



**BUREAU
VERITAS**

TEST REPORT

测试报告

LAB NO. 报告号码 : (9326)014-0364
DATE 完成日期 : Feb 03, 2026
PAGE 页码 : 1 OF 11

APPLICANT : **DOUBLE PAPER PRODUCT INDUSTRIES LTD**
UNIT 5, 6/F., CHEVALIER COMMERCIAL CENTRE, NO.8
WANG HOI ROAD, KOWLOON BAY, KOWLOON, HONG
KONG
申请人公司名称 大宝纸品工业有限公司
香港九龍九龍灣宏開道 8 號其士商業中心 6 樓 605 室

CONTACT PERSON : /
联系人名称

DATE OF SUBMISSION : Jan 14, 2026
样品收取日期 2026 年 1 月 14 日

TEST PERIOD : Jan 14, 2026 to Jan 28, 2026
所需工作周期 2026 年 1 月 14 日至 2026 年 1 月 28 日

SAMPLE DESCRIPTION : **MASTER CARTON, WITH 7 COLOURS PRINTING**
BLACH, PURPLE, RED, BLUE, GREEN, WHITE, YELLOW 彩色瓦楞
纸箱
样品描述

Color: 颜色 /

Style No/ Model no.: 款号 /

P.O. No.: /
订单号

Country of Origin: /
来源地

Country of Destination: /
目的地

BURER : /
买家

MANUFACTURER : /
制造商

RW

**Bureau Veritas Consumer Products Services
(Guangzhou) Co., Ltd**
No. 183, Shinan Road, Meilin Plaza, Dongchong,
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SUMMARY OF TEST RESULTS
测试结果摘要

TEST REQUESTED 测试项目	CONCLUSION 结论	REMARK 备注
Halogen (Fluorine, Chlorine, Bromine and Iodine) Content 卤素(氟、氯、溴和碘)含量	PASS 通过	
Heavy Metals , Flame Retardants and Phthalates Test – Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)重金属,阻燃剂和邻苯二甲酸盐 - 有关欧盟委员会针对电子产品的指令(电子电气禁用某些有害物质指令), 2011/65/EU 的修正指令 2015/863/EU	PASS 通过	
Decree of April 13, 2022(Arrêté du 13 avril 2022, the Decree)- Mineral oil 2022年4月13日法令 (Arrêté du 13 avril 2022, 法令) -矿物油	PASS 通过	

SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

ITEM	ITEM DESCRIPTION
1	Multi-color printed brown corrugated paper board (box)# 多色印褐色 CORRUGATED 纸板(盒子)



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BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD

Andy

ANDY WANG
OPERATION MANAGER

REMARK

If there are questions or concerns on this report, please contact the following persons:

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Photo of the Submitted Sample
递交样品照片





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TEST RESULT

测试结果

Halogen (Fluorine, Chlorine, Bromine and Iodine) Content

卤素(氟、氯、溴和碘)含量

Parameter 项目	Unit 单位	Result 结果	Client's Limit 客户限值
		1	-
Fluorine 氟 (F)	mg/kg	75	-
Chlorine 氯 (Cl)	mg/kg	849	900
Bromine 溴 (Br)	mg/kg	ND 未检出	900
Iodine 碘 (I)	mg/kg	ND 未检出	-
Chlorine 氯 (Cl) + Bromine 溴 (Br)		849	1500
Conclusion 结论	-	PASS 通过	-

Note 注释: ND = Not detected 未检出

mg/kg = milligram per kilogram= 毫克/千克

"<" = less than 小于

Detection Limit (mg/kg) 检出限: Fluorine 氟 (F):20 mg/kg, others 其他:50 mg/kg each.

Method: Sample was firstly combusted and absorbed with solvent. The solution was then analysed by Ion Chromatography. (reference to EN14582:2016).

方法: 样品先燃烧后用溶剂吸收。然后用离子色谱法对溶液进行分析。(参考 EN14582:2016)



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TEST RESULT 测试结果

Heavy Metals , Flame Retardants and Phthalates Test – Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)重金属, 阻燃剂和邻苯二甲酸盐 – 有关欧盟委员会针对电子产品的指令(电子电气禁用某些有害物质指令), 2011/65/EU 的修正指令 2015/863/EU

Test Method : See Appendix.
 测试方法 见附录

See Analytes (Parameter) and their corresponding Maximum Allowable Limit (Req.) in Result Table 分析物 (参数) 及其对应的最大允许限 (要求) - 见结果表	Type I 类 I	Metallic material 金属材料
	Type II 类 II	Glass or ceramic material 玻璃或陶瓷材料
	Type III 类 III	Other non-metallic material except Type II 其他非金属材料, 类 II 材料除外

