



Test Report

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

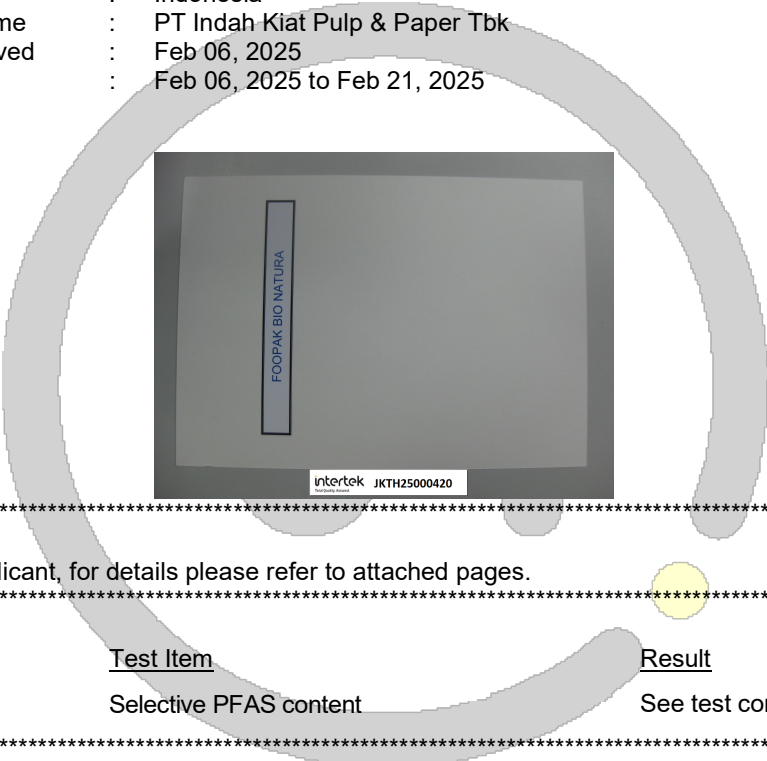
Date : Feb 21, 2025

Attn : Fini Fitriani, Tohari Waluyo

Sample description:

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

Material Name : **FOOPAK BIO NATURA**
Country of Original : Indonesia
Manufacturers Name : PT Indah Kiat Pulp & Paper Tbk
Date sample received : Feb 06, 2025
Testing period : Feb 06, 2025 to Feb 21, 2025



Test conducted:

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

Conclusion:

<u>Tested sample</u>	<u>Test Item</u>	<u>Result</u>
Submitted sample	Selective PFAS content	See test conducted

Remark:

Test subcontracted to Intertek China

Prepared and checked by:
For Intertek Indonesia

Made Widyani
Operation Manager - Testing



Test Report

Report Number: JKTH25000420

Test Conducted:

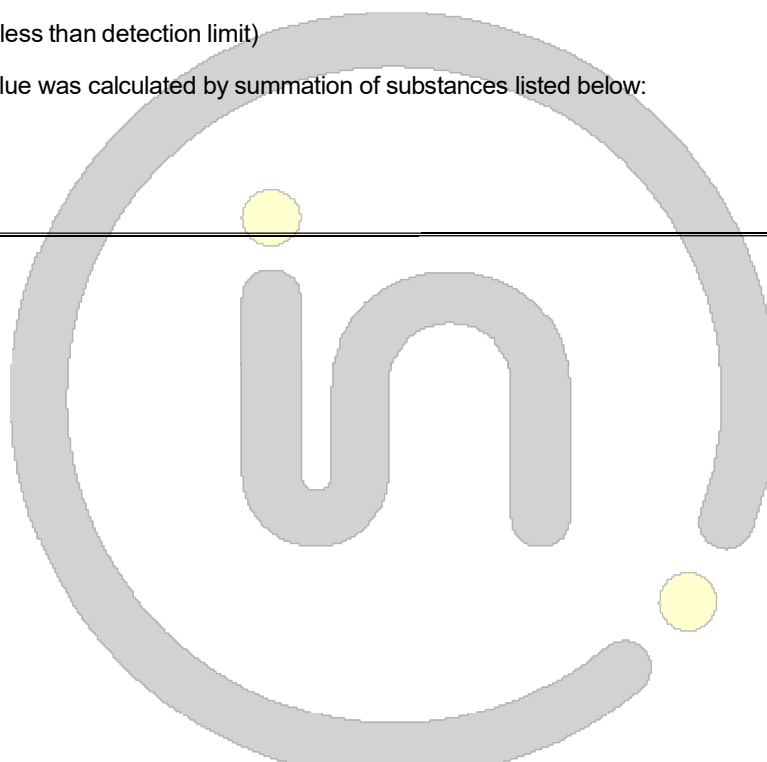
PFAS Content

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

<u>Test Item</u>	Result (mg/kg) Tested Component
	(1)
PFAS Content Δ	ND

ND = Not detected (less than detection limit)

Δ = The reported value was calculated by summation of substances listed below:



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Test Conducted:

