

Test Report

Number: SHAH01743964

Applicant: KINGSUM,LNC,DBA GARDEN WINDS
4950E 2ND ST BENICIA CA USA
Attn: Michael Yim

Date: 17 Oct, 2024

Sample Description:

One(1) piece of submitted sample said to be :
Item Name : Canopy fabric
Item No. : LCM1415

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

Tested Sample	Standard	Result
Submitted Sample	Model Toxics in Packaging Legislation and draft amendments on PFAS test (Toxics in Packaging Clearinghouse TPCH)	Pass
Submitted Sample	DecaBDE, PIP(3:1), PCTP and HCBd content requirements in US EPA 40 CFR 751 Subpart E Persistent, Bioaccumulative and Toxic Chemicals	Pass
Submitted Sample	2,4,6-TTBP content requirement in US EPA 40 CFR 751 Subpart E Persistent, Bioaccumulative and Toxic Chemicals	Pass
Submitted Sample	California Proposition 65 for (Flame retardants) Tents fabric including tents, shelters, gazebos, play structures such as tunnels and parachutes, sleeping bags/pads, and chairs/cots),Consent Judgement No. RG-753975 Flame retardants content	Pass

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Bill Zhang
General Manager



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Tests Conducted

1 PFAS Content Screening (US Toxics in Packaging Clearinghouse TPCH)

With reference to EN 14582:2016 for total Fluorine, by Calorimetric Bomb and determined by Ion Chromatography; In-house method for total Inorganic Fluorine, by water extraction and determined by Ion Chromatography.

Test Item	Result (mg/kg)	Detection Limit (mg/kg)	Limit (mg/kg)
Total Organic Fluorine (F) Content^	ND	20	100

The PFAS result was determined from the total organic Fluorine (F) content.

The limit was quoted according to Model Toxics in Packaging Legislation and Guidance Document on PFAS test (Toxics in Packaging Clearinghouse TPCH).

Remark: ND = Not detected (Less than Detection limit)

^ = Total organic fluorine is calculated by subtraction of inorganic fluorine value from the total fluorine value.

No.	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
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	985-60-4	0.01



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	acid*		
37	Sodium perfluorohexanoate*	2923-26-4	0.01
38	Potassium perfluorohexanoate*	3109-94-2	0.01
39	Ammonium perfluorohexanoate (PFHxA-NH ₄)**	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
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	N,N,N-Triethylethanaminium perfluorooctanoate*	98241-25-9	0.01
74	Perfluorooctanoyl Bromide*	222037-87-8	0.01
75	Tetrapropylammonium perfluorooctanoate*	277749-00-5	0.01
76	N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate*	927835-01-6	0.01
77	Perfluorononanoic acid (PFNA)	375-95-1	0.01
78	Perfluorononanoyl Fluoride*	558-95-2	0.01
79	Perfluorononanoate ammonium salt (APFN) *	4149-60-4	0.01
80	Silver perfluorononanoate*	7358-16-9	0.01
81	Potassium perfluorononanoate (PFNA-K)*	21049-38-7	0.01
82	Perfluorononanoate Na-Salt (PFNA-Na) *	21049-39-8	0.01
83	Perfluorononanoyl Chloride*	52447-23-1	0.01
84	Lithium heptadecafluorononanoate*	60871-92-3	0.01
85	Perfluorononanoate*	72007-68-2	0.01
86	Methanaminium perfluorononanoate*	77032-23-6	0.01
87	Heptadecafluorononanoic acid--N-methylmethanamine (1/1)*	77032-24-7	0.01
88	Heptadecafluorononanoic acid--N-ethylethanamine (1/1)*	77032-27-0	0.01
89	Piperidinium perfluorononanoate*	95682-66-9	0.01
90	Heptadecafluorononanoic acid--aniline (1/1)*	95682-67-0	0.01
91	Perfluorononanoic Anhydride*	228407-54-3	0.01
92	Heptadecafluorononanoyl Bromide*	261503-42-8	0.01
93	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium	298703-33-0	0.01



