

## 測試報告 Test Report

號碼(No.) : CY/2019/A0135

日期(Date) : 2019/10/29

頁數(Page) : 1 of 4

中華紙漿股份有限公司

CHUNG HWA PULP CORPORATION

台北市中正區重慶南路二段51號12樓

12F., NO. 51, SEC. 2, CHUNGCHING S. RD., ZHONGZHENG DISTRICT, TAIPEI CITY 100, TAIWAN, R. O. C.


以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 中華紙漿股份有限公司 (CHUNG HWA PULP CORPORATION)  
樣品名稱(Sample Description) : EASY STRAW PAPER (益利吸吸管用紙)  
樣品材質(Sample Material) : 紙 (PAPER)  
收件日期(Sample Receiving Date) : 2019/10/08  
測試期間(Testing Period) : 2019/10/08 to 2019/10/28

### 測試需求(Test Requested) :

依據客戶指定, 參考Council of Europe Resolution AP (2002) 1進行測試. 測試項目請參閱測試結果表格. / As specified by client, the sample(s) was/were tested with reference to Council of Europe Resolution AP (2002) 1. Please refer to result table for testing item(s).

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages).

  
Singh Hsiao / Sr. Supervisor  
Signed for and behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory - Taipei



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

# 測試報告

## Test Report

號碼(No.) : CY/2019/A0135

日期(Date) : 2019/10/29

頁數(Page) : 2 of 4

中華紙漿股份有限公司

CHUNG HWA PULP CORPORATION

台北市中正區重慶南路二段51號12樓

12F., NO. 51, SEC. 2, CHUNGCHING S. RD., ZHONGZHENG DISTRICT, TAIPEI CITY 100, TAIWAN, R. O. C.

### 測試結果(Test Results)

測試部位(PART NAME) No.1 : 白色紙 (WHITE PAPER)

通過(PASS)

測試項目 (Test Item)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	限值 (Limit)
				No. 1	
可溶出重金屬-鉛 (水, 23°C, 24 小時) / Extrable Heave Metal-Lead (Pb) (water, 23°C, 24 hrs)	mg/dm <sup>2</sup>	參考EN 645 (1994), 以感應耦合電漿質譜儀分析. / With reference to EN 645 (1994). Analysis was performed by ICP-MS.	0.002	n. d.	0.003
可溶出重金屬-鎘 (水, 23°C, 24 小時) / Extrable Heave Metal-Cadmium (Cd) (water, 23°C, 24 hrs)	mg/dm <sup>2</sup>	參考EN 645 (1994), 以感應耦合電漿質譜儀分析. / With reference to EN 645 (1994). Analysis was performed by ICP-MS.	0.001	n. d.	0.002
可溶出重金屬-汞 (水, 23°C, 24 小時) / Extrable Heave Metal-Mercury (Hg) (water, 23°C, 24 hrs)	mg/dm <sup>2</sup>	參考EN 645 (1994), 以感應耦合電漿質譜儀分析. / With reference to EN 645 (1994). Analysis was performed by ICP-MS.	0.001	n. d.	0.002
五氯酚 / Pentachlorophenol (PCP) (CAS No. : 87-86-5)	mg/kg	參考ISO 17070 (2006), 以氣相層析電子捕捉偵測器檢測. / With reference to ISO 17070 (2006). Analysis was performed by GC-ECD.	0.05	n. d.	0.15
螢光增白劑堅牢度 / Fastness of fluorescent whitened paper and board (3%乙酸水溶液(W/V) / 3% Acetic acid (W/V) aqueous solution)	-	參考 EN 648 (2018), 用UV lamp分析. / With reference to EN 648 (2018), analysis was performed by UV lamp. (23±2°C, 4 hrs)	-	5級 / Grade 5	★

# 測試報告 Test Report

號碼(No.) : CY/2019/A0135

日期(Date) : 2019/10/29

頁數(Page) : 3 of 4

中華紙漿股份有限公司

CHUNG HWA PULP CORPORATION

台北市中正區重慶南路二段51號12樓

12F., NO. 51, SEC. 2, CHUNGCHING S. RD., ZHONGZHENG DISTRICT, TAIPEI CITY 100, TAIWAN, R. O. C.

## 抗菌劑轉移 / Transfer of antimicrobial agents

測試方法(Test method) : 參考EN 1104 (2018). / With reference to EN 1104 (2018).

測試菌種 (Test Organism)	孢子濃度 / Concentration of Spores (conidia/mL Agar)	抑菌圈 (Inhibition Zone Area)
		5天後 (After 5 days)
黑麴黴 <i>Aspergillus niger</i> ATCC 6275	1.0 x 10 <sup>5</sup>	0 mm

測試菌種 (Test Organism)	孢子濃度 / Concentration of Spores (conidia/mL Agar)	抑菌圈 (Inhibition Zone Area)
		3天後 (After 3 days)
枯草芽孢桿菌 <i>Bacillus subtilis</i> ATCC 6633	1.0 x 10 <sup>4</sup>	0 mm

## 備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出) = 小於 (less than) MDL
4. "-" = Not Regulated (無規格值)
5. 測試條件及模擬液是由客戶指定 (Test condition & simulant were specified by client).
6. °C = degree Celsius / 攝氏溫度
7. ★ = Grade 5 / 5級  
沾色灰度等級評判分為5個等級, 1為最差, 5為最好  
(Grey Scale Rating is based on the 5 step scale of 1 to 5, where 1 is bad and 5 is good.)

## 測試報告 Test Report

號碼(No.) : CY/2019/A0135

日期(Date) : 2019/10/29

頁數(Page) : 4 of 4

中華紙漿股份有限公司

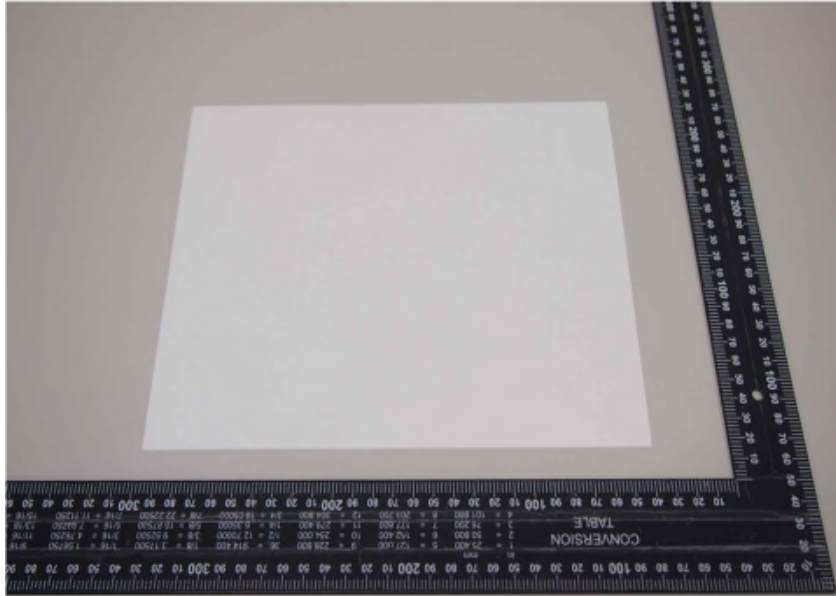
CHUNG HWA PULP CORPORATION

台北市中正區重慶南路二段51號12樓

12F., NO. 51, SEC. 2, CHUNGCHING S. RD., ZHONGZHENG DISTRICT, TAIPEI CITY 100, TAIWAN, R. O. C.

\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。\*  
(The tested sample / part is marked by an arrow if it's shown on the photo.)

### CY/2019/A0135



\*\* 報告結尾 (End of Report) \*\*