PFAS Content

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

	Substances	CAS No.	Detection Limit (mg/kg)
1	Perfluorobutanoic acid (PFBA)	375-22-4	0.01
2	Heptafluorobutyl Fluoride*	335-42-2	0.01
3	Heptafluorobutyric anhydride*	336-59-4	0.01
4	Heptafluorobutanoic acid--piperazine (1/1)*	375-04-2	0.01
5	Heptafluorobutanoyl Bromide*	375-13-3	0.01
6	Heptafluorobutyl chloride*	375-16-6	0.01
7	4-Chlorobenzene-1-diazonium heptafluorobutanoate--heptafluorobutanoic acid (1/1/1)*	630-31-9	0.01
8	Butanoic acid, 2,2,3,3,4,4,4-heptafluoro-, sodium salt (1:1)*	2218-54-4	0.01
9	heptafluorobutanoic acid- 1-phenylpiperazine(1:1)*	2263-11-8	0.01
10	Heptafluorobutanoic Acid Calcium Salt*	2366-98-5	0.01
11	Potassium perfluorobutanoate*	2966-54-3	0.01
12	Silver heptafluorobutyrate*	3794-64-7	0.01
13	Lithium Perfluorobutanoate*	4146-76-3	0.01
14	Ammonium perfluorobutanoate*	10495-86-0	0.01
15	Perfluorobutanoate*	45048-62-2	0.01
16	Rhodium(II) Heptafluorobutyrate Dimer*	73755-28-9	0.01
17	N5-(5-Hydroxy-4,6-dimethylpyrimidin-2-yl)-L-ornithine--heptafluorobutanoic acid (1/2)*	936233-19-1	0.01
18	Perfluoropentanoic acid (PFPeA)	2706-90-3	0.01
19	Perfluoropentanoic Anhydride*	308-28-1	0.01
20	Potassium perfluoropentanoate*	336-23-2	0.01
21	Perfluoropentanoyl Fluoride*	375-62-2	0.01

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	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
22	Sodium perfluoropentanoate*	2706-89-0	0.01
23	Silver perfluoropentanoate*	2795-30-4	0.01
24	Perfluoropentanoate*	45167-47-3	0.01
25	Nonafluoropentanoic acid - 1-benzylthiourea*	64808-55-5	0.01
26	Ammonium perfluoropentanoate*	68259-11-0	0.01
27	Lithium perfluoropentanoate*	198482-22-3	0.01
28	Nonafluoropentanoyl chloride*	375-60-0	0.01
29	Nonafluoropentanoyl bromide*	159623-35-5	0.01
30	Perfluorohexanoic acid (PFHxA)	307-24-4	0.01
31	Perfluorohexanoic anhydride*	308-13-4	0.01
32	Perfluorohexanoyl Chloride*	335-53-5	0.01
33	Silver perfluorohexanoate*	336-02-7	0.01
34	Perfluorohexanoyl Fluoride*	355-38-4	0.01
35	Undecafluorohexanoic acid-piperazine (1:1)*	423-47-2	0.01
36	1-phenylpiperazine; 2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid*	985-60-4	0.01
37	Sodium perfluorohexanoate*	2923-26-4	0.01
38	Potassium perfluorohexanoate*	3109-94-2	0.01
39	Ammonium perfluorohexanoate (PFHxA-NH)*	21615-47-4	0.01
40	Lithium perfluorohexanoate*	90430-61-8	0.01
41	Perfluorohexanoate*	92612-52-7	0.01
42	Undecafluorohexanoic Acid--Hexan-1-Amine (1/1)*	565225-91-4	0.01
43	Perfluorohexanoyl Bromide*	1404193-66-3	0.01
44	Perfluoroheptanoic acid (PFHpA)	375-85-9	0.01
45	Perfluoroheptanoyl Fluoride*	375-84-8	0.01
46	Silver;2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptanoate*	424-05-5	0.01
47	Ammonium perfluoroheptanoate*	6130-43-4	0.01
48	Sodium perfluoroheptanoate*	20109-59-5	0.01
49	Potassium perfluoroheptanoate*	21049-36-5	0.01
50	Perfluoroheptanoyl Chloride*	52447-22-0	0.01
51	Lithium perfluoroheptanoate*	60871-90-1	0.01
52	Perfluoroheptanoic Anhydride*	78225-99-7	0.01
53	Perfluoroheptanoate*	120885-29-2	0.01
54	Perfluoroheptanoyl Bromide*	159623-34-4	0.01
55	Cesium 2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptanoate*	171198-24-6	0.01

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	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
56	Perfluorooctanoic acid (PFOA)	335-67-1	0.01
57	Perfluorooctanoyl Chloride*	335-64-8	0.01
58	Perfluorooctanoyl fluoride (PFOA-F) *	335-66-0	0.01
59	Silver perfluorooctanoate (PFOA-Ag) *	335-93-3	0.01
60	Sodium perfluorooctanoate (PFOA-Na) *	335-95-5	0.01
61	Pentadecafluorooctanoic acid--piperazine (2/1)*	423-52-9	0.01
62	pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1)*	1514-68-7	0.01
63	Potassium perfluorooctanoate (PFOA-K) *	2395-00-8	0.01
64	Ammonium pentadecafluorooctanoate (APFO)*	3825-26-1	0.01
65	Lithium perfluorooctanoate*	17125-58-5	0.01
66	Cesium Perfluorooctanoate*	17125-60-9	0.01
67	Perfluorooctanoate N,N,N-Trimethylmethanaminium*	32609-65-7	0.01
68	Perfluorooctanoic Anhydride*	33496-48-9	0.01
69	Cobalt perfluorooctanoate*	35965-01-6	0.01
70	Pentadecafluorooctanoate*	45285-51-6	0.01
71	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium(3+)*	68141-02-6	0.01
72	Pentadecafluorooctanoic Acid--Pyridine (1/1)*	95658-47-2	0.01
73	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, potassium salt, hydrate(1:1:2) (PFOA-K(H ₂ O) ₂)*	98065-31-7	0.01
74	N,N,N-Triethylethanaminium perfluorooctanoate*	98241-25-9	0.01
75	Perfluorooctanoyl Bromide*	222037-87-8	0.01
76	Tetrapropylammonium perfluorooctanoate*	277749-00-5	0.01
77	N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate*	927835-01-6	0.01
78	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, compd. With ethanamine (1:1) (PFOA-C ₂ H ₇ N)*	1376936-03-6	0.01
79	Perfluorononanoic acid (PFNA)	375-95-1	0.01
80	Perfluorononanoyl Fluoride*	558-95-2	0.01
81	Perfluorononanoate ammonium salt (APFN) *	4149-60-4	0.01
82	Silver perfluorononanoate*	7358-16-9	0.01
83	Potassium perfluorononanoate (PFNA-K)*	21049-38-7	0.01
84	Perfluorononanoate Na-Salt (PFNA-Na) *	21049-39-8	0.01
85	Perfluorononanoyl Chloride*	52447-23-1	0.01
86	Lithium heptadecafluorononanoate*	60871-92-3	0.01