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	heptadecafluorononanoate*		
94	N,N-Diethylethanaminium heptadecafluorononanoate*	327176-80-7	0.01
95	Cyclohexanaminium perfluorononanoate*	328531-06-2	0.01
96	Perfluorodecanoic acid (PFDA)	335-76-2	0.01
97	Perfluorodecanoate ammonium salt (APFDA) *	3108-42-7	0.01
98	Perfluorodecanoate Na-salt (PFDA-Na) *	3830-45-3	0.01
99	Silver Perfluorodecanoate*	5784-82-7	0.01
100	Potassium Perfluorodecanoate*	51604-85-4	0.01
101	Perfluorodecanoate*	73829-36-4	0.01
102	Lithium Perfluorodecanoate*	84743-32-8	0.01
103	Perfluorodecanoic Anhydride*	942199-24-8	0.01
104	Perfluorodecanoyl chloride*	307-38-0	0.01
105	Perfluoroundecanoic acid (PFUDa)	2058-94-8	0.01
106	Ammonium perfluoroundecanoate*	4234-23-5	0.01
107	Potassium perfluoroundecanoate*	30377-53-8	0.01
108	Perfluoroundecanoic acid sodium salt*	60871-96-7	0.01
109	Calcium perfluoroundecanoate*	97163-17-2	0.01
110	Perfluoroundecanoate*	196859-54-8	0.01
111	Perfluorododecanoic acid (PFDoA)	307-55-1	0.01
112	Ammonium perfluorododecanoate*	3793-74-6	0.01
113	Sodium perfluorododecanoate*	60872-01-7	0.01
114	Perfluorododecanoate*	171978-95-3	0.01
115	Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.01
116	Ammonium perfluorotridecanoate*	4288-72-6	0.01
117	Perfluorotridecanoate*	862374-87-6	0.01
118	Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.01
119	Perfluorotetradecanoate*	365971-87-5	0.01
120	Perfluorobutanesulfonic acid (L-PFBS)	375-73-5	0.01
121	Perfluorobutansulfonyl fluoride*	375-72-4	0.01
122	1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl chloride*	2991-84-6	0.01
123	N,N,N,-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate (PFBS-N(C ₂ H ₅) ₄)*	25628-08-4	0.01
124	Tetramethylammonium perfluorobutane sulfonate*	25628-17-5	0.01
125	Perfluorobutanesulfonate K-salt (PFBS-K)*	29420-49-3	0.01
126	Perfluorobutanesulfonic Anhydride*	36913-91-4	0.01
127	Perfluorobutanesulfonate*	45187-15-3	0.01
128	N,N,N-Tripentylpentan-1-aminium nonafluorobutane-1-sulfonate*	56773-55-8	0.01
129	Nonafluorobutanesulfonic Acid Hydrate (PFBS-H ₂ O)**	59933-66-3	0.01
130	1-Butanesulfonic acid,1,1,2,2,3,3,4,4,4-nonafluoro-,sodium salt (1:1)*	60453-92-1	0.01
131	Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate*	68259-10-9	0.01
132	Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate*	70225-18-2	0.01
133	Tetrabutylammonium perfluoro-1-butanesulfonate*	108427-52-7	0.01
134	N,N-Dibutyl-N-methylbutan-1-aminium nonafluorobutane-1-sulfonate*	124472-66-8	0.01
135	lithium perfluorobutanesulfonate*	131651-65-5	0.01
136	Triphenylsulfonium perfluorobutane sulfonate*	144317-44-2	0.01
137	Triethylammonium nonafluorobutane sulfonate*	182059-38-7	0.01
138	Diphenyliodonium nonafluorobutane-1-sulfonate*	194999-82-1	0.01
139	bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate*	194999-85-4	0.01
140	1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate*	209482-18-8	0.01
141	dimethyl(phenyl)sulfonium perfluorobutanesulfonate*	220133-51-7	0.01
142	tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate*	220689-12-3	0.01
143	Tris(4-tert-butylphenyl)sulfonium perfluorobutanesulfonate*	241806-75-7	0.01
144	N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanesulfonate (1:1)*	334529-55-4	0.01
145	1-Hexadecylpyridinium perfluoro-1-butanesulfonate*	334529-62-3	0.01



