

測試報告

Test Report

號碼(No.): ETR20A01409

日期(Date): 21-Oct-2020

頁數(Page): 1 of 6

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 Name) : EGR® BROWN GREASEPROOF PAPER (益利Fun®非氟防油紙(棕色))

=====
收件日(Sample Receiving Date) : 12-Oct-2020
測試期間(Testing Period) : 12-Oct-2020 to 21-Oct-2020

測試需求(Test Requested) : 依據客戶要求進行全氟化合物測試。測試項目請參閱測試結果表格。(As specified by client, the sample(s) was/were tested Perfluorinated compounds(PFCs). Please refer to next pages for the item(s).)

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


Troy Chang, Manager, Technical
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: D154275B

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測試部位敘述 (Test Part Description)

No.1 : 棕色紙 (BROWN PAPER)

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
全氟丁酸 (PFBA) (Perfluorobutanoic acid (PFBA)) (CAS No.: 375-22-4)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
九氟戊酸 (PFPeA) (Perfluoropentanoic acid (PFPeA)) (CAS No.: 2706-90-3)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟辛酸 (PFOA) (Pentadecafluorooctanoic acid (PFOA)) (CAS No.: 335-67-1)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
十一氟己酸及其銨鹽 (Undecafluorohexanoic acid and its ammonium salt) (CAS No.: 307-24-4)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟庚酸 (PFHpA) (Perfluoroheptanoic acid (PFHpA)) (CAS No.: 375-85-9)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟辛烷磺酸 (PFOS) (Perfluorooctanyl sulphonic acid and its salts (PFOS)) (CAS No.: 1763-23-1)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟辛基磺醯胺 (PFOSA) (Perfluorooctane sulfonamide (PFOSA)) (CAS No.: 754-91-6)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟壬酸 (PFNA) (Perfluorononanoic acid (PFNA)) (CAS No.: 375-95-1)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
十九氟癸酸 (PFDA) (Perfluorodecane acid (PFDA)) (CAS No.: 335-76-2)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.

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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.)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
全氟十一酸 (PFUnA) (Perfluoroundecanoic acid (PFUnA)) (CAS No.: 2058-94-8)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟十二酸 (PFDoA) (Perfluorododecanoic acid (PFDoA)) (CAS No.: 307-55-1)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟十三酸 (PFTrA) (Perfluorotridecanoic acid (PFTrA)) (CAS No.: 72629-94-8)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟十四酸 (PFTeA) (Perfluorotetradecanoic acid (PFTeA)) (CAS No.: 376-06-7)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟丁基磺酸 (PFBS) (Perfluorobutane sulfonate (PFBS)) (CAS No.: 375-73-5)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟己基磺酸 (PFHxS) (Perfluorohexane sulfonate (PFHxS)) (CAS No.: 355-46-4)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟庚基磺酸 (PFHpS) (Perfluoroheptane sulfonate (PFHpS)) (CAS No.: 375-92-8)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟癸基磺酸 (PFDS) (Perfluorodecane sulfonate (PFDS)) (CAS No.: 335-77-3)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
1H,1H,2H,2H-全氟-1-己醇 (4:2 FTOH) (1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)) (CAS No.: 2043-47-2)	參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.)	mg/kg	10	n.d.
1H,1H,2H,2H-全氟-1-辛醇 (6:2 FTOH) (1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)) (CAS No.: 647-42-7)	參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.)	mg/kg	10	n.d.