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87	Perfluorononanoate*	72007-68-2	0.01
88	Methanaminium perfluorononanoate*	77032-23-6	0.01
89	Heptadecafluorononanoic acid--N-methylmethanamine (1/1)*	77032-24-7	0.01
90	Heptadecafluorononanoic acid--N-ethylethanamine (1/1)*	77032-27-0	0.01
91	Piperidinium perfluorononanoate*	95682-66-9	0.01
92	Heptadecafluorononanoic acid--aniline (1/1)*	95682-67-0	0.01
93	Perfluorononanoic Anhydride*	228407-54-3	0.01
94	Heptadecafluorononanoyl Bromide*	261503-42-8	0.01
95	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate*	298703-33-0	0.01
96	N,N-Diethylethanaminium heptadecafluorononanoate*	327176-80-7	0.01
97	Cyclohexanaminium perfluorononanoate*	328531-06-2	0.01
98	Perfluorodecanoic acid (PFDA)	335-76-2	0.01
99	Perfluorodecanoate ammonium salt (APFDA) *	3108-42-7	0.01
100	Perfluorodecanoate Na-salt (PFDA-Na) *	3830-45-3	0.01
101	Silver Perfluorodecanoate*	5784-82-7	0.01
102	Potassium Perfluorodecanoate*	51604-85-4	0.01
103	Perfluorodecanoate*	73829-36-4	0.01
104	Lithium Perfluorodecanoate*	84743-32-8	0.01
105	Perfluorodecanoic Anhydride*	942199-24-8	0.01
106	Perfluorodecanoyl chloride*	307-38-0	0.01
107	Perfluoroundecanoic acid (PFUdA)	2058-94-8	0.01
108	Ammonium perfluoroundecanoate*	4234-23-5	0.01
109	Potassium perfluoroundecanoate*	30377-53-8	0.01
110	Perfluoroundecanoic acid sodium salt*	60871-96-7	0.01
111	Calcium perfluoroundecanoate*	97163-17-2	0.01
112	Perfluoroundecanoate*	196859-54-8	0.01
113	Perfluorododecanoic acid (PFDoA)	307-55-1	0.01
114	Ammonium perfluorododecanoate*	3793-74-6	0.01
115	Sodium perfluorododecanoate*	60872-01-7	0.01
116	Perfluorododecanoate*	171978-95-3	0.01
117	Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.01
118	Ammonium perfluorotridecanoate*	4288-72-6	0.01
119	Perfluorotridecanoate*	862374-87-6	0.01
120	Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.01
121	Perfluorotetradecanoate*	365971-87-5	0.01
122	Trifluoromethanesulfonic acid	1493-13-6	0.01
123	Barium trifluoromethanesulphonate*	2794-60-7	0.01

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	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
124	Methanesulfonic acid, trifluoro-, silver(1+) salt*	2923-28-6	0.01
125	Potassium trifluoromethanesulfonate*	2926-27-4	0.01
126	Sodium trifluoromethanesulfonate*	2926-30-9	0.01
127	1-Ethylpyridinium trifluoromethanesulfonate*	3878-80-6	0.01
128	Lithium trifluoromethanesulfonate*	33454-82-9	0.01
129	Neodymium(III) trifluoromethanesulfonate*	34622-08-7	0.01
130	Lanthanum trifluoromethanesulfonate--water (1/3/1)*	34629-21-5	0.01
131	Yttrium trifluoromethanesulfonate--water (1/3/1)*	34629-25-9	0.01
132	Tetraethylammonium trifluoromethanesulphonate*	35895-69-3	0.01
133	Trifluoromethanesulfonate*	37181-39-8	0.01
134	Ammonium trifluoromethanesulfonate*	38542-94-8	0.01
135	Copper(2+) trifluoromethanesulfonate--benzene (1/2/1)*	42152-46-5	0.01
136	Mercury(II) trifluoromethanesulfonate*	49540-00-3	0.01
137	Trifluoromethanesulfonic acid--water (1/1)*	49789-04-0	0.01
138	europium trifluoromethanesulfonate*	52093-25-1	0.01
139	Lanthanum tris(trifluoromethanesulfonate)*	52093-26-2	0.01
140	Praseodymium(III) trifluoromethanesulfonate*	52093-27-3	0.01
141	Samarium(III) trifluoromethanesulfonate*	52093-28-4	0.01
142	Yttrium(III) trifluoromethanesulfonate*	52093-30-8	0.01
143	Pyridinium trifluoromethanesulfonate*	52193-54-1	0.01
144	Zinc trifluoromethanesulphonate*	54010-75-2	0.01
145	Ytterbium(3+) tris(trifluoromethanesulfonate)*	54761-04-5	0.01
146	Methanesulfonic acid, trifluoro-, calcium salt*	55120-75-7	0.01
147	Magnesium trifluoromethanesulfonate*	60871-83-2	0.01
148	Nickel(II) Trifluoromethanesulfonate*	60871-84-3	0.01
149	Tin(II) trifluoromethanesulfonate*	62086-04-8	0.01
150	Iron(III) trifluoromethanesulfonate*	63295-48-7	0.01
151	2-Ethenyl-1-(prop-2-en-1-yl)thian-1-ium trifluoromethanesulfonate*	66120-38-5	0.01
152	Tributyltin trifluoromethanesulfonate*	68725-14-4	0.01
153	Thallium(I) Trifluoromethanesulfonate*	73491-36-8	0.01
154	Gallium tris(trifluoromethanesulfonate)*	74974-60-0	0.01
155	Cerium(III) Triflate*	76089-77-5	0.01
156	Morpholin-4-ium trifluoromethanesulfonate*	77534-70-4	0.01
157	Pentaammine(trifluoromethanesulfonato)osmium(II I) triflate*	83781-30-0	0.01
158	2-Chloro-1-methylpyridinium trifluoromethanesulphonate*	84030-18-2	0.01

