

# TEST REPORT

APPLICANT : Moorim P&P  
ADDRESS : 3-36, Ubonggangyang-ro, Onsan-eup, Ulju-gun,  
Ulsan, Korea

PAGE: 1 of 28

REPORT NO. RT26R-S0480-001-E12

DATE: Jan. 26, 2026

SAMPLE DESCRIPTION : The following submitted sample(s) said to be:-

NAME/TYPE OF PRODUCT : Coated paper  
SAMPLE ID NO. : RT26R-S0480-001  
MANUFACTURER/VENDOR : Moorim P&P

SAMPLE RECEIVED : Jan. 16, 2026  
TESTING DATE : Jan. 16, 2026 ~ Jan. 26, 2026

TEST METHOD(S) : Please see the following page(s).  
TEST RESULT(S) : Please see the following page(s).

\* Note 1 : The test results presented in this report refer only to the object tested.

\* Note 2 : This report shall not be reproduced except in full without the written approval of the testing laboratory.

Approved by,



Nikkie Lee / Lab. Technical Manager

Authorized by,



Jade Jang / Lab. General Manager



Authenticity check



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DATE: Jan. 26, 2026

REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
1	Perfluorooctane sulphonic acid (PFOS)	1763-23-1	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
2	Perfluorooctanesulfonate*	45298-90-6	mg/kg		0.025	N.D.
3	Triethylammonium perfluorooctane sulfonate*	54439-46-2	mg/kg		0.025	N.D.
4	Tetramethylammonium perfluorooctane sulfonate*	56773-44-5	mg/kg		0.025	N.D.
5	N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate*	56773-56-9	mg/kg		0.025	N.D.
6	N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate*	124472-68-0	mg/kg		0.025	N.D.
7	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1)*	213740-80-8	mg/kg		0.025	N.D.
8	Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate*	258341-99-0	mg/kg		0.025	N.D.
9	1-Hexadecylpyridinium perfluoro-1-octanesulfonate*	334529-63-4	mg/kg		0.025	N.D.
10	N,N,N-Triethyldecan-1-aminium heptadecafluorooctane-1-sulfonate*	773895-92-4	mg/kg		0.025	N.D.
11	Tetrabutylphosphonium perfluorooctane sulfonate*	2185049-59-4	mg/kg		0.025	N.D.
12	Tetrabutylammonium perfluorooctanesulfonate*	111873-33-7	mg/kg		0.025	N.D.
13	Perfluoro-1-octanesulfonyl fluoride (PFOSF)*	307-35-7	mg/kg		0.025	N.D.
14	Didecyl dimethyl ammonium perfluorooctane sulfonate (PFOS-N(C <sub>10</sub> H <sub>21</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )*	251099-16-8	mg/kg		0.025	N.D.
15	Potassium Perfluorooctanesulfonate (PFOS-K)*	2795-39-3	mg/kg		0.025	N.D.
16	Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH <sub>4</sub> )*	29081-56-9	mg/kg		0.025	N.D.



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
17	Perfluorooctane sulfonate diethanolamine salt (PFOS-NH <sub>2</sub> (C <sub>2</sub> H <sub>4</sub> OH) <sub>2</sub> )*	70225-14-8	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
18	Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)*	29457-72-5	mg/kg		0.025	N.D.
19	Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )*	56773-42-3	mg/kg		0.025	N.D.
20	Sodium Perfluorooctanesulfonate (PFOS-Na)*	4021-47-0	mg/kg		0.025	N.D.
21	Magnesium bis (perfluorooctane -1-sulfonate) (PFOS-Mg)*	91036-71-4	mg/kg		0.025	N.D.
22	Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate	71463-74-6	mg/kg		0.025	N.D.
23	Perfluorooctane sulfonic anhydride (PFOSAN)*	423-92-7	mg/kg		0.025	N.D.
24	Heptadecafluoro-1-Octanesulfonyl Chloride*	423-60-9	mg/kg		0.025	N.D.
25	Heptadecafluorooctane-1-sulfonate (PFOS-C <sub>15</sub> H <sub>3</sub> ONO <sub>2</sub> )*	1203998-97-3	mg/kg		0.025	N.D.
26	Perfluorooctanesulfonic acid diethylamine salt (PFOS-C <sub>4</sub> H <sub>11</sub> N)*	2205029-08-7	mg/kg		0.025	N.D.
27	Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg		0.025	N.D.
28	N,N,N-Triethylethanaminium perfluorooctanoate*	98241-25-9	mg/kg		0.025	N.D.
29	Perfluorooctanoyl Chloride*	335-64-8	mg/kg		0.025	N.D.
30	Cobalt perfluorooctanoate*	35965-01-6	mg/kg		0.025	N.D.
31	Perfluorooctanoate N,N,N-Trimethylmethanaminium*	32609-65-7	mg/kg		0.025	N.D.
32	Tetrapropylammonium perfluorooctanoate*	277749-00-5	mg/kg		0.025	N.D.
33	Perfluorooctanoyl fluoride (PFOA-F)*	335-66-0	mg/kg	0.025	N.D.	
34	Ammonium pentadecafluorooctanoate (APFO)*	3825-26-1	mg/kg	0.025	N.D.	



