

# Test Report

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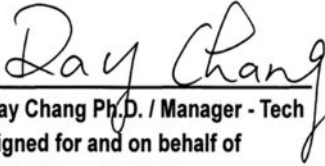
PT. INDAH KIAT PULP & PAPER TBK.

JL. RAYA SERANG KM. 76, SERANG, BANTEN, DESA SENTUL, KEC. KRAGILAN

**The following samples was/were submitted and identified by/on behalf of the applicant as :**

Sample Submitted By : PT. INDAH KIAT PULP & PAPER TBK.  
Sample Description : FOOPAK PE BOARD  
Job No. : 2010011915  
Sample Receiving Date : 2020/07/15  
Testing Period : 2020/07/15 TO 2020/07/22

=====  
**Test Result(s)** : Please refer to following pages.

  
Ray Chang Ph.D. / Manager - Tech  
Signed for and on behalf of  
SGS Taiwan Limited  
Chemical Laboratory-Kaohsiung



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## Test Result(s)

PART NAME No.1 : WHITE PAPER

| Test Item(s)   | Unit  | Method  | MDL | Result |
|--|-------|---|-----|--------|
|  |       |   |     | No.1   |
| Perfluorooctane sulfonates (PFOS)                        | mg/kg | With reference to CEN/TS 15968. Analysis was performed by LC/MS/MS. | 1   | n.d.   |
| Perfluorooctane acid (PFOA) (CAS No.: 335-67-1)          | mg/kg |   | 1   | n.d.   |
| Perfluorooctanesulfonamide (PFOSA) (CAS No.: 754-91-6)   | mg/kg |   | 1   | n.d.   |
| Perfluorohexanoic acid (PFHxA) (CAS No.: 307-24-4)       | mg/kg |   | 1   | n.d.   |
| Perfluoroheptanoic acid (PFHpA) (CAS No.: 375-85-9)      | mg/kg |   | 1   | n.d.   |
| Perfluorobutane sulfonate (PFBS) (CAS No.: 375-73-5)     | mg/kg |   | 1   | n.d.   |
| Perfluorohexane sulfonate (PFHxS) (CAS No.: 355-46-4)    | mg/kg |   | 1   | n.d.   |
| Perfluoroheptane sulfonate (PFHpS) (CAS No.: 375-92-8)   | mg/kg |   | 1   | n.d.   |
| Perfluorodecanoic Acid (PFUnA) (CAS No.: 2058-94-8)      | mg/kg |   | 1   | n.d.   |
| Perfluorododecanoic Acid (PFDoA) (CAS No.: 307-55-1)     | mg/kg |   | 1   | n.d.   |
| Perfluorotridecanoic Acid (PFTTrA) (CAS No.: 72629-94-8) | mg/kg |   | 1   | n.d.   |
| Perfluorotetradecanoic Acid (PFTeA) (CAS No.: 376-06-7)  | mg/kg |   | 1   | n.d.   |
| Perfluorodecane Sulfonate (PFDS) (CAS No.: 126105-34-8)  | mg/kg |   | 1   | n.d.   |

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| Test Item(s)  | Unit  | Method  | MDL | Result |
|---|-------|---|-----|--------|
|   |       |   |     | No.1   |
| 1H,1H,2H,2H-Perfluorooctanesulphonic acid (1H,1H,2H,2H-PFOS9) should be equal to 1H,1H,2H,2H-PFOS 6:2 (CAS No.: 27619-97-2) | mg/kg | With reference to CEN/TS 15968. Analysis was performed by LC/MS/MS. | 1   | n.d.   |
| Perfluorobutanoic acid (PFBA) (CAS No.: 375-22-4)   | mg/kg |   | 1   | n.d.   |
| Perfluoropentanoic acid (PFPeA) (CAS No.: 2706-90-3)  | mg/kg |   | 1   | n.d.   |
| Perfluorononanoic acid (PFNA) (CAS No.: 375-95-1)   | mg/kg |   | 1   | n.d.   |
| Perfluorodecane Acid (PFDA) (CAS No.: 335-76-2)   | mg/kg |   | 1   | n.d.   |
| Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA) (CAS No.: 172155-07-6)  | mg/kg |   | 1   | n.d.   |
| 7H-Dodecanefluoroheptane Acid (HPFHpA) (CAS No.: 1546-95-8)   | mg/kg |   | 1   | n.d.   |
| 2H,2H-Perfluorodecane Acid (H2PFDA) (CAS No.: 882489-14-7)  | mg/kg |   | 1   | n.d.   |
| 2H,2H,3H,3H-Perfluoroundecanoic acid (4HPFUnA) (CAS No.: 34598-33-9)  | mg/kg |   | 1   | n.d.   |
| N-Methyl-Perfluorooctanesulfonamidoethanol (N-Me-FOSE alcohol) (CAS No.: 24448-09-7)  | mg/kg |   | 1   | n.d.   |
| N-Ethyl-Perfluorooctanesulfonamidoethanol (N-Et-FOSE alcohol) (CAS No.: 1691-99-2)  | mg/kg |   | 1   | n.d.   |
| N-Methyl-Perfluorooctanesulfonamide (N-Me-FOSA) (CAS No.: 31506-32-8)   | mg/kg |   | 1   | n.d.   |
| N-Ethyl-Perfluorooctanesulfonamide (N-Et-FOSA) (CAS No.: 4151-50-2)   | mg/kg |   | 1   | n.d.   |

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| Test Item(s)  | Unit  | Method  | MDL | Result |
|---|-------|---|-----|--------|
|   |       |   |     | No.1   |
| 1H,1H,2H,2H-Perfluorooctylacrylat (6:2 FTA)<br>(CAS No.: 17527-29-6)    | mg/kg | With reference to CEN/TS 15968. Analysis was performed by LC/MS/MS. | 1   | n.d.   |
| 1H,1H,2H,2H-Perfluorodecylacrylat (8:2 FTA)<br>(CAS No.: 27905-45-9)    | mg/kg |   | 1   | n.d.   |
| 1H,1H,2H,2H-Perfluorododecylacrylat (10:2 FTA)<br>(CAS No.: 17741-60-5) | mg/kg |   | 1   | n.d.   |
| 1H,1H,2H,2H-Perfluorohexan-1-ol (4:2 FTOH)<br>(CAS No.: 2043-47-2)      | mg/kg |   | 1   | n.d.   |
| 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)<br>(CAS No.: 647-42-7)       | mg/kg |   | 1   | n.d.   |
| 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)<br>(CAS No.: 678-39-7)       | mg/kg |   | 1   | n.d.   |
| 1H,1H,2H,2H-Perfluorododecan-1-ol (10:2 FTOH)<br>(CAS No.: 865-86-1)    | mg/kg |   | 1   | n.d.   |

**Note :**

- 1 ppm = 1000 ppb ; mg/kg = ppm ; 0.1wt% = 1000ppm
- MDL = Method Detection Limit
- n.d. = Not Detected = less than MDL

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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*

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\*\* End of Report \*\*

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