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159	Bismuth(III) trifluoromethanesulfonate*	88189-03-1	0.01
160	1-Fluoropyridinium triflate*	107263-95-6	0.01
161	Cerium(IV) trifluoromethanesulfonate*	107792-63-2	0.01
162	1,3-Dimethyl-1H-imidazol-3-ium trifluoromethanesulfonate*	121091-30-3	0.01
163	Lutetium(III) trifluoromethanesulfonate*	126857-69-0	0.01
164	Indium(III) trifluoromethanesulfonate*	128008-30-0	0.01
165	Dysprosium(III) trifluoromethanesulfonate*	139177-62-1	0.01
166	Holmium tris(trifluoromethanesulfonate)*	139177-63-2	0.01
167	Erbium(III) trifluoromethanesulfonate*	139177-64-3	0.01
168	Thulium(III) trifluoromethanesulfonate*	141478-68-4	0.01
169	Scandium(III) triflate*	144026-79-9	0.01
170	1-Ethyl-3-methylimidazolium trifluoromethanesulfonate*	145022-44-2	0.01
171	Terbium(III) trifluoromethanesulfonate*	148980-31-8	0.01
172	1-Butyl-3-methylimidazolium trifluoromethanesulfonate*	174899-66-2	0.01
173	1-Ethyl-2,3-dimethylimidazolium trifluoromethanesulfonate*	174899-72-0	0.01
174	Cerium(4+) trifluoromethanesulfonate--water (1/4/1)*	206996-62-5	0.01
175	Ytterbium(3+) trifluoromethanesulfonate--water (1/3/1)*	252976-51-5	0.01
176	2-Ethenyl-1-methylpyridin-1-ium trifluoromethanesulfonate*	339530-78-8	0.01
177	1-Butyl-1-methylpyrrolidinium trifluoromethanesulfonate*	367522-96-1	0.01
178	1-Butylpyridinium trifluoromethanesulfonate*	390423-43-5	0.01
179	1,2,3-Trimethyl-1H-imidazol-3-ium trifluoromethanesulfonate*	439286-64-3	0.01
180	Cerium(3+) trifluoromethanesulfonate--water (1/3/1)*	698999-65-4	0.01
181	1-Ethyl-1-methylpyrrolidinium trifluoromethanesulfonate*	893443-18-0	0.01
182	2-Fluoro-1-methylpyridin-1-ium trifluoromethanesulfonate*	921754-29-2	0.01
183	1-Methyl-1-propylpyrrolidinium trifluoromethanesulfonate*	1224852-54-3	0.01
184	1-Butyl-1-methylpiperidinium trifluoromethanesulfonate*	1357500-93-6	0.01
185	1-Butyl-2-methylpyridinium trifluoromethanesulfonate*	1770850-20-8	0.01
186	Perfluorobutanesulfonic acid (L-PFBS)	375-73-5	0.01