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
35	Pentadecafluorooctanoic acid-piperazine (2/1)*	423-52-9	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
36	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium(3+)*	68141-02-6	mg/kg		0.025	N.D.
37	Perfluorooctanoic acid sodium salt (PFOA-Na)*	335-95-5	mg/kg		0.025	N.D.
38	Perfluorooctanoic acid potassium salt (PFOA-K)*	2395-00-8	mg/kg		0.025	N.D.
39	Silver perfluorooctanoate (PFOA-Ag)*	335-93-3	mg/kg		0.025	N.D.
40	Lithium perfluorooctanoate (PFOA-Li)*	17125-58-5	mg/kg		0.025	N.D.
41	Cesium perfluorooctanoate (PFOA-Cs)*	17125-60-9	mg/kg		0.025	N.D.
42	Perfluorooctanoic anhydride*	33496-48-9	mg/kg		0.025	N.D.
43	Pentadecafluorooctanoate (anion)*	45285-51-6	mg/kg		0.025	N.D.
44	Potassium pentadecafluorooctanoate--water (1/1/2) (PFOA-K(H <sub>2</sub> O) <sub>2</sub> )*	98065-31-7	mg/kg		0.025	N.D.
45	Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C <sub>2</sub> H <sub>7</sub> N)*	1376936-03-6	mg/kg		0.025	N.D.
46	Pentadecafluorooctanoic acid-pyridine (1/1) (PFOA-C <sub>5</sub> H <sub>5</sub> N)*	95658-47-2	mg/kg		0.025	N.D.
47	Pentadecafluorooctanoic acid-1-phenylpiperazine(1:1) (PFOA-C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> )*	1514-68-7	mg/kg		0.025	N.D.
48	N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate*	927835-01-6	mg/kg		0.025	N.D.
49	Perfluorobutanoic acid (PFBA)	375-22-4	mg/kg		0.025	N.D.
50	Sodium perfluorobutanoate (PFBA-Na)*	2218-54-4	mg/kg		0.025	N.D.
51	Potassium heptafluorobutanoate (PFBA-K)*	2966-54-3	mg/kg		0.025	N.D.
52	Ammonium perfluorobutanoate (PFBA-NH <sub>4</sub> )*	10495-86-0	mg/kg		0.025	N.D.



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
53	Silver perfluorobutanoate (PFBA-Ag)*	3794-64-7	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
54	Lithium perfluorobutanoate (PFBA-Li)*	4146-76-3	mg/kg		0.025	N.D.
55	Butanoic acid, heptafluoro-, compd. with piperazine (2:1) (9CI)*	375-04-2	mg/kg		0.025	N.D.
56	Perfluorobutanoate (anion)*	45048-62-2	mg/kg		0.025	N.D.
57	Perfluoropentanoic acid (PFPeA)	2706-90-3	mg/kg		0.025	N.D.
58	Sodium perfluoropentanoate (PFPeA-Na)*	2706-89-0	mg/kg		0.025	N.D.
59	Potassium perfluoropentanoate (PFPeA-K)*	336-23-2	mg/kg		0.025	N.D.
60	Ammonium perfluoropentanoate (PFPeA-NH <sub>4</sub> )*	68259-11-0	mg/kg		0.025	N.D.
61	Lithium perfluoropentanoate (PFPeA-Li)*	198482-22-3	mg/kg		0.025	N.D.
62	Silver perfluoropentanoate (PFPeA-Ag)*	2795-30-4	mg/kg		0.025	N.D.
63	Perfluoropentanoate (anion)*	45167-47-3	mg/kg		0.025	N.D.
64	Nonfluoropentanoic anhydride (PFPeAA)*	308-28-1	mg/kg		0.025	N.D.
65	Pentanoic acid, 2,2,3,3,4,4,5,5,5-nonafluoro-, compd. with phenylmethyl carbamimidothioate (1:1) (PFPeA-C <sub>8</sub> H <sub>10</sub> N <sub>2</sub> S)*	64808-55-5	mg/kg		0.025	N.D.
66	Perfluorohexanoic acid (PFHxA)	307-24-4	mg/kg		0.025	N.D.
67	Ammonium perfluorohexanoate (PFHxA-NH <sub>4</sub> )*	21615-47-4	mg/kg	0.025	N.D.	



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
68	Sodium perfluorohexanoate (PFHxA-Na)*	2923-26-4	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
69	Potassium perfluorohexanoate (PFHxA-K)*	3109-94-2	mg/kg		0.025	N.D.
70	Perfluorohexanoyl fluoride (PFHxA-F)*	355-38-4	mg/kg		0.025	N.D.
71	Silver perfluorohexanoate (PFHxA-Ag)*	336-02-7	mg/kg		0.025	N.D.
72	Lithium perfluorohexanoate (PFHxA-Li)*	90430-61-8	mg/kg		0.025	N.D.
73	Perfluorohexanoate (anion)*	92612-52-7	mg/kg		0.025	N.D.
74	Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8Cl,9Cl)*	423-47-2	mg/kg		0.025	N.D.
75	Perfluorohexanoic anhydride*	308-13-4	mg/kg		0.025	N.D.
76	Perfluorohexanoyl chloride (PFHxA-Cl)*	335-53-5	mg/kg		0.025	N.D.
77	Undecafluorohexanoic acid - 1-phenylpiperazine (1:1) (PFHxA-C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> )*	985-60-4	mg/kg		0.025	N.D.
78	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-undecafluoro-, compd. with 1-hexanamine (1:1) (PFHxA-C <sub>6</sub> H <sub>15</sub> N)*	565225-91-4	mg/kg		0.025	N.D.
79	Perfluoroheptanoic acid (PFHpA)	375-85-9	mg/kg		0.025	N.D.
80	Sodium perfluoroheptanoate (PFHpA-Na)*	20109-59-5	mg/kg		0.025	N.D.
81	Potassium perfluoroheptanoate (PFHpA-K)*	21049-36-5	mg/kg		0.025	N.D.
82	Ammonium perfluoroheptanoate (PFHpA-NH <sub>4</sub> )*	6130-43-4	mg/kg	0.025	N.D.	



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
83	Caesium perfluoroheptanoate (PFHpA-Cs)*	171198-24-6	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
84	Silver perfluoroheptanoate (PFHpA-Ag)*	424-05-5	mg/kg		0.025	N.D.
85	Lithium perfluoroheptanoate (PFHpA-Li)*	60871-90-1	mg/kg		0.025	N.D.
86	Perfluoroheptanoate (anion)*	120885-29-2	mg/kg		0.025	N.D.
87	Perfluorononanoic acid (PFNA)	375-95-1	mg/kg		0.025	N.D.
88	Methanaminium perfluorononanoate*	77032-23-6	mg/kg		0.025	N.D.
89	Potassium perfluorononanoate (PFNA-K)*	21049-38-7	mg/kg		0.025	N.D.
90	Lithium perfluorononanoate (PFNA-Li)*	60871-92-3	mg/kg		0.025	N.D.
91	Perfluorononanoate Na-Salt (PFNA-Na)*	21049-39-8	mg/kg		0.025	N.D.
92	Perfluorononanoate ammonium salt (PFNA-NH <sub>4</sub> )*	4149-60-4	mg/kg		0.025	N.D.
93	Silver perfluorononanoate (PFNA-Ag)*	7358-16-9	mg/kg		0.025	N.D.
94	Cyclohexanaminium perfluorononanoate*	328531-06-2	mg/kg		0.025	N.D.
95	Perfluorononanoate (anion)*	72007-68-2	mg/kg		0.025	N.D.
96	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-hepta-decafluoro-, compd. with N-ethylethanamine (1:1)*	77032-27-0	mg/kg		0.025	N.D.
97	Nonanoic acid, hepta-decafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI)	77032-24-7	mg/kg		0.025	N.D.



