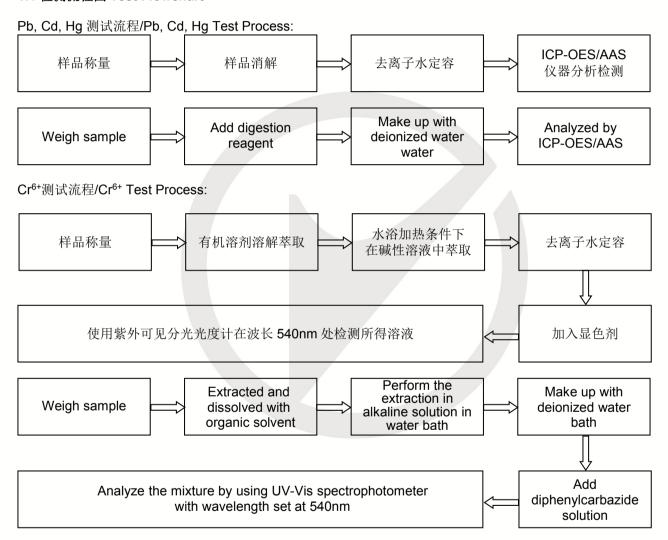


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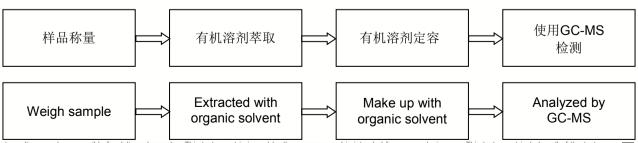
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#### 1.4 检测流程图 Test Flowchart



PBBs &PBDEs, DEHP, BBP, DBP, DIBP 测试流程/PBBs &PBDEs, DEHP, BBP, DBP, DIBP Test Process:







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### 2.特定元素的迁移量 Migration of certain elements

#### 2.1 检测方法 Test Method

检测项目 Test Item	测试方法 Test Method
特定元素的迁移量 Migration of certain elements	GB 6675.4-2014

#### 2.2 检测设备 Test Instrument

设备名称 Instrument Name	厂家 Manufacturer	型 号 Model
ICP-OES	Agilent	720

2.3 检测结果 Test Result: 限值依据 GB 6675.4-2014/Limit value according to GB 6675.4-2014

检测项 Test It		锑 Antimony (Sb)	砷 Arsenic (As)	钡 Barium (Ba)	镉 Cadmium (Cd)	铬 Chromium (Cr)	铅 Lead (Pb)	汞 Mercury (Hg)	硒 Selenium (Se)
限值L	imit	60	25	1000	75	60	90	60	500
单位 U	Jnit	mg/kg							
MDL	_	5	5	5	5	5	5	5	5
	Α	N.D.	N.D.	285	N.D.	N.D.	N.D.	N.D.	N.D.
结果 Result	В	N.D.	N.D.	511	N.D.	N.D.	N.D.	N.D.	N.D.
	С	N.D.	N.D.	285	N.D.	N.D.	N.D.	N.D.	N.D.

#### 备注 Note

1) N.D. = 未检测到 (小于 MDL) /Not Detected (Less than MDL)

2) MDL = 方法检出限/Method Detection Limit



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### 3.邻苯二甲酸酯 Phthalate

#### 3.1 检测方法 Test Method

检测项目 Test Item	测试方法 Test Method
DEHP, DIDP, DINP, BBP, DBP, DIBP	BS EN 14372:2004

#### 3.2 检测设备 Test Instrument

设备名称 Instrument Name	厂家 Manufacture	型 号 Model
GC-MS	SHIMADZU	QP2010 Ultra

#### 3.3 检测结果 Test Result

检测项目 Test Item	CAS No.	结果 Result (mg/kg) 01	MDL (mg/kg)
邻苯二甲酸二(2-乙基)己酯 Di-2-ethylhexyl phthalate (DEHP)	117-81-7	N.D.	50
邻苯二甲酸丁基苄基酯 Benzylbutyl phthalate (BBP)	85-68-7	N.D.	50
邻苯二甲酸二异丁酯 Diisobutyl phthalate(DIBP)	84-69-5	N.D.	50
邻苯二甲酸二异壬酯 Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	N.D.	50
邻苯二甲酸二异癸酯 Diisoheptyl phthalate (DIDP)	68515-49-1 26761-40-0	N.D.	50
邻苯二甲酸二丁酯 Dibutyl phthalate (DBP)	84-74-2	N.D.	50