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187	Perfluorobutansulfonyl fluoride*	375-72-4	0.01
188	1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl chloride*	2991-84-6	0.01
189	N,N,N,-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate(PFBS-N(C ₂ H ₅) ₃)*	25628-08-4	0.01
190	Tetramethylammonium perfluorobutane sulfonate*	25628-17-5	0.01
191	Perfluorobutanesulfonate K-salt (PFBS-K)*	29420-49-3	0.01
192	Perfluorobutanesulfonic Anhydride*	36913-91-4	0.01
193	Perfluorobutanesulfonate*	45187-15-3	0.01
194	N,N,N-Tripropylpentan-1-aminium nonafluorobutane-1-sulfonate*	56773-55-8	0.01
195	Nonafluorobutanesulfonic Acid Hydrate (PFBS-H ₂ O)*	59933-66-3	0.01
196	1-Butanesulfonic acid,1,1,2,2,3,3,4,4,4-nonafluoro-,sodium salt (1:1)*	60453-92-1	0.01
197	Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1- sulphonate*	68259-10-9	0.01
198	Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate*	70225-18-2	0.01
199	Tetrabutylammonium perfluoro-1-butanesulfonate*	108427-52-7	0.01
200	N,N-Dibutyl-N-methylbutan-1-aminium nonafluorobutane-1-sulfonate*	124472-66-8	0.01
201	lithium perfluorobutanesulfonate*	131651-65-5	0.01
202	Triphenylsulfanium perfluorobutane sulfonate*	144317-44-2	0.01
203	Triethylammonium perfluorobutane sulfonate*	182059-38-7	0.01
204	Diphenyliodonium nonafluorobutane-1-sulfonate*	194999-82-1	0.01
205	bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate*	194999-85-4	0.01
206	1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate*	209482-18-8	0.01
207	dimethyl(phenyl)sulfanium perfluorobutanesulfonate*	220133-51-7	0.01
208	tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate*	220689-12-3	0.01
209	Tris(4-tert-butylphenyl)sulfonium perfluorobutanesulfonate*	241806-75-7	0.01
210	N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanesulfonate (1:1)*	334529-55-4	0.01
211	1-Hexadecylpyridinium perfluoro-1-butanesulfonate*	334529-62-3	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
212	1-Butylpyridinium perfluoro-1-butanefluorobutane-1-sulfonate*	334529-64-5	0.01
213	N,N-Dimethyl-N-(propan-2-yl)propan-2-aminium nonafluorobutane-1-sulfonate*	374571-81-0	0.01
214	(4-Cyclohexylphenyl)(diphenyl)sulfanium nonafluorobutane-1-sulfonate*	425670-64-0	0.01
215	N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanefluorobutane-1-sulfonate*	495417-51-1	0.01
216	Zinc bis(nonafluoro-1-butanefluorobutane-1-sulfonate)*	502457-69-4	0.01
217	morpholinium perfluorobutanefluorobutane-1-sulfonate*	503155-89-3	0.01
218	magnesium perfluorobutanefluorobutane-1-sulfonate*	507453-86-3	0.01
219	Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanefluorobutane-1-sulfonic acid (1:1)*	722538-68-3	0.01
220	[4-(2-tert-Butoxy-2-oxoethoxy)phenyl](diphenyl)sulfanium nonafluorobutane-1-sulfonate*	857285-80-4	0.01
221	1-(1-Methyl-1H-indol-3-yl)thiolan-1-ium nonafluorobutane-1-sulfonate*	867373-18-0	0.01
222	1-Methyl-3-octyl-1H-imidazolium perfluorobutanefluorobutane-1-sulfonate*	905972-83-0	0.01
223	3-Hexyl-1-methyl-1H-imidazolium perfluorobutanefluorobutane-1-sulfonate*	1001557-05-6	0.01
224	1-Ethyl-3-methylpyridin-1-ium nonafluorobutane-1-sulfonate*	1015420-87-7	0.01
225	Perfluorohexanesulfonic acid (L-PFHxS)	355-46-4	0.01
226	Perfluorohexane sulphonyl fluoride*	423-50-7	0.01
227	Perfluorohexylsulfonyl chloride*	55591-23-6	0.01
228	Perfluorohexanesulfonate K-salt (PFHxS-K) *	3871-99-6	0.01
229	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)*	41184-65-0	0.01
230	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)*	41242-12-0	0.01
231	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)*	55120-77-9	0.01
232	ammonium perfluorohexane-1-sulphonate*	68259-08-5	0.01
233	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt*	70136-72-0	0.01
234	tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)*	70225-16-0	0.01
235	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)*	72033-41-1	0.01
236	Perfluorohexanesulfonate NA-salt (PFHxS-Na) *	82382-12-5	0.01
237	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)*	92011-17-1	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
238	Perfluorohexylsulfonate*	108427-53-8	0.01
239	N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate *	108427-54-9	0.01
240	N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate*	108427-55-0	0.01
241	Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) *	144116-10-9	0.01
242	Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)*	153443-35-7	0.01
243	Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)*	189274-31-5	0.01
244	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2- propanamine*	202189-84-2	0.01
245	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)*	213740-81-9	0.01
246	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt*	341035-71-0	0.01
247	Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)*	341548-85-4	0.01
248	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)*	350836-93-0	0.01
249	Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)*	421555-73-9	0.01
250	Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic*	421555-74-0	0.01
251	Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)*	425670-70-8	0.01
252	Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)*	866621-50-3	0.01
253	Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) *	910606-39-2	0.01
254	Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)*	911027-68-4	0.01
255	Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate*	911027-69-5	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	Substances	CAS No.	Detection Limit (mg/kg)
256	Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)*	928049-42-7	0.01
257	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) *	1000597-52-3	0.01
258	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1) *	1187817-57-7	0.01
259	Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthaleny]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)*	1310480-24-0	0.01
260	Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthaleny]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)*	1310480-27-3	0.01
261	Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthaleny]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)*	1310480-28-4	0.01
262	Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)*	1329995-45-0	0.01
263	Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)*	1329995-69-8	0.01
264	Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)*	1462414-59-0	0.01
265	Tetrabutylphosphonium perfluorohexane sulfonate*	2310194-12-6	0.01
266	Perfluoroheptanesulfonic acid (L-PFHpS)	375-92-8	0.01
267	Perfluoroheptanesulfonyl Fluoride*	335-71-7	0.01
268	Perfluoroheptanesulfonate Na-salt (PFHpS-Na)*	21934-50-9	0.01
269	Potassium Perfluoroheptanesulfonate (PFHpS-K)*	60270-55-5	0.01
270	Ammonium perfluoroheptanesulfonate*	68259-07-4	0.01
271	Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	70225-15-9	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