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
98	N,N-Diethylethanaminium heptadecafluorononanoate*	327176-80-7	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
99	Piperidinium perfluorononanoate*	95682-66-9	mg/kg		0.025	N.D.
100	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9, 9-heptadecafluoro-, compd. with benzenamine (1:1)*	95682-67-0	mg/kg		0.025	N.D.
101	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C <sub>11</sub> H <sub>12</sub> N <sub>4</sub> O <sub>3</sub> S)*	298703-33-0	mg/kg		0.025	N.D.
102	Perfluorononanoic anhydride (PFNAA)	228407-54-3	mg/kg		0.025	N.D.
103	Perfluoroundecanoic acid (PFUnDA)	2058-94-8	mg/kg		0.025	N.D.
104	Sodium perfluoroundecanoate*	60871-96-7	mg/kg		0.025	N.D.
105	Ammonium perfluoroundecanoate (PFUnDA-NH <sub>4</sub> )*	4234-23-5	mg/kg		0.025	N.D.
106	Potassium perfluoroundecanoate (PFUnDA-K)*	30377-53-8	mg/kg		0.025	N.D.
107	Calcium perfluoroundecanoate (PFUnDA-Ca)*	97163-17-2	mg/kg		0.025	N.D.
108	Perfluoroundecanoate (anion)*	196859-54-8	mg/kg		0.025	N.D.
109	11H-Perfluoroundecanoic acid (11H-PFUnDA)	1765-48-6	mg/kg	0.025	N.D.	
110	Potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafafluoroundecanoate (11H-PFUnDA-K)*	307-71-1	mg/kg	0.025	N.D.	
111	Ammonium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafafluoroundecanoate (11H-PFUnDA-NH <sub>4</sub> )*	5081-02-07	mg/kg	0.025	N.D.	



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
112	11H-Perfluoroundecanoate (11H-PFUnDA(anion))*	69681-37-4	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
113	Perfluorodecanoic acid (PFDA)	335-76-2	mg/kg		0.025	N.D.
114	Potassium perfluorodecanoate (PFDA-K)*	51604-85-4	mg/kg		0.025	N.D.
115	Perfluorodecanoate Na-salt (PFDA-Na)*	3830-45-3	mg/kg		0.025	N.D.
116	Perfluorodecanoate ammonium salt (PFDA-NH <sub>4</sub> )*	3108-42-7	mg/kg		0.025	N.D.
117	Silver perfluorodecanoate (PFDA-Ag)*	5784-82-7	mg/kg		0.025	N.D.
118	Lithium perfluorodecanoate (PFDA-Li)*	84743-32-8	mg/kg		0.025	N.D.
119	Perfluorodecanoate (anion)*	73829-36-4	mg/kg		0.025	N.D.
120	Perfluorodecanoic anhydride (PFDA)*	942199-24-8	mg/kg		0.025	N.D.
121	Perfluorododecanoic acid (PFDoDA)	307-55-1	mg/kg		0.025	N.D.
122	Ammonium tricosafuorododecanoate (PFDoDA-NH <sub>4</sub> )*	3793-74-6	mg/kg		0.025	N.D.
123	Perfluorododecanoate (anion)*	171978-95-3	mg/kg		0.025	N.D.
124	Perfluorotridecanoic acid (PFTTrDA)	72629-94-8	mg/kg		0.025	N.D.
125	Ammonium perfluorotridecanoate (PFTTrDA-NH <sub>4</sub> )*	4288-72-6	mg/kg		0.025	N.D.
126	Sodium perfluorododecanoate (PFDoDA-Na)*	60872-01-7	mg/kg		0.025	N.D.
127	Perfluorotridecanoate (anion)*	862374-87-6	mg/kg		0.025	N.D.
128	Perfluorotetradecanoic acid (PFTeDA)	376-06-7	mg/kg		0.025	N.D.
129	Perfluorotetradecanoate (anion)*	365971-87-5	mg/kg		0.025	N.D.



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SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
130	Perfluorobutanesulfonic acid (PFBS)	375-73-5	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
131	Tetramethylammonium perfluorobutane sulfonate*	25628-17-5	mg/kg		0.025	N.D.
132	Perfluorobutanesulfonic Anhydride*	36913-91-4	mg/kg		0.025	N.D.
133	Perfluorobutanesulfonate*	45187-15-3	mg/kg		0.025	N.D.
134	N,N,N-Tripropylpentan-1-aminium nonafluorobutane-1-sulfonate*	56773-55-8	mg/kg		0.025	N.D.
135	Tetrabutylammonium perfluoro-1-butanesulfonate*	108427-52-7	mg/kg		0.025	N.D.
136	N,N-Dibutyl-N-methylbutan-1-aminium nonafluorobutane-1-sulfonate*	124472-66-8	mg/kg		0.025	N.D.
137	1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate*	-	mg/kg		0.025	N.D.
138	Triethylammonium perfluorobutane sulfonate*	182059-38-7	mg/kg		0.025	N.D.
139	Diphenyliodonium nonafluorobutane-1-sulfonate*	194999-82-1	mg/kg		0.025	N.D.
140	Tris(4-tert-butylphenyl)sulfonium perfluorobutanesulfonate*	241806-75-7	mg/kg		0.025	N.D.
141	N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanesulfonate (1:1)*	334529-55-4	mg/kg		0.025	N.D.
142	1-Hexadecylpyridinium perfluoro-1-butanesulfonate*	334529-62-3	mg/kg		0.025	N.D.
143	1-Butylpyridinium perfluoro-1-butanesulfonate*	334529-64-5	mg/kg		0.025	N.D.