	Unit 单位	Req. 要求	Result 结果
-	-	-	1
Test Item(s) 测试项目	-	-	1
Type 类型	-	III	III
Parameter 参数	-	-	-
Lead (Pb) 铅	mg/kg	1000	ND
Cadmium (Cd) 镉	mg/kg	100	ND
Mercury (Hg) 汞	mg/kg	1000	ND
Chromium VI (Cr VI) 六价铬	mg/kg	1000	ND
PBBs 多溴联苯	mg/kg	1000	ND
MonoBB 一溴联苯	mg/kg	-	ND
DiBB 二溴联苯	mg/kg	-	ND
TriBB 三溴联苯	mg/kg	-	ND
TetraBB 四溴联苯	mg/kg	-	ND
PentaBB 五溴联苯	mg/kg	-	ND
HexaBB 六溴联苯	mg/kg	-	ND
HeptaBB 七溴联苯	mg/kg	-	ND
OctaBB 八溴联苯	mg/kg	-	ND
NonaBB 九溴联苯	mg/kg	-	ND
DecaBB 十溴联苯	mg/kg	-	ND
PBDEs 多溴二苯醚	mg/kg	1000	ND
MonoBDE 一溴二苯醚	mg/kg	-	ND
DiBDE 二溴二苯醚	mg/kg	-	ND
TriBDE 三溴二苯醚	mg/kg	-	ND
TetraBDE 四溴二苯醚	mg/kg	-	ND
PentaBDE 五溴二苯醚	mg/kg	-	ND
HexaBDE 六溴二苯醚	mg/kg	-	ND
HeptaBDE 七溴二苯醚	mg/kg	-	ND



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OctaBDE 八溴二苯醚	mg/kg	-	ND
NonaBDE 九溴二苯醚	mg/kg	-	ND
DecaBDE 十溴二苯醚	mg/kg	-	ND
Bis(2-ethylhexyl) phthalate (DEHP) 邻苯二甲酸二(2-乙基己基)酯	mg/kg	1000	ND
Butyl benzyl phthalate (BBP) 邻苯二甲酸丁苄酯	mg/kg	1000	ND
Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯	mg/kg	1000	ND
Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯	mg/kg	1000	ND
Conclusion 结论	-	-	PASS 通过

Note / Key 注释:

ND = Not detected 未检出 “>” = Greater than 大于 Req. = Requirement 要求
NR = Not requested 未要求 mg/kg = milligram(s) per kilogram 毫克每千克 = ppm = part(s) per million
% = percent 百分率 10 000 mg/kg = 1 %
Detection Limit 检出限 (mg/kg) :
For Type I - Each (Pb, Cd & Hg) : 2.0
类 I - 各 (铅, 镉和汞) : 2.0
For Type II - Each (Pb, Cd, Hg & Cr VI) : 2.0
类 II - 各 (铅, 镉, 汞和六价铬) : 2.0
For Type III - Metal, Polymers & Electronics - Each (Pb, Cd, Hg & Cr VI) : 2.0; Each (PBBs & PBDEs) : 50;
Others - Each (Pb, Cd & Hg) : 2.0; Cr VI : 3.0; Each (PBBs & PBDEs) : 50,
each(Phthalates):50
类 III - 金属, 聚合物及电子 - 各 (铅, 镉, 汞和六价铬) : 2.0; 各 (多溴联苯和多溴二苯醚) : 50;
其他 - 各 (铅, 镉和汞) : 2.0; 六价铬 : 3.0; 各 (多溴联苯和多溴二苯醚) : 50; 各 (邻苯二甲酸盐) : 50

Remark 备注:

- The testing approach is listed in table of Appendix.
测试方法 – 见附录。
- Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).
金属材料的六价铬结果用阳性和阴性表示。阴性表示测试区域没有六价铬, 结果被视为符合欧洲议会和理事会指令 2011/65/EU 第 4 (1) 条。而阳性意味着检测区域存在六价铬, 结果被视为与欧洲议会和理事会指令 2011/65/EU 第 4 (1) 条相冲突。
- Only selected example(s) is (are) indicated on the photograph(s) in Comment.
照片只显示被选择的样品 – 见评论。
- According to Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU, Article 5 “Adaptation of the Annexes to scientific and technical progress”, exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.
根据欧盟委员会 2011/65/EU 的修正指令 2015/863/EU 中, 条款 5“适应科学技术进步的附件”, 附件 III 和 IV 中列明的测试项目中的材料和部件可予以豁免。