272	Triethylammonium perfluoroheptane sulfonate*	72033-40-0	0.01
273	Lithium perfluoroheptanesulfonate*	117806-54-9	0.01
274	Perfluoroheptanesulfonate*	146689-46-5	0.01
275	Tetraethylammonium perfluoroheptane sulfonate*	439863-97-5	0.01
276	Perfluorooctanesulfonic acid (L-PFOS)	1763-23-1	0.01
277	Perfluorooctane Sulfonyl fluoride (POSF) *	307-35-7	0.01
278	Heptadecafluoro-1-Octanesulfonyl Chloride*	423-60-9	0.01
279	Potassium Perfluorooctanesulfonate (PFOS-K) *	2795-39-3	0.01
280	Sodium Perfluorooctanesulfonate (PFOS-Na)*	4021-47-0	0.01
281	Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH ₄)*	29081-56-9	0.01
282	Perfluorooctanesulfonic acid, lithium salt (PFOS-Li) *	29457-72-5	0.01
283	Perfluorooctanesulfonate*	45298-90-6	0.01
284	Triethylammonium perfluorooctane sulfonate*	54439-46-2	0.01
285	Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C ₂ H ₅) ₄)*	56773-42-3	0.01
286	Tetramethylammonium perfluorooctane sulfonate*	56773-44-5	0.01
287	N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate*	56773-56-9	0.01
288	Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(C ₂ H ₄ OH) ₂) *	70225-14-8	0.01
289	Piperidinium perfluorooctanesulfonate*	71463-74-6	0.01
290	Magnesium bis(heptadecafluorooctanesulphonate) (PFOS-Mg)*	91036-71-4	0.01
291	Tetrabutylammonium perfluorooctanesulfonate*	111873-33-7	0.01
292	N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate*	124472-68-0	0.01
293	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1)*	213740-80-8	0.01
294	N-decyl-N,N-dimethyldecyl-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate (PFOS-DDA) *	251099-16-8	0.01
295	Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate*	258341-99-0	0.01
296	1-Hexadecylpyridinium perfluoro-1-octanesulfonate*	334529-63-4	0.01
297	N,N,N-Triethyldecyl-1-aminium heptadecafluorooctane-1-sulfonate*	773895-92-4	0.01
298	Tetrabutylphosphonium perfluorooctane sulfonate*	2185049-59-4	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
299	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, cesium salt*	92011-18-2	0.01
300	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, cobalt salt*	89560-91-8	0.01
301	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, compd. with graphite*	114174-50-4	0.01
302	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, iron salt*	89560-92-9	0.01
303	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, iron(3+) salt*	114519-83-4	0.01
304	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, nickel salt*	89560-90-7	0.01
305	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, zinc salt*	91036-72-5	0.01
306	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, zirconium(4+) salt*	101360-77-4	0.01
307	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, barium salt (2:1)*	4021-48-1	0.01
308	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroion(1) ,tris(triphenylphosphine)rhodium(1+)*	88825-77-8	0.01
309	1-Octanesulfonic acid 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepadecafluoro-, compd. with 1-octadecamine (1:1)*	127771-41-9	0.01
310	1-Octanesulfonic acid 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepadecafluoro-, compd. with 1-octanamine (1:1)*	127771-43-1	0.01
311	1-Octanesulfonic acid 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepadecafluoro-, compd. with 1-teracosanamine (1:1)*	127771-42-0	0.01
312	1-Octanesulfonic acid 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepadecafluoro-, compd. with benzenamine (1:1)*	127771-48-6	0.01
313	1-Octanesulfonic acid 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepadecafluoro-, compd. with cyclohexanamine (1:1)*	127771-47-5	0.01
314	1-Octanesulfonic acid 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepadecafluoro-, compd. with N,N-dimethyl-1-octadecanamine (1:1)*	127771-45-3	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	Substances	CAS No.	Detection Limit (mg/kg)
315	1-Octanesulfonic acid 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro- compd. with N-methyl-1-octadecanamine (1:1)*	127771-44-2	0.01
316	Perfluorodecanesulfonic acid (L-PFDS)	335-77-3	0.01
317	Perfluorodecanesulphonyl Fluoride*	307-51-7	0.01
318	Perfluorodecanesulfonate Na-salt (PFDS-Na) *	2806-15-7	0.01
319	Perfluorodecanesulfonate K-salt (PFDS-K) *	2806-16-8	0.01
320	Perfluorodecane sulfonic anhydride (PFDSA)*	51667-62-0	0.01
321	Perfluoroaliphatic Dean-sulfonate salt of NH ₄ (PFDS-NH ₄)*	67906-42-7	0.01
322	Perfluorodecanesulfonate*	126105-34-8	0.01
323	Perfluorooctanesulfonamide (PFOSA)	754-91-6	0.01
324	Perfluorooctanesulfonamide potassium salt (1:1)*	76752-70-0	0.01
325	Perfluorooctanesulfonamide ammonium salt (1:1)*	76752-72-2	0.01
326	Perfluorooctanesulfonamide sodium salt (1:1)*	76752-78-8	0.01
327	Perfluorooctanesulfonamide lithium salt (1:1)*	76752-79-9	0.01
328	Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	76752-82-4	0.01
329	N-Methyl-Perfluorooctanesulfonamide (N-Me- FOSA)	31506-32-8	0.01
330	N-Ethyl-Perfluorooctanesulfonamide (N-Et-FOSA)	4151-50-2	0.01
331	N-Methyl-Perfluorooctanesulfonamidoethanol(N- Me- FOSE alcohol)	24448-09-7	0.01
332	N-Ethyl-Perfluorooctanesulfonamidoethanol (N-Et- FOSE alcohol)	1691-99-2	0.01
333	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	0.01
334	3,3,4,4,5,5,6,6,7,7,8,8,8- Tridecafluorooctanesulphonyl chloride*	27619-89-2	0.01
335	6:2 Fluorotelomer sulfonate sodium salt*	27619-94-9	0.01
336	6:2 Fluorotelomer sulfonate potassium salt*	59587-38-1	0.01
337	6:2 Fluorotelomer sulfonate ammonium salt*	59587-39-2	0.01
338	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctane-1- sulfonate*	425670-75-3	0.01
339	6:2 Fluorotelomer sulfonate barium salt*	1807944-82-6	0.01
340	2H,2H,3H,3H-Perfluoroundecanoic acid (4HPFUnA)	34598-33-9	0.01
341	Lithium 3-(perfluorooctyl)propanoate*	67304-23-8	0.01
342	Potassium 2H,2H,3H,3H-Perfluoroundecanoate*	83310-58-1	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
343	Perfluoro-3-7-dimethyl octane carboxylate (PF-3,7- DMOA)	172155-07-6	0.01
344	7H-Dodecafluoro heptane carboxylate (HPFHpA)	1546-95-8	0.01
345	Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate*	376-34-1	0.01
346	Sodium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate*	2264-25-7	0.01
347	7H-Perfluoroheptanoyl Fluoride*	5927-65-1	0.01
348	7H-Perfluoroheptanoyl Chloride*	41405-35-0	0.01
349	7-H-Perfluoroheptanoate*	69681-35-2	0.01
350	7H-Perfluoroheptanoyl Iodide*	137741-05-0	0.01
351	7H-Perfluoroheptanoyl Bromide*	141893-84-7	0.01
352	2H,2H-Perfluoro decane carboxylate (H2PFDA)	27854-31-5	0.01
353	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate*	882489-14-7	0.01
354	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	0.01
355	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecanesulphonyl chloride*	27619-90-5	0.01
356	8:2 Fluorotelomer sulfonate sodium salt*	27619-96-1	0.01
357	8:2 Fluorotelomer sulfonate ammonium salt*	149724-40-3	0.01
358	Potassium 2-(perfluorooctyl)ethane-1-sulfonate*	438237-73-1	0.01