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# TEST REPORT

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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
144	N,N-Dimethyl-N-(propan-2-yl)propan-2-aminium nonafluorobutane-1-sulfonate*	374571-81-0	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
145	(4-Cyclohexylphenyl)(diphenyl)sulfanium nonafluorobutane-1-sulfonate*	425670-64-0	mg/kg		0.025	N.D.
146	N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanefluorobutane-1-sulfonate*	495417-51-1	mg/kg		0.025	N.D.
147	Zinc bis(nonafluoro-1-butanefluorobutane-1-sulfonate)*	502457-69-4	mg/kg		0.025	N.D.
148	Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanefluorobutane-1-sulfonic acid (1:1)*	722538-68-3	mg/kg		0.025	N.D.
149	[4-(2-tert-Butoxy-2-oxoethoxy)phenyl](diphenyl)sulfonium nonafluorobutane-1-sulfonate*	857285-80-4	mg/kg		0.025	N.D.
150	1-(1-Methyl-1H-indol-3-yl)thiolan-1-ium nonafluorobutane-1-sulfonate*	867373-18-0	mg/kg		0.025	N.D.
151	1-Methyl-3-octyl-1H-imidazolium perfluorobutanefluorobutane-1-sulfonate*	905972-83-0	mg/kg		0.025	N.D.
152	3-Hexyl-1-methyl-1H-imidazolium perfluorobutanefluorobutane-1-sulfonate*	1001557-05-6	mg/kg		0.025	N.D.
153	1-Ethyl-3-methylpyridin-1-ium nonafluorobutane-1-sulfonate*	1015420-87-7	mg/kg		0.025	N.D.
154	Perfluorobutanefluorobutane-1-sulfonate K-salt (PFBS-K)*	29420-49-3	mg/kg		0.025	N.D.
155	Perfluorobutanefluorobutane-1-sulfonic acid (PFBS-H <sub>2</sub> O)*	59933-66-3	mg/kg		0.025	N.D.
156	N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate (PFBS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )*	25628-08-4	mg/kg	0.025	N.D.	



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
157	Sodium perfluorobutanesulfonate (PFBS-Na)*	60453-92-1	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
158	Lithium perfluorobutanesulfonate (PFBS-Li)*	131651-65-5	mg/kg		0.025	N.D.
159	Ammonium perfluorobutanesulfonate (PFBS-NH <sub>4</sub> )*	68259-10-9	mg/kg		0.025	N.D.
160	Magnesium perfluorobutanesulfonate (PFBS-Mg)*	507453-86-3	mg/kg		0.025	N.D.
161	Triphenylsulfonium perfluorobutanesulfonate (TPS-PFBS)*	144317-44-2	mg/kg		0.025	N.D.
162	Tetrabutyl-phosphonium perfluorobutanesulfonate	220689-12-3	mg/kg		0.025	N.D.
163	N-Morpholinium perfluorobutanesulfonate	503155-89-3	mg/kg		0.025	N.D.
164	Bis(4-tert-butylphenyl)iodonium perfluoro-1-butanesulfonate	194999-85-4	mg/kg		0.025	N.D.
165	1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-18-2	mg/kg		0.025	N.D.
166	Perfluorobutanesulfonyl fluoride (PFBS-F)*	375-72-4	mg/kg		0.025	N.D.
167	Perfluorobutanesulphonyl chloride (PFBS-Cl)*	2991-84-6	mg/kg		0.025	N.D.
168	Sulfonium, dimethylphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	220133-51-7	mg/kg		0.025	N.D.
169	Thiophenium, 1-(4-butoxy-1-naphthalenyl)tetrahydro-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	209482-18-8	mg/kg		0.025	N.D.
170	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	mg/kg		0.025	N.D.
171	Perfluorohexylsulfonate*	108427-53-8	mg/kg	0.025	N.D.	



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
172	Tetrabutylphosphonium perfluorohexane sulfonate*	2310194-12-6	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
173	Benzyltriphenylphosphanium tridecafluorohexane-1-sulfonate (PFHxS-BTPP)*	1000597-52-3	mg/kg		0.025	N.D.
174	Perfluorohexanesulfonate Na-salt (PFHxS-Na)*	82382-12-5	mg/kg		0.025	N.D.
175	Perfluorohexanesulfonate K-salt (PFHxS-K)*	3871-99-6	mg/kg		0.025	N.D.
176	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1) (PFHxS-Li)*	55120-77-9	mg/kg		0.025	N.D.
177	Ammonium perfluorohexane-1-sulphonate (PFHxS-NH <sub>4</sub> )*	68259-08-5	mg/kg		0.025	N.D.
178	N,N,N-Tributylbutan-1-aminium tridecafluorohexane-1-sulfonate*	108427-54-9	mg/kg		0.025	N.D.
179	Tetraethylammonium perfluorohexane sulfonate*	108427-55-0	mg/kg		0.025	N.D.
180	Tridecafluorohexane-1-sulfonic acid-pyrrolidine*	1187817-57-7	mg/kg		0.025	N.D.
181	4-[[4-(Diethylamino)phenyl][4-(ethylamino)naphthalen-1-yl]methylidene]-N,N-diethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate*	1310480-24-0	mg/kg		0.025	N.D.
182	4-[[4-(Dimethylamino)phenyl][4-(ethylamino)naphthalen-1-yl]methylidene]-N,N-dimethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate*	1310480-27-3	mg/kg		0.025	N.D.