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146	1-Butylpyridinium perfluoro-1-butanefulfonate*	334529-64-5	0.01
147	N,N-Dimethyl-N-(propan-2-yl)propan-2-aminium nonafluorobutane-1-sulfonate*	374571-81-0	0.01
148	(4-Cyclohexylphenyl)(diphenyl)sulfonium nonafluorobutane-1-sulfonate*	425670-64-0	0.01
149	N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanefulfonate*	495417-51-1	0.01
150	Zinc bis(nonafluoro-1-butanefulfonate)*	502457-69-4	0.01
151	morpholinium perfluorobutanefulfonate*	503155-89-3	0.01
152	magnesium perfluorobutanefulfonate*	507453-86-3	0.01
153	Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanefulfonic acid (1:1)*	722538-68-3	0.01
154	[4-(2-tert-Butoxy-2-oxoethoxy)phenyl](diphenyl)sulfonium nonafluorobutane-1-sulfonate*	857285-80-4	0.01
155	1-(1-Methyl-1H-indol-3-yl)thiolan-1-ium nonafluorobutane-1-sulfonate*	867373-18-0	0.01
156	1-Methyl-3-octyl-1H-imidazolium perfluorobutanefulfonate*	905972-83-0	0.01
157	3-Hexyl-1-methyl-1H-imidazolium perfluorobutanefulfonate*	1001557-05-6	0.01
158	1-Ethyl-3-methylpyridin-1-ium nonafluorobutane-1-sulfonate*	1015420-87-7	0.01
159	Perfluorohexanesulfonic acid (L-PFHxS)	355-46-4	0.01
160	Perfluorohexane sulphonyl fluoride*	423-50-7	0.01
161	Perfluorohexylsulfonyl chloride*	55591-23-6	0.01
162	Perfluorohexanesulfonate K-salt (PFHxS-K) *	3871-99-6	0.01
163	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
164	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
165	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
166	ammonium perfluorohexane-1-sulphonate*	68259-08-5	0.01
167	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt*	70136-72-0	0.01
168	tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)*	70225-16-0	0.01
169	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
170	Perfluorohexanesulfonate NA-salt (PFHxS-Na) *	82382-12-5	0.01
171	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
172	Perfluorohexylsulfonate*	108427-53-8	0.01
173	N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate *	108427-54-9	0.01
174	N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate*	108427-55-0	0.01
175	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
176	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
177	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
178	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
179	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
180	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt*	341035-71-0	0.01
181	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
182	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
183	Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl]-, salt with	421555-73-9	0.01



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	1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)*		
184	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
185	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
186	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
187	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
188	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
189	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
190	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
191	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
192	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
193	Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]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
194	Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]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
195	Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]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
196	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
197	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
198	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
199	Tetrabutylphosphonium perfluorohexane sulfonate*	2310194-12-6	0.01
200	Perfluoroheptanesulfonic acid (L-PFHpS)	375-92-8	0.01
201	Perfluoroheptanesulfonyl Fluoride*	335-71-7	0.01
202	Perfluoroheptanesulfonate Na-salt (PFHpS-Na)*	21934-50-9	0.01
203	Potassium Perfluoroheptanesulfonate (PFHpS-K)*	60270-55-5	0.01
204	Ammonium perfluoroheptanesulfonate*	68259-07-4	0.01
205	Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	70225-15-9	0.01
206	Triethylammonium perfluoroheptane sulfonate*	72033-40-0	0.01
207	Lithium perfluoroheptanesulfonate*	117806-54-9	0.01
208	Perfluoroheptanesulfonate*	146689-46-5	0.01
209	Tetraethylammonium perfluoroheptane sulfonate*	439863-97-5	0.01
210	Perfluorooctanesulfonic acid (L-PFOS)	1763-23-1	0.01
211	Perfluorooctane Sulfonyl fluoride (POSF) *	307-35-7	0.01
212	Heptadecafluoro-1-Octanesulfonyl Chloride*	423-60-9	0.01
213	Potassium Perfluorooctanesulfonate (PFOS-K) *	2795-39-3	0.01



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214	Sodium Perfