



## Test Report

Applicant : PT Indah Kiat Pulp And Paper Tbk  
JI Raya Serang Km 76 Kragilan  
Serang Banten 42184

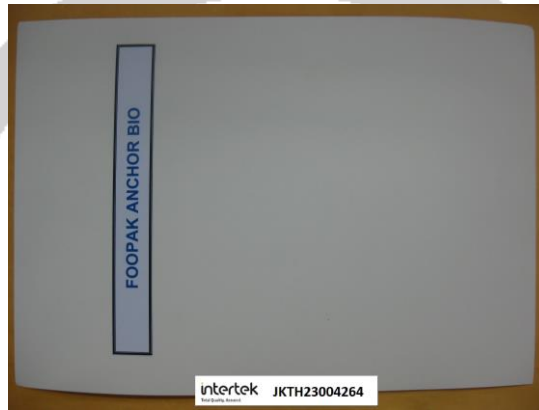
Date : Jan 05, 2024

Attn : Fini Fitriani, Tohari Waluyo

### Sample description:

One (1) group of submitted sample said to be :

Material Name	:	<b>FOOPAK ANCHOR BIO</b>
Country Of Original	:	Indonesia
Manufacturers Name	:	PT. Indah Kiat Pulp And Paper Tbk
Date sample received	:	Dec 26, 2023
Testing period	:	Dec 26, 2023 to Jan 05, 2024



### Test conducted:

As requested by the applicant, for details please refer to attached pages.

### Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	Toxics in Packaging Clearinghouse Model Legislation – US TPCH - PFAS Content	See test conduct

### Remark:

Test subcontracted to Intertek Vietnam

FN  
Prepared and checked by:  
For Intertek Indonesia

Made Widyani  
Operation Manager - Testing



## Test Report

Report Number: JKTH23004264

### Test Conducted:

Test Result Summary:

#### PFAS Content (Toxics in Packaging Clearinghouse – US TPCH)

Test method: By solvent extraction and followed by Liquid Chromatographic - Tandem Mass Spectrometer (LC-MS/MS) analysis and Gas Chromatography Mass Spectrometry (GC-MS) analysis.

No.	Substances	CAS No	Result ( $\mu\text{g}/\text{m}^2$ )	Limit ( $\mu\text{g}/\text{m}^2$ )
1	Perfluorooctanoic acid (PFOA)	335-67-1	ND	ND
2	Sodium perfluorooctanoate (PFOA-Na)	335-95-5	ND	ND
3	Potassium perfluorooctanoate (PFOA-K)	2395-00-8	ND	ND
4	Silver perfluorooctanoate (PFOA-Ag)	335-93-3	ND	ND
5	Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	ND	ND
6	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	ND	ND
7	2-Perfluorooctylethanol (8:2 FTOH)	678-39-7	ND	ND
8	1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	ND	ND
9	Methyl perfluorooctanoate (Me-PFOA)	376-27-2	ND	ND
10	1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	ND	ND
11	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	ND	ND
12	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	ND	ND
13	Perfluoro-1-iodooctane (PFOI)	507-63-1	ND	ND
14	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ND	ND
15	Perfluorooctanesulfonic acid, potassium salt (PFOS-K)	2795-39-3	ND	ND
16	Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5	ND	ND
17	Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH <sub>4</sub> )	29081-56-9	ND	ND
18	Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(OH) <sub>2</sub> )	70225-14-8	ND	ND
19	Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )	56773-42-3	ND	ND
20	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-1-octanesulfonic acid (PFOS-DDA)	251099-16-8	ND	ND
21	Perfluoro-1-octanesulfonyl fluoride (POSF)	307-35-7	ND	ND
22	Perfluorooctane sulfonamide (PFOSA)	754-91-6	ND	ND
23	N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2	ND	ND
24	N-Methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	ND	ND

This report shall not be reproduced wholly or in parts without written approval of the laboratory

Except where explicitly agreed in writing, all work and services performed by Intertek is subject to our General Term and Conditions.

For the complete term and condition, please visit : <http://www.intertek.com/terms/>



## Test Report

Report Number: JKTH23004264

No.	Substances	CAS No	Result ( $\mu\text{g}/\text{m}^2$ )	Limit ( $\mu\text{g}/\text{m}^2$ )
25	2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2	ND	ND
26	2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)	24448-09-7	ND	ND
27	Perfluoro-butanoic acid (PFBA)	375-22-4	2.2	ND
28	Perfluoro-butane-sulfonic acid (PFBS)	375-73-5	ND	ND
29	Perfluoro-butane-sulfonic acid, K-salt (PFBS-K)	29420-49-3	ND	ND
30	Perfluoro-pentanoic acid (PFPeA)	2706-90-3	ND	ND
31	Perfluoro-hexanoic acid (PFHxA)	307-24-4	ND	ND
32	Perfluoro-hexane-sulfonic acid (PFHxS)	355-46-4	ND	ND
33	Perfluoro-hexane-sulfonic acid, Na-salt (PFHxS-Na)	82382-12-5	ND	ND
34	Perfluoro-hexane-sulfonic acid, K-salt (PFHxS-K)	3871-99-6	ND	ND
35	Perfluoro-heptanoic acid (PFHpA)	375-85-9	ND	ND
36	Perfluoro-heptane-sulfonate (PFHpS)	375-92-8	ND	ND
37	Perfluoro-heptane-sulfonate Na-salt (PFHpS-Na)	68555-66-8	ND	ND
38	Perfluoro-decane-sulfonic acid (PFDS)	335-77-3, 126105-34-8	ND	ND
39	Perfluoro-decane-sulfonic acid, Na-salt (PFDS-Na)	2806-15-7	ND	ND
40	Perfluoro-decane-sulfonic acid, K-salt (PFDS-K)	2806-16-8	ND	ND
41	Perfluoro-decane-sulfonic acid, Amonium- salt (PFDS-NH <sub>4</sub> )	67906-42-7	ND	ND
42	Perfluoro-nonanoic acid (PFNA)	375-95-1	ND	ND
43	Perfluoro-nonanoic acid, Na-salt (PFNA- Na)	21049-30-8	ND	ND
44	Ammonium perfluorononanoate (APFN)	4149-60-4	ND	ND
45	Perfluoro-decanoic acid (PFDA)	335-76-2	ND	ND
46	Perfluoro-decanoic acid, Na-salt (PFDA- Na)	3830-45-3	ND	ND
47	Perfluoro-decanoic acid, Amonium-salt (PFDA-NH <sub>4</sub> )	3108-42-7	ND	ND
48	Perfluoro-undecanoic acid (PFUnA)	2058-94-8	ND	ND
49	Perfluoro-dodecanoic acid (PFDoA)	307-55-1	ND	ND
50	Perfluoro-tridecanoic acid (PFTrDA)	72629-94-8	ND	ND

This report shall not be reproduced wholly or in parts without written approval of the laboratory

Except where explicitly agreed in writing, all work and services performed by Intertek is subject to our General Term and Conditions.

For the complete term and condition, please visit : <http://www.intertek.com/terms/>

PT. Intertek Utama Services

Citrabuana Indoloka Building  
Jl. Cikini IV No.2, Gondangdia  
Jakarta 10330, Indonesia

Telp. (62-21) 391 8584 (Hunting), 391 8574 (Direct), Fax. (62-21) 391 8345  
Hardline Laboratory: Jakarta (62-21) 391 6611, Semarang (62-24) 762 7107 / 762 7325  
Email : [hlcoordinator.indonesia@intertek.com](mailto:hlcoordinator.indonesia@intertek.com) Website: [www.intertek.com](http://www.intertek.com)



## Test Report

Report Number: JKTH23004264

No.	Substances	CAS No	Result ( $\mu\text{g}/\text{m}^2$ )	Limit ( $\mu\text{g}/\text{m}^2$ )
51	Perfluoro-tetradecanoic acid (PFTeDA)	376-06-7	ND	ND
52	Perfluoro-3-7-dimethyl octane-carboxylate (PF-3,7 DMOA)	172155-07-6	ND	ND
53	7H-Dodecafluoro heptane carboxylate (HPFHpA)	1546-95-8	ND	ND
54	2H,2H-Perfluoro decan carboxylate (H2PFDA)	882489-14-7	ND	ND
55	2H,2H,3H,3H-Perfluoro-undecanoic acid (4HPFUnA)	34598-33-9	ND	ND
56	1H,1H,2H,2H-Perfluoro-octane-sulphonic acid (H4PFOS 6:2)	27619-97-2	ND	ND
57	1H,1H,2H,2H-Perfluorooctyl acrylate (6:2 FTA)	27527-29-6	ND	ND
58	1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	ND	ND
59	1H,1H,2H,2H-Perfluorohexanol (4:2 FTOH)	2043-47-2	ND	ND
60	1H,1H,2H,2H-Perfluorooctanol (6:2 FTOH)	647-42-7	ND	ND
61	1H,1H,2H,2H-Perfluorododecanol (10:2 FTOH)	865-86-1	ND	ND
62	Fluorotelomer sulfonate (H4PFHxS)	757124-72-4	ND	

Remark:

$\mu\text{g}/\text{m}^2$  = Microgram per square meter  
Detection limit =  $10 \mu\text{g}/\text{m}^2$  for No.7 to No.12 and No.57 to No.62;  $1 \mu\text{g}/\text{m}^2$  for Others  
ND = Not Detected

Tested component:

(1) FOOPAK ANCHOR BIO

Remark: As requested by the applicant, test was conducted on components listed in this report.

## END OF THE TEST REPORT ##

*This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>*

This report shall not be reproduced wholly or in parts without written approval of the laboratory

Except where explicitly agreed in writing, all work and services performed by Intertek is subject to our General Term and Conditions.

For the complete term and condition, please visit : <http://www.intertek.com/terms/>

PT. Intertek Utama Services

Citrabuana Indoloka Building  
Jl. Cikini IV No.2, Gondangdia  
Jakarta 10330, Indonesia

Telp. (62-21) 391 8584 (Hunting), 391 8574 (Direct), Fax. (62-21) 391 8345  
Hardline Laboratory: Jakarta (62-21) 391 6611, Semarang (62-24) 762 7107 / 762 7325  
Email : [hlcoordinator.indonesia@intertek.com](mailto:hlcoordinator.indonesia@intertek.com) Website: [www.intertek.com](http://www.intertek.com)