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APPENDIX 附录

List of Analytes and their Corresponding Test Methods [Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU] : 分析物名单及其相应的测试方法 欧盟委员会 2011/65/EU 的修正指令 2015/863/EU]:		
No.	Name of Analytes 分析物名称	Test Method(s) 测试方法
1	Lead (Pb) 铅	With reference to International Standard IEC 62321-5: 2013. 参照国际标准 IEC 62321-5: 2013.
2	Cadmium (Cd) 镉	
3	Mercury (Hg) 汞	With reference to International Standard IEC 62321-4: 2017. 参照国际标准 IEC 62321-4: 2017.
4	Chromium VI (Cr VI) 六价铬	<u>Metal 金属:</u> With reference to International Standard IEC 62321-7-1: 2015. 参照国际标准 IEC 62321-7-1: 2015. <u>Polymers and Electronics 聚合物及电子:</u> With reference to European Standard EN 62321-7-2: 2017 参照欧洲标准 EN 62321-7-2: 2017. <u>Leather 皮革:</u> International Standard ISO 17075: 2007 国际标准 ISO 17075: 2007 <u>Other than Metal, Leather, Polymers and Electronics:</u> 非金属, 皮革, 聚合物及电子: With reference to International Standard ISO 17075: 2007 参照国际标准 ISO 17075: 2007
5	Polybromobiphenyls (PBBs) 多溴联苯 - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	With reference to International Standard IEC 62321-6: 2015. 参照国际标准 IEC 62321-6: 2015.
6	Polybromodiphenyl ethers (PBDEs) 多溴二苯醚 - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	
7	-Bis(2-ethylhexyl) phthalate (DEHP) 邻苯二甲酸二(2-乙基己基)酯 - Butyl benzyl phthalate (BBP) 邻苯二甲酸丁苄酯 - Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯 - Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯	With reference to International Standard IEC 62321-8: 2017. 参照国际标准 IEC 62321-8: 2017.

[a] The principle of this method was evaluated and supported by two studies organized by IEC TC 111 WG3. These studies were focused on detecting the presence of Cr VI in the corrosion protection coatings on metallic samples. 该方法的原理是在由 IEC TC111 WG3 组织的两次研究中得到了充分评估并获得了认可。这些研究侧重于对金属样品上防腐涂层中六价铬的存在的检测(定性测试)。