#### 备注 Note

1) N.D. = 未检测到 (小于 MDL) /Not Detected (Less than MDL)

2) MDL = 方法检出限/Method Detection Limit



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### 4.挥发性有机化合物 Volatile organic compounds (VOCs)

#### 4.1 检测方法 Test Method

检测项目 Test Item	测试方法 Test Method
挥发性有机化合物 Volatile organic compounds (VOCs)	HJ 2542-2016

#### 4.2 检测设备 Test Instrument

设备名称	设备厂商	设备型号
Instrument Name	Manufacturer	Model
GC	SHIMADZU	2010 Plus

### 4.3 检测结果 Test Result: 限值依照标准 HJ2542-2016 中表 2/Limit according to chart 2 of the standard HJ2542-2016

检测项目 Test Item	结果 Result (%) 01	MDL (%)	限值 Limit(%) (单张纸胶印油墨 Sheet offset printing ink)
挥发性有机化合物 Volatile organic compounds(VOCs)	0.37	0.1	≤3

#### 备注 Note

1) N.D. =未检测到 (小于 MDL)/Not Detected (Less than MDL)

2) MDL= 方法检出限/Method Detection Limit





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### 5.苯、甲苯、乙苯、二甲苯 Benzene, toluene, ethylbenzene and xylene

#### 5.1 检测方法 Test Method

检测项目 Test Item	测试方法 Test Method
苯、甲苯、乙苯、二甲苯	HJ 2542-2016
Benzene, toluene, ethylbenzene and xylene	HJ 2542-2016

#### 5.2 检测设备 Test Instrument

设备名称	设备厂商	设备型号
Instrument Name	Manufacturer	Model
GC-MS	SHIMADZU	QP2010 Ultra

## 5.3 检测结果 Test Result: 限值依照标准 HJ 2542-2016 中表 2//Limit according to chart 2of the standard HJ 2542-2016

	检测项目 Test Item	结果 Result(mg/kg) 01	MDL(mg/kg)	限值 Limit (mg/kg)
苯 Benzene 甲苯 Toluene		N.D.	5	
		N.D.	5	
	乙苯 Ethylbenzene	N.D.	5	
	对二甲苯 p-xylene	N.D.	5	
二甲苯 Xylene	间二甲苯 M-xylene	N.D.	5	
7.9.0	邻二甲苯 O-xylene	N.D.	5	
二甲苯总和 Total xylene		N.D.		
苯、甲苯、二甲苯、乙苯的总量 Total of benzene, toluene, ethylbenzene and xylene		N.D.		≤100

#### 备注 Note

- 1) N.D. =未检测到 (小于 MDL)/Not Detected (Less than MDL)
- 2) MDL= 方法检出限/Method Detection Limit





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### 样品照片 Sample photo



\*\*\* 报 告 结 東 \*\*\* \*\*\* End of Report \*\*\*





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#### 声明 Statement

1.本检测报告首页所列信息中除样品来源、接样日期、检测日期、检测结果和检测结论外,均由委托方提供,委托方对样品的代表性和 资料的真实性负责,本实验室不承担任何相关责任。

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The judgment method of determining the conformity in this test report is according to the measured value without considering

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The underlined test item in the report is out of the scope of CMA accreditation. The test result only used for client's requirement, scientific researching ,teaching or internal quality control.

6.其它声明请查阅报告页脚及书面报告背页。

For other statements, please refer to the footer of the report.





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- 7.若需要在法院审理程序或者仲裁过程中使用测试报告,客户必须在提交测试样品前将该意图告知本公司。
  Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 8.该测试报告的支持数据和信息本公司保存 10 年。个别评审机构有特别要求的,检测数据和报告的保存期可依情况变动。一旦超过上述提交的保存期限,数据和信息将被处理掉。任何情况下,本公司不必提供任何被处理的过期数据或信息。即使本公司事先被告知可能会发生相关的损害,本公司在任何情况下也不必承担任何损害,包括(但不限于)补偿性赔偿、利润损失、数据遗失、或任何形式的特殊损害、附带损害、间接损害、从属损害或任何违反约定、违反承诺、侵权(包括疏忽)、产品责任或其他原因的惩罚性损害

Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of ten years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