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
183	4-[[4-(Dimethylamino)phenyl][4-(phenylamino)naphthalen-1-yl]methylidene]-N,N-dimethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate*	1310480-28-4	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
184	Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate*	1329995-45-0	mg/kg		0.025	N.D.
185	Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate*	1329995-69-8	mg/kg		0.025	N.D.
186	Triphenylsulfanium tridecafluorohexane-1-sulfonate (TPS-PFHxS)*	144116-10-9	mg/kg		0.025	N.D.
187	1-(Carboxymethyl)-4-(2-{4-[4-(2,2-diphenylethenyl)phenyl]-1H,2H,3H,3aH,4H,8bH-cyclopenta[b]indol-7-yl}ethenyl)quinolin-1-ium tridecafluorohexane-1-sulfonate*	1462414-59-0	mg/kg		0.025	N.D.
188	Diphenyliodanium tridecafluorohexane-1-sulfonate*	153443-35-7	mg/kg		0.025	N.D.
189	Tetramethylammonium perfluorohexane sulfonate*	189274-31-5	mg/kg		0.025	N.D.
190	Tert-butylazanium;1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate*	202189-84-2	mg/kg		0.025	N.D.
191	Bis(4-tert-butylphenyl)iodanium tridecafluorohexane-1-sulfonate*	213740-81-9	mg/kg		0.025	N.D.
192	Bis(4-methylphenyl)(phenyl)sulfanium tridecafluorohexane-1-sulfonate*	341548-85-4	mg/kg		0.025	N.D.



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
193	Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with perfluorohexanesulfonic acid (1:2)*	421555-73-9	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
194	Perfluorohexanesulfonic acid, Gallium(3+) salt (3:1)*	341035-71-0	mg/kg		0.025	N.D.
195	Perfluorohexanesulfonic acid, Scandium(3+) salt (3:1)*	350836-93-0	mg/kg		0.025	N.D.
196	Perfluorohexanesulfonic acid, Neodymium(3+) salt (3:1)*	41184-65-0	mg/kg		0.025	N.D.
197	Perfluorohexanesulfonic acid, Yttrium(3+) salt (3:1)*	41242-12-0	mg/kg		0.025	N.D.
198	Cesium perfluorohexanesulfonate*	92011-17-1	mg/kg		0.025	N.D.
199	Perfluorohexanesulfonic acid, Zinc salt *	70136-72-0	mg/kg		0.025	N.D.
200	Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, perfluorohexanesulfonate (1:1)*	421555-74-0	mg/kg		0.025	N.D.
201	Tris(4-tert-butylphenyl)sulfanium tridecafluorohexane-1-sulfonate*	425670-70-8	mg/kg		0.025	N.D.
202	Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)*	70225-16-0	mg/kg		0.025	N.D.
203	Triethylammonium perfluorohexane sulfonate*	72033-41-1	mg/kg		0.025	N.D.
204	Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with perfluorohexanesulfonic acid (1:1)*	866621-50-3	mg/kg		0.025	N.D.
205	(4-Methylphenyl) diphenylsulfanium tridecafluorohexane-1-sulfonate*	910606-39-2	mg/kg		0.025	N.D.
206	{4-[(2-Methylprop-2-enoyl)oxy]phenyl}diphenylsulfanium tridecafluorohexane-1-sulfonate*	911027-68-4	mg/kg	0.025	N.D.	



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
207	Dibenzo[k,n][1,4,7,10,13]tetraxathiacyclopentadecinium, 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	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
208	Perfluorohexylsulfonyl fluoride (PFHxS-F)*	423-50-7	mg/kg		0.025	N.D.
209	Perfluorohexylsulfonyl chloride (PFHxS-Cl)*	55591-23-6	mg/kg		0.025	N.D.
210	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	mg/kg		0.025	N.D.
211	Perfluoroheptanesulfonyl Fluoride*	335-71-7	mg/kg		0.025	N.D.
212	Bis(2-hydroxyethyl) ammonium perfluoroheptanesulfonate*	70225-15-9	mg/kg		0.025	N.D.
213	Triethylammonium perfluoroheptane sulfonate*	72033-40-0	mg/kg		0.025	N.D.
214	Perfluoroheptanesulfonate*	146689-46-5	mg/kg		0.025	N.D.
215	Tetraethylammonium perfluoroheptane sulfonate*	439863-97-5	mg/kg		0.025	N.D.
216	Perfluoroheptanesulfonic acid, K-salt (PFHpS-K)*	60270-55-5	mg/kg		0.025	N.D.
217	Sodium perfluoroheptanesulfonate (PFHpS-Na)*	21934-50-9	mg/kg		0.025	N.D.
218	Ammonium perfluoroheptanesulfonate (PFHpS-NH <sub>4</sub> )*	68259-07-4	mg/kg		0.025	N.D.
219	Lithium perfluoroheptanesulfonate (PFHpS-Li)*	117806-54-9	mg/kg		0.025	N.D.
220	Perfluoroheptane sulfonic anhydride (PFHpSA)*	140429-92-1	mg/kg		0.025	N.D.
221	Perfluorodecanesulfonic acid (PFDS)	335-77-3	mg/kg	0.025	N.D.	
222	Perfluorodecanesulphonyl Fluoride*	307-51-7	mg/kg	0.025	N.D.	



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SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
223	Perfluorodecane sulfonate (anion)*	126105-34-8	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
224	Perfluorodecanesulfonate Na-salt (PFDS-Na)*	2806-15-7	mg/kg		0.025	N.D.
225	Perfluorodecanesulfonate K-salt (PFDS-K)*	2806-16-8	mg/kg		0.025	N.D.
226	Perfluoroaliphatic Dean-sulfonate , ammonium salt (PFDS-NH <sub>4</sub> )*	67906-42-7	mg/kg		0.025	N.D.
227	Perfluorodecane sulfonic anhydride (PFDSA)*	51667-62-0	mg/kg		0.025	N.D.
228	Perfluorooctanesulfonamide (PFOSA)	754-91-6	mg/kg		0.025	N.D.
229	Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)*	76752-79-9	mg/kg		0.025	N.D.
230	Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)*	76752-78-8	mg/kg		0.025	N.D.
231	Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)*	76752-70-0	mg/kg		0.025	N.D.
232	Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH <sub>4</sub> )*	76752-72-2	mg/kg		0.025	N.D.
233	Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1) (PFOSA-C <sub>6</sub> H <sub>15</sub> N)*	76752-82-4	mg/kg		0.025	N.D.
234	N-Methyl-Perfluorooctanesulfonamide (N-Me-FOSA)	31506-32-8	mg/kg		0.025	N.D.
235	N-Ethyl-Perfluorooctanesulfonamide (N-Et-FOSA)	4151-50-2	mg/kg		0.025	N.D.
236	N-Methyl-Perfluorooctanesulfonamidoethanol (N-Me-FOSEalcohol)	24448-09-7	mg/kg		0.025	N.D.
237	N-Ethyl-Perfluorooctanesulfonamidoethanol (N-Et-FOSEalcohol)	1691-99-2	mg/kg		0.025	N.D.
238	1H,1H,2H,2HPerfluorooctane sulphonic acid (6:2 FTS)	27619-97-2	mg/kg	0.025	N.D.	