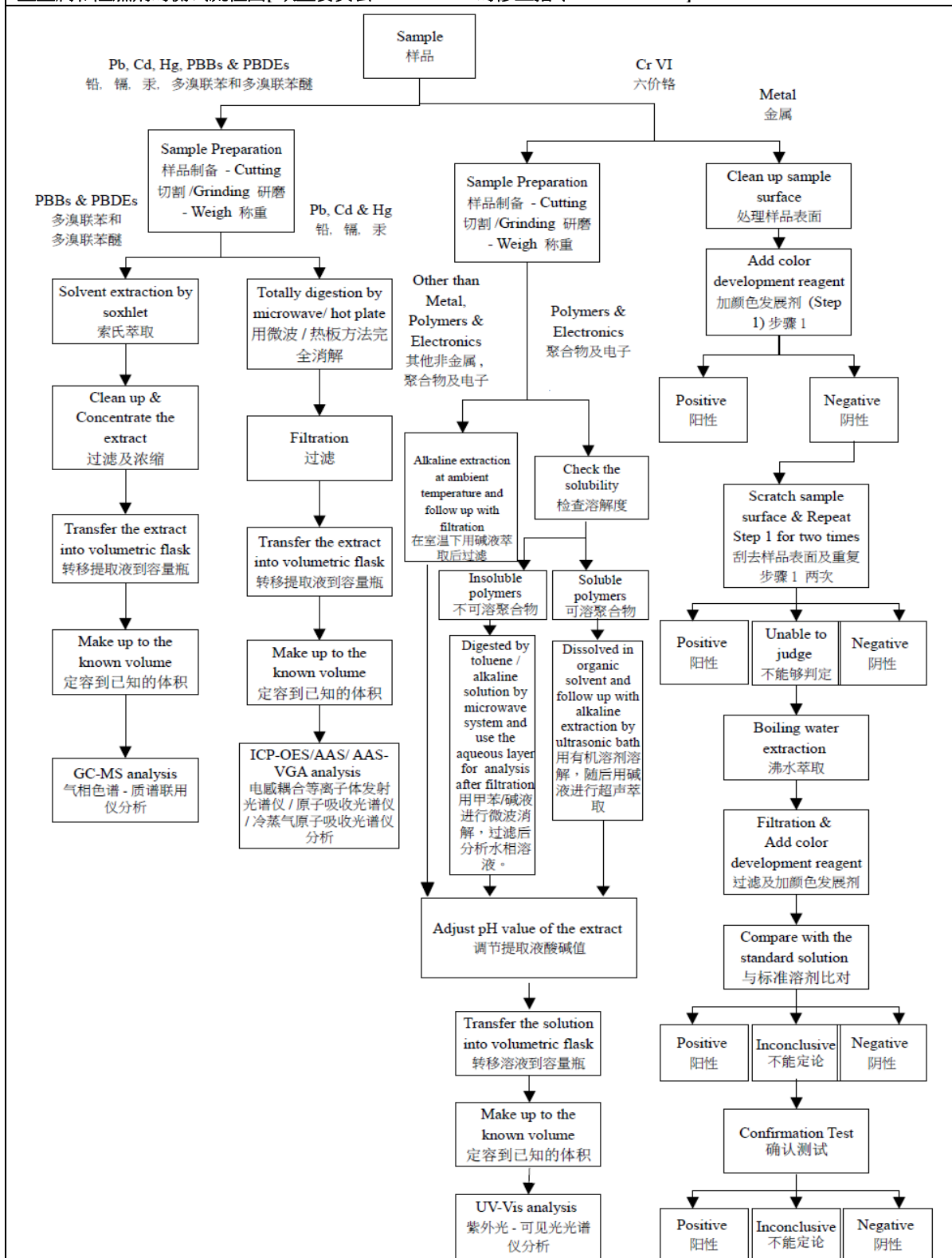
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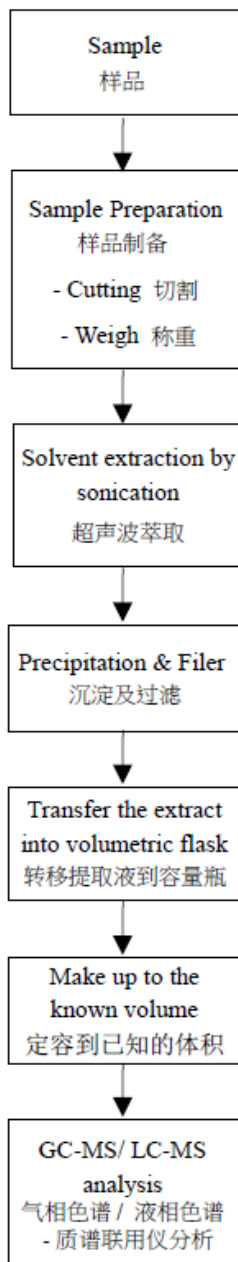
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Test Flowchart of Heavy Metals and Flame Retardants Content [Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU] : 重金属和阻燃剂的测试流程图| 欧盟委员会 2011/65/EU 的修正指令 2015/863/EU]:



Test Flowchart of Phthalates Content [Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU]:

邻苯二甲酸盐的测试流程图[欧盟委员会 2011/65/EU 的修正指令 2015/863/EU]:





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TEST RESULT

测试结果

Decree of April 13, 2022(Arrêté du 13 avril 2022, the Decree)- Mineral oil

2022年4月13日法令(Arrêté du 13 avril 2022, 法令)-矿物油

Test Method: With reference to BFR, analysis was performed by GC-MS.

测试方法: 参照BFR, 采用GC-MS进行分析。

Test Item 测试项目	Result结果	Unit 单位	MDL 方法检出限	Limit 限值
	1			
MOAH(1 to 7 aromatic rings) MOAH (1至7个芳香环)	N.D.	%	0.0001	0.1
MOAH(3 to 7 aromatic rings) MOAH (3至7个芳香环)	N.D.	%	0.0001	0.0001
MOSH(C16-C35)	0.033	%	0.005	0.1
Conclusion 结论	PASS 通过	-	SSSS-	-

Remark: 1) 1mg/kg = 1ppm = 0.0001%

备注 2) "N.D." = Not Detected (Below method detection limit) 未检出

3) MDL = Method detection limit 方法检出限

Remark: Mineral oil was subcontracted item.

备注: 矿物油为分包项目。

END 结束