359	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecane-1-sulfonate*	481071-78-7	0.01
360	1H,1H,2H,2H-Perfluorododecanesulfonic acid (10:2 FTS)	120226-60-0	0.01
361	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Henicosafuorododecane-1-sulphonyl chloride*	27619-91-6	0.01
362	Sodium 1H,1H,2H,2H-perfluorododecanesulfonate (10:2)*	108026-35-3	0.01
363	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2 FTS)	757124-72-4	0.01
364	4:2 Fluorotelomer sulfonate sodium*	27619-93-8	0.01
365	3,3,4,4,5,5,6,6,6-Nonafluorohexane-1-sulphonyl chloride*	65702-23-0	0.01
366	4:2 Fluorotelomer sulfonate*	414911-30-1	0.01
367	N-(Perfluoro-1-octanesulfonyl) Glycine	2806-24-8	0.01
368	N-[(Perfluorooctyl)Sulfonyl]Glycine Sodium Salt (1:1)*	115716-87-5	0.01
369	N-[(Perfluorooctyl)Sulfonyl]Glycinate*	909405-47-6	0.01
370	N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K)*	75260-69-4	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
371	N-Methylperfluoro-1-octanesulfonamidoacetic Acid	2355-31-9	0.01
372	Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate*	70281-93-5	0.01
373	Cyclo-hexachloro(N-methyl-(N-(perfluorooctylsulphonyl)glycinato-O1:O1'))dihydroxytrichromium*	97298-47-0	0.01
374	2-(N-Methylperfluorooctanesulfonamido)acetate*	909405-48-7	0.01
375	N-Ethyl-N-(perfluoro-1-octanesulfonyl) Glycine	2991-50-6	0.01
376	Potassium N-ethyl-N-((heptadecafluorooctyl)sulphonyl)glycinate*	2991-51-7	0.01
377	Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate*	2991-52-8	0.01
378	Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate*	3871-50-9	0.01
379	Diaquatetrachloro[μ -[N-ethyl-N-[(perfluorooctyl)sulfonyl]glycinato-O1:O1']]- μ -hydroxybis[2-methylpropanol]dichromium*	68891-96-3	0.01
380	2-(N-Ethyl-perfluorooctanesulfonamido)acetate*	909405-49-8	0.01
381	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid	13252-13-6	0.01
382	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride*	2062-98-8	0.01
383	Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propanoate (HFPO-DA-NH ₄)*	62037-80-3	0.01
384	potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate*	67118-55-2	0.01
385	Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67963-75-1	0.01
386	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-*	75579-39-4	0.01
387	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-*	75579-40-7	0.01
388	Perfluoro(2-propoxypropanoate)*	122499-17-6	0.01
389	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid--N-propylpropan-1-amine (1/1)*	165951-17-7	0.01
390	Triethylaminium perfluoro-2-propoxypropanoate*	165951-18-8	0.01
391	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	298703-31-8	0.01
392	Benzoic acid, 2,3,6-triiodo-, (1-methyl-3-piperidiny)methyl ester, compd. with 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoro propoxy)propanoate (1:1) (HFPO- C ₁₄ H ₁₆ I ₃ NO ₂)*	2412106-69-3	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	Substances	CAS No.	Detection Limit (mg/kg)
393	bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10 heptadecafluorodecyl) phosphate (8:2diPAP)	678-41-1	0.01
394	Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate*	57677-97-1	0.01
395	Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt*	93776-20-6	0.01
396	Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate*	114519-85-6	0.01
397	8:2 Fluorotelomer phosphate diester ion (1-)*	1411713-91-1	0.01
398	Perfluoroheptane-1-sulfinic acid	769067-51-8	0.01
399	Perfluoroheptanesulfinate Na-salt*	68555-66-8	0.01
400	Perfluorooctadecanoic Acid (PFODA)	16517-11-6	0.01
401	Perfluorooctadecanoate anion*	798556-82-8	0.01
402	Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	0.01
403	Hentriacontafluorohexadecanoate anion*	1214264-30-8	0.01
404	Perfluorononanesulfonic acid (PFNS)	68259-12-1	0.01
405	Ammonium nonadecafluorononanesulphonate*	17202-41-4	0.01
406	Perfluorononanesulfonate potassium*	29359-39-5	0.01
407	Nonadecafluorononanesulfonyl Fluoride*	68259-06-3	0.01
408	Sodium perfluoro-1-nonanesulfonate*	98789-57-2	0.01
409	Perfluorononanesulfonate*	474511-07-4	0.01
410	Perfluorododecanesulfonic acid (PFDoDS)	79780-39-5	0.01
411	Potassium perfluorododecanesulfonate*	85187-17-3	0.01
412	Perfluorododecanesulfonate*	343629-43-6	0.01
413	Sodium perfluoro-1-dodecanesulfonate*	1260224-54-1	0.01
414	3-Perfluoropentyl propanoic acid (5:3 FTCA)	914637-49-3	0.01
415	2H,2H,3H,3H-Perfluorooctanoate*	1799325-94-2	0.01
416	Mono[2-(perfluorohexyl)ethyl] phosphate	57678-01-0	0.01
417	Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate*	2353-52-8	0.01
418	2-(Perfluorohexyl)ethanol dihydrogen phosphate bis(2-hydroxyethyl)amine*	57678-02-1	0.01
419	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt*	92401-44-0	0.01
420	Sodium 1H,1H,2H,2H-perfluorooctylphosphate*	144965-22-0	0.01
421	Monopotassium monoperfluorohexyl ethylphosphate*	150033-28-6	0.01
422	Diammonium 6:2 fluorotelomer phosphate monoester*	1000852-37-8	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
423	Bis[2-(perfluorohexyl)ethyl]phosphate	57677-95-9	0.01
424	Ammonium bis[2-(perfluorohexyl)ethyl] phosphate*	1764-95-0	0.01
425	Sodium bis[2-(perfluorohexyl)ethyl] phosphate*	407582-79-0	0.01
426	Bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphate ion(1-)*	667465-18-1	0.01
427	Perfluorooctylphosphonic acid	40143-78-0	0.01
428	(Heptadecafluorooctyl)phosphonic acid--4-methylaniline (1/1)*	1263361-03-0	0.01
429	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	919005-14-4	0.01
430	Ammonium 4,8-dioxa-3H-perfluorononanoate*	958445-44-8	0.01
431	Potassium 2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate*	1087271-46-2	0.01
432	2,2,3-Trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate*	2127366-90-7	0.01
433	Sodium 4,8-dioxa-3H-perfluorononanoate*	2250081-67-3	0.01
434	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	0.01
435	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate*	73606-19-6	0.01
436	Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfonate*	1383434-28-3	0.01
437	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	0.01
438	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate*	83329-89-9	0.01
439	2H,2H-Perfluorooctanoic acid (6:2 FTCA)	53826-12-3	0.01
440	2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	0.01
441	2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	0.01
442	Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	0.01
443	Potassium perfluoropentanesulfonate*	3872-25-1	0.01
444	Ammonium perfluoropentanesulfonate*	68259-09-6	0.01
445	Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	70225-17-1	0.01
446	Triethylammonium perfluoropentane sulfonate*	72033-42-2	0.01
447	Perfluoropentane sulfonic anhydride*	161877-72-1	0.01
448	Perfluoropentanesulfonate*	175905-36-9	0.01
449	Sodium perfluoropentanesulfonate*	630402-22-1	0.01
450	Lithium perfluoropentane sulfonate*	1046864-81-6	0.01
451	Perfluoropentadecanoic acid (PFPeDA)	141074-63-7	0.01
452	Nonacosafuoropentadecanoate*	1214264-29-5	0.01