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SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
239	6:2 Fluorotelomer sulfonate sodium salt (6:2 FTS-Na)*	27619-94-9	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
240	6:2 Fluorotelomer sulfonate potassium salt (6:2 FTS-K)*	59587-38-1	mg/kg		0.025	N.D.
241	6:2 Fluorotelomer sulfonate ammonium salt (6:2 FTS-NH <sub>4</sub> )*	59587-39-2	mg/kg		0.025	N.D.
242	1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-, barium salt (2:1) (6:2FTS-Ba)*	1807944-82-6	mg/kg		0.025	N.D.
243	6:2 Fluorotelomer sulfonate anion (6:2 FTS(anion))*	425670-75-3	27619		0.025	N.D.
244	1H,1H,2H,2H-Perfluorodecanesulphonic acid (8:2 FTS)	39108-34-4	mg/kg		0.025	N.D.
245	1H,1H,2H,2H-Perfluorodecanesulphonic acid, Sodium salt (8:2 FTS-Na)*	27619-96-1	mg/kg		0.025	N.D.
246	1H,1H,2H,2H-Perfluorododecane sulfonate, Potassium salt (8:2 FTS-K)*	438237-73-1	mg/kg		0.025	N.D.
247	1H,1H,2H,2H-Perfluorododecane sulfonate, Ammonium salt (8:2 FTS-NH <sub>4</sub> )*	149724-40-3	mg/kg		0.025	N.D.
248	8: 2 Fluorotelomer sulfonate (anion) (8:2 FTS(anion))*	481071-78-7	mg/kg		0.025	N.D.
249	1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	mg/kg		0.025	N.D.
250	1H,1H,2H,2H-Perfluorododecanesulfonate sodium salt (10:2 FTS-Na)*	108026-35-3	mg/kg		0.025	N.D.
251	2H,2H,3H,3HPerfluoroundecanoic acid (H4PFUnDA / 8:3 FTCA)	34598-33-9	mg/kg		0.025	N.D.
252	Potassium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-K)*	83310-58-1	mg/kg		0.025	N.D.
253	2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-Li)*	67304-23-8	mg/kg		0.025	N.D.



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
254	Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
255	7H-Dodecafluoro heptane carboxylate (7HPFHpA)	1546-95-8	mg/kg		0.025	N.D.
256	Sodium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-Na)*	2264-25-7	mg/kg		0.025	N.D.
257	Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-NH <sub>4</sub> )*	376-34-1	mg/kg		0.025	N.D.
258	7-H-Perfluoroheptanoate (anion)*	69681-35-2	mg/kg		0.025	N.D.
259	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )	882489-14-7	mg/kg		0.025	N.D.
260	2H,2H Perfluorodecane Acid (H <sub>2</sub> PFDA)	27854-31-5	mg/kg		0.025	N.D.
261	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides (HFPO-DA)	13252-13-6	mg/kg		0.025	N.D.
262	Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67963-75-1	mg/kg		0.025	N.D.
263	Perfluoro(2-propoxypropanoate)*	122499-17-6	mg/kg		0.025	N.D.
264	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid--N-propylpropan-1-amine (1/1)*	165951-17-7	mg/kg		0.025	N.D.
265	Triethylammonium perfluoro-2-propoxypropanoate*	165951-18-8	mg/kg		0.025	N.D.
266	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	298703-31-8	mg/kg		0.025	N.D.
267	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, ammonium salts (HFPO-DA-NH <sub>4</sub> )*	62037-80-3	mg/kg	0.025	N.D.	



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SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
268	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, K- salts (HFPO-DA-K)*	67118-55-2	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
269	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride (HFPO-DA-F)*	2062-98-8	mg/kg		0.025	N.D.
270	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)*	75579-40-7	mg/kg		0.025	N.D.
271	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)*	75579-39-4	mg/kg		0.025	N.D.
272	2,3,6-Triiodobenzoic acid (1-methyl-3-piperidinyl)methyl ester compd. with perfluoro-2-(propoxy)propanoate (1:1)*	2412106-69-3	mg/kg		0.025	N.D.
273	1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid(H4-PFGxS(4:2 FTS))	757124-72-4	mg/kg		0.025	N.D.
274	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid, sodium salt (4:2 FTS-Na)*	27619-93-8	mg/kg		0.025	N.D.
275	4:2 Fluorotelomer sulfonate (4:2 FTS(anion))*	414911-30-1	mg/kg		0.025	N.D.
276	N-Methylperfluoro-1-octanesulfonamidoacetic acid (N-MeFOSAA)	2355-31-9	mg/kg		0.025	N.D.
277	N-Ethyl-N-(perfluoro-1-octanesulfonyl) glycine (N-EtFOSAA)	2991-50-6	mg/kg		0.025	N.D.
278	1H,1H,2H,2H-Perfluorohexanol (4:2 FTOH)	2043-47-2	mg/kg		0.5	N.D.
279	1H,1H,2H,2H-Perfluorooctanol (6:2 FTOH)	647-42-7	mg/kg		0.5	N.D.
280	1H,1H,2H,2H-Perfluorodecanol (8:2 FTOH)	678-39-7	mg/kg		0.5	N.D.
281	Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg		0.5	N.D.
282	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg		0.5	N.D.
283	1H,1H,2H,2H-Perfluorododecanol (10:2 FTOH)	865-86-1	mg/kg		0.5	N.D.