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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.)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
1H,1H,2H,2H-全氟-1-癸醇 (8:2 FTOH) (1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)) (CAS No.: 678-39-7)	參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.)	mg/kg	10	n.d.
1H,1H,2H,2H-全氟-1-十二醇 (10:2 FTOH) (1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)) (CAS No.: 865-86-1)	參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.)	mg/kg	10	n.d.
1H,1H,2H,2H-全氟辛基丙烯酸酯 (6:2 FTA) (1H,1H,2H,2H-Perfluorooctyl acrylate (6:2 FTA)) (CAS No.: 17527-29-6)	參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.)	mg/kg	10	n.d.
1H,1H,2H,2H-全氟癸基丙烯酸酯 (8:2 FTA) (1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)) (CAS No.: 27905-45-9)	參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.)	mg/kg	10	n.d.
1H,1H,2H,2H-全氟癸基丙烯酸乙酯 (10:2 FTA) (1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)) (CAS No.: 17741-60-5)	參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.)	mg/kg	10	n.d.
1H,1H,2H,2H-全氟辛烷磺酸 (H4PFOS 6:2) (1H,1H,2H,2H-Perfluorooctanesulphonic acid (H4PFOS 6:2)) (CAS No.: 27619-97-2)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
2H,2H,3H,3H-全氟十一烷酸 (4HPFUnA) (2H,2H,3H,3H-Perfluoroundecanoic acid (4HPFUnA)) (CAS No.: 34598-33-9)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
N-甲基全氟正辛磺醯胺 (N-Me-FOSA) (N-Methyl-perfluorooctanesulfonamide (N-Me-FOSA)) (CAS No.: 31506-32-8)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
N-乙基全氟正辛磺醯胺 (N-Et-FOSA) (N-Ethyl perfluorooctanesulfonamide (N-Et-FOSA)) (CAS No.: 4151-50-2)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
N-甲基全氟辛基磺醯胺乙醇 (N-Me-FOSE) (N-Methyl-perfluorooctanesulfonamidoethanol (N-Me-FOSE)) (CAS No.: 24448-09-7)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.

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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
N-乙基全氟辛基磺醯胺乙醇 (N-Et-FOSE) (N-Ethyl-perfluorooctanesulfonamidoethanol (N-Et-FOSE)) (CAS No.: 1691-99-2)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
全氟-3,7-二甲基辛酸 (PF-3,7-DMOA) (Perfluoro-3,7-dimethyloctanoic acid (PF-3,7-DMOA)) (CAS No.: 172155-07-6)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
7H-十二氟庚酸 (HPFHpA) (7H-Dodecanefluoroheptane acid (HPFHpA)) (CAS No.: 1546-95-8)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.
2H,2H-全氟癸酸 (H2PFDA) (2H,2H-Perfluorodecane acid (H2PFDA)) (CAS No.: 882489-14-7)	參考US EPA 3550C: 2007 · 以液相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by LC/MS.)	mg/kg	10	n.d.

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MDL / Less than MDL

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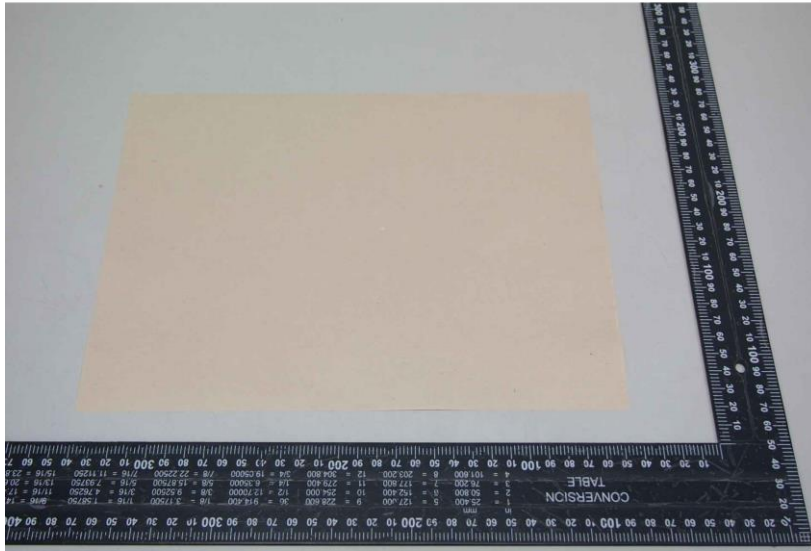
中華紙漿股份有限公司 (CHUNG HWA PULP CORPORATION)

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* 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.)

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** 報告結尾 (End of Report) **

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