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Test Report

Report Number: JKTH25000420

Test Conducted:

	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
453	Perfluoro-1-tridecanesulfonic acid (PFTrDS)	791563-89-8	0.01
454	Sodium Perfluorotridecanesulfonate*	174675-49-1	0.01
455	Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	0.01
456	N-Ethyl-Perfluorohexanesulfamoylethanol (N-Et-FHxSE)	34455-03-3	0.01
457	N-Methyl-Perfluorohexanesulfamide (N-Me-FHxSA)	68259-15-4	0.01
458	N-Methyl-Perfluorohexanesulfamoylethanol (N-Me-FHxSE)	68555-75-9	0.01
459	Perfluoroundecane sulfonic acid(PFUnDS)	749786-16-1	0.01
460	Perfluoro-3-methoxypropanoic acid(PFMPA)	377-73-1	0.01
461	Perfluoro-4-methoxybutanoic acid(PFMBA)	863090-89-5	0.01
462	Nonafluoro-3,6-dioxahexanoic acid(NFDHA)	151772-58-6	0.01
463	Perfluoro(2-ethoxyethane)sulfonic acid(PFEESA)	113507-82-7	0.01
464	3-Perfluoroheptyl propanoic acid(7:3 FTCA)	812-70-4	0.01
465	10:2 Fluortelomerphosphatemonoester (10:2 monoPAP)	57678-05-4	0.1
466	10:2 Fluortelomer diammonium dihydrogen phosphate*	93857-45-5	0.1
467	10:2 Fluortelomerphosphatediester (10:2 diPAP)	1895-26-7	0.1
468	Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol*	57677-98-2	0.1
469	Ammonium bis((perfluorodecyl)ethyl) phosphate*	93776-21-7	0.1
470	Pentafluoropropionic acid (PFPrA)	422-64-0	0.1
471	Potassium perfluoropropanoate*	378-76-7	0.1
472	Sodium perfluoropropanoate*	378-77-8	0.1
473	Silver pentafluoropropionate*	509-09-1	0.1
474	Ammonium pentafluoropropionate*	2730-58-7	0.1
475	Pentafluoropropanoic acid--1-phenylpiperazine (1/1)*	893-87-8	0.1
476	Pentafluoropropanoic acid--piperazine (1/1)*	1690-94-4	0.1
477	Perfluoropropanoate*	44864-55-3	0.1
478	Imidazole perfluoropropionic acid salt*	200705-90-4	0.1
479	Mono[2-(perfluorooctyl)ethyl]phosphate (8:2 MonoPAP)	57678-03-2	0.1
480	8:2 Fluortelomer diammonium phosphate*	93857-44-4	0.1
481	Sodium 1H,1H,2H,2H-perfluorodecylphosphate*	130771-95-8	0.1
482	Disodium 1H,1H,2H,2H-perfluorodecylphosphate*	438237-75-3	0.1
483	1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	0.1
484	1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)	27905-45-9	0.1

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Test Conducted:

	<u>Substances</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
485	1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	0.1
486	1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	0.1
487	1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	0.1
488	1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	0.1
489	1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	0.1
490	1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	0.1
491	1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	0.1
492	Methyl perfluorooctanoate (Me-PFOA)	376-27-2	0.1
493	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	0.1
494	1-Iodoperfluorooctane (PFOI)	507-63-1	0.1
495	1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	0.1
496	1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4	0.1
497	1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide	34454-97-2	0.1
498	1H,1H,2H,2H-Perfluorohexyl methacrylate (4:2 FTMA)	1799-84-4	0.1
499	1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	0.1
500	1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1	0.1
501	1H,1H,2H,2H-Perfluorotetradecanol (12:2 FTOH)	39239-77-5	0.1
502	1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	0.1
503	Perfluorodecyl iodide (PFDI)	423-62-1	0.1
504	Perfluorododecyl iodide (PFDoDI)	307-60-8	0.1
505	1H,1H-Pentadecafluorooctylacrylate (7:1 FTA)	307-98-2	0.1
506	1H,1H-Perfluoro-1-octanol (7:1 FTOH)	307-30-2	0.1
507	1H,1H-Perfluorooctylamine	307-29-9	0.1
508	1H,1H,2H-Perfluoro-1-decene (8:2 FTO)	21652-58-4	0.1
509	3-Perfluoropropyl propanoic acid(3:3 FTCA)	356-02-5	0.1

* = The test result is based on the corresponding PFAS anions.

Tested component(s):

(1) FOOPAK BIO NATURA

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Test Report

Report Number: JKTH25000420

END OF THE TEST REPORT

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