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# TEST REPORT

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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
284	1H,1H,2H,2H-Perfluorooctyl acrylate (6:2 FTA)	17527-29-6	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.5	N.D.
285	1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	mg/kg		0.5	N.D.
286	1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	mg/kg		0.5	N.D.
287	1H,1H,2H,2H-Perfluorohexyl methacrylate (4:2 FTMA)	1799-84-4	mg/kg		0.5	N.D.
288	1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	mg/kg		0.5	N.D.
289	1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	mg/kg		0.5	N.D.
290	1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	162953-69-7	mg/kg		0.5	N.D.
291	1H,1H-Perfluorononanol (8:1 FTOH)	423-56-3	mg/kg		0.5	N.D.
292	2-Perfluorooctyl ethyl iodide(8:2 FTI)	2043-53-0	mg/kg		0.5	N.D.
293	Perfluorooctyl iodide(PFOI)	507-63-1	mg/kg		0.5	N.D.
294	N-(Perfluoro-1-octanesulfonyl) Glycine (FOSAA)	2806-24-8	mg/kg		0.025	N.D.
295	2-(perfluorodecyl) ethyl methacrylate (10:2FTMA)	2144-54-9	mg/kg		0.5	N.D.
296	Perfluorooctylethene (PFOE)	21652-58-4	mg/kg		0.5	N.D.
297	Perfluoro hexanesulfonamide (PFHxSA)	41997-13-1	mg/kg		0.025	N.D.
298	N-Methyl-perfluoro hexanesulfonamide (N-Me-FHxSA)	68259-15-4	mg/kg		0.025	N.D.
299	N-[3-(dimethylamino)propyl] tridecafluorohexanesulphonamide (N-AP-FHxSA)	50598-28-2	mg/kg		0.025	N.D.
300	2-[methyl[(tridecafluorohexyl) sulphonyl]amino]ethyl acrylate) (N-MeFHSEA)	67584-57-0	mg/kg		0.5	N.D.
301	N-Methyl-perfluoro hexanesulfonamidoethanol (N-Me-FHxSE alcohol)	68555-75-9	mg/kg		0.025	N.D.



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# TEST REPORT

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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
302	N-Ethyl-perfluoro hexanesulfonamidoethanol (N-Et-FHxSE alcohol)	34455-03-3	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
303	Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	mg/kg		0.025	N.D.
304	Sodium perfluoro-1-pentane sulfonate (PFPeS-Na)*	630402-22-1	mg/kg		0.025	N.D.
305	Bis(2-hydroxyethyl) ammonium perfluoropentanesulfonate*	70225-17-1	mg/kg		0.025	N.D.
306	Triethylammonium perfluoropentane sulfonate*	72033-42-2	mg/kg		0.025	N.D.
307	Perfluoropentanesulfonate*	175905-36-9	mg/kg		0.025	N.D.
308	Lithium perfluoropentane sulfonate*	1046864-81-6	mg/kg		0.025	N.D.
309	Perfluorononane sulfonate (anion)*	474511-07-4	mg/kg		0.025	N.D.
310	Potassium perfluoropentane-1-sulphonate (PFPeS-K)*	3872-25-1	mg/kg		0.025	N.D.
311	Ammonium perfluoropentanesulfonate (PFPeS-NH <sub>4</sub> )*	68259-09-6	mg/kg		0.025	N.D.
312	Perfluoropentane sulfonic anhydride (PFPeSA)*	161877-72-1	mg/kg		0.025	N.D.
313	Perfluorononane sulfonic acid (PFNS)	68259-12-1	mg/kg		0.025	N.D.
314	Nonadecafluorononanesulfonyl Fluoride*	68259-06-3	mg/kg		0.025	N.D.
315	Sodium perfluorononanesulfonate (PFNS-Na)*	98789-57-2	mg/kg		0.025	N.D.
316	Potassium perfluorononanesulfonate (PFNS-K)*	29359-39-5	mg/kg		0.025	N.D.
317	Ammonium nonadecafluorononanesulphonate (PFNS-NH <sub>4</sub> )*	17202-41-4	mg/kg		0.025	N.D.
318	Perfluoroundecane sulfonic acid (PFUnDS)	749786-16-1	mg/kg		0.025	N.D.
319	Perfluoroundecanesulfonate (anion)*	441296-91-9	34598		0.025	N.D.



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
320	Perfluorododecane sulfonic acid (PFDoDS)	79780-39-5	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
321	Potassium perfluorododecanesulfonate*	85187-17-3	mg/kg		0.025	N.D.
322	Perfluorododecanesulfonate*	343629-43-6	mg/kg		0.025	N.D.
323	Sodium perfluoro-1-dodecanesulfonate (PFDoDS-Na)*	1260224-54-1	mg/kg		0.025	N.D.
324	Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8	mg/kg		0.025	N.D.
325	Sodium perfluoro-1-tridecanesulfonate (PFTriDSNa)*	174675-49-1	mg/kg		0.025	N.D.
326	Ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA)	958445-44-8	mg/kg		0.025	N.D.
327	Mono[2-perfluorodecyl)ethyl] Phosphate Cyclohexylamine Salt (10:2 monoPAP)*	-	mg/kg		0.5	N.D.
328	Perfluorooctyl phosphoric acid (FPOPA)	40143-78-0	mg/kg		0.025	N.D.
329	(Heptadecafluorooctyl)phosphonic acid--4-methylaniline (1/1)*	1263361-03-0	mg/kg		0.025	N.D.
330	Polyfluorinated silanes (PFO-Si)*	3102-79-2	mg/kg		0.5	N.D.
331	Dimethyl Perfluoro-1, 10-Decanedicarboxylate (PFDodiAOMe)	84750-88-9	mg/kg		0.5	N.D.
332	1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )	101947-16-4	mg/kg		0.5	N.D.
333	1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	mg/kg		0.5	N.D.
334	1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1	mg/kg		0.5	N.D.
335	1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	mg/kg		0.5	N.D.
336	Perfluoroheptanesulfonate Na-salt*	68555-66-8	mg/kg		0.025	N.D.
337	2-Perfluorohexylethyl iodide (6:2 FTI)	2043-57-4	mg/kg	0.5	N.D.	



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
338	Mono[2-(perfluoro hexyl)ethyl]phosphate(6:2 PAP)	57678-01-0	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.5	N.D.
339	Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate*	2353-52-8	mg/kg		0.5	N.D.
340	2-(Perfluorohexyl)ethanol dihydrogen phosphate bis (2-hydroxyethyl)amine*	57678-02-1	mg/kg		0.5	N.D.
341	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt*	92401-44-0	mg/kg		0.5	N.D.
342	Sodium 1H,1H,2H,2H-perfluorooctylphosphate*	144965-22-0	mg/kg		0.5	N.D.
343	Monopotassium monoperfluorohexyl ethylphosphate*	150033-28-6	mg/kg		0.5	N.D.
344	Diammonium 6:2 fluorotelomer phosphate monoester*	1000852-37-8	mg/kg		0.5	N.D.
345	Bis[2-(perfluoro hexyl)ethyl] phosphate (6:2 diPAP)	57677-95-9	mg/kg		0.025	N.D.
346	Ammonium bis[2-(perfluorohexyl)ethyl] phosphate*	1764-95-0	mg/kg		0.025	N.D.
347	Sodium bis[2-(perfluorohexyl)ethyl] phosphate*	407582-79-0	mg/kg		0.025	N.D.
348	Mono[2-(perfluoro octyl)ethyl] phosphate (8:2 PAP)	57678-03-2	mg/kg		0.5	N.D.
349	8:2 Fluorotelomer diammonium phosphate*	93857-44-4	mg/kg		0.5	N.D.
350	Sodium 1H,1H,2H,2H-perfluorodecylphosphate*	130771-95-8	mg/kg		0.5	N.D.
351	Disodium 1H,1H,2H,2H-perfluorodecylphosphate*	438237-75-3	mg/kg		0.5	N.D.
352	Bis[2-(perfluoro octyl)ethyl] phosphate (8:2 diPAP)	678-41-1	mg/kg		0.5	N.D.
353	Bis(2-hydroxyethyl) ammonium bis ((perfluorooctyl)ethyl) hydrogen phosphate*	57677-97-1	mg/kg		0.5	N.D.
354	Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt*	93776-20-6	mg/kg		0.5	N.D.



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
355	8:2 Fluorotelomer phosphate diester ion (1-)*	1411713-91-1	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.5	N.D.
356	Mono[2-(perfluoro decyl)ethyl] phosphate (10:2 PAP)	57678-05-4	mg/kg		0.5	N.D.
357	10:2 Fluorotelomer diammonium dihydrogen phosphate*	93857-45-5	mg/kg		0.5	N.D.
358	Bis[2-(perfluoro decyl)ethyl] phosphate (10:2 diPAP)	1895-26-7	mg/kg		0.025	N.D.
359	Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2 diPAP-Na)*	114519-85-6	mg/kg		0.025	N.D.
360	2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoic acid	919005-14-4	mg/kg		0.025	N.D.
361	Sodium 4,8-dioxa-3H-perfluorononanoate*	2250081-67-3	mg/kg		0.025	N.D.
362	Perfluorodecyl iodide (PFI-C10)	423-62-1	mg/kg		0.5	N.D.
363	Perfluorododecyl iodide (PFI-C12)	307-60-8	mg/kg		0.5	N.D.
364	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 <sup>3,7</sup> ]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate*	911027-69-5	mg/kg		0.025	N.D.
365	Perfluoropentadecanoic acid	141074-63-7	mg/kg		0.025	N.D.
366	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	mg/kg		0.025	N.D.
367	2-(Perfluorobutyl)ethyl Acrylate*	52591-27-2	mg/kg		0.025	N.D.
368	Bis(perfluorohexyl) phosphinic Acid*	40143-77-9	mg/kg		0.025	N.D.



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
369	Perfluoro-n-pentane*	678-26-2	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
370	Perfluoro(4-methyl-3,6-dioxaoct-7-ene)sulfonyl Fluoride*	16090-14-5	mg/kg		0.025	N.D.
371	1H,1H-Perfluoroheptylamine*	423-49-4	mg/kg		0.025	N.D.
372	Fatty acids, C7-13, perfluoro*	68333-92-6	mg/kg		0.025	N.D.
373	Carboxylic acids, C7-13, perfluoro, ammonium salts*	72968-38-8	mg/kg		0.025	N.D.
374	Octanoic acid, pentadecafluoro-, branched*	90480-55-0	mg/kg		0.025	N.D.
375	Octanoic acid, pentadecafluoro-, branched, ammonium salt*	90480-56-1	mg/kg		0.025	N.D.
376	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester, homopolymer; 2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester, homopolymer; 2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester, homopolymer; 2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester, homopolymer*	74049-08-4	mg/kg		0.025	N.D.
377	9H-Hexadecafluorononanoic Acid*	76-21-1	mg/kg		0.025	N.D.
378	1H,1H,2H-Perfluoro-1-octene*	25291-17-2	mg/kg		0.025	N.D.
379	1H,1H,2H-Perfluoro-1-hexene*	19430-93-4	mg/kg		0.025	N.D.
380	Perfluorodecalin*	306-94-5	mg/kg		0.025	N.D.
381	1H,1H-Perfluorohexan-1-ol*	423-46-1	mg/kg		0.025	N.D.



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REPORT NO. RT26R-S0480-001-E12

SAMPLE ID NO. : RT26R-S0480-001

SAMPLE DESCRIPTION : Coated paper

No.	TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
382	Perfluorophenol*	771-61-9	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by GC/MS and LC/MS/MS	0.025	N.D.
383	Perfluoro(butylcyclohexane)*	374-60-7	mg/kg		0.025	N.D.
384	N-(Carboxymethyl)-N,N-dimethyl-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulfonyl]amino]-1-propanaminium, Inner Salt*	34455-29-3	mg/kg		0.025	N.D.
385	2-(8-Chloroperfluorooctyloxy) tetrafluoroethanesulfonyl Fluoride (Technical Grade)*	73606-15-2	mg/kg		0.025	N.D.

Tested by : Hayan Park

Notes : mg/kg = ppm = parts per million  
< = Less than  
N.D. = Not detected (<MDL)  
MDL = Method detection limit

Remark : \* The concentration of the substance is calculated based on the amount of the related substances.



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REPORT NO. RT26R-S0480-001-E12

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SAMPLE ID NO. : RT26R-S0480-001  
SAMPLE DESCRIPTION : Coated paper

\* View of sample as received;-



\*\*\*\*\* End of Report \*\*\*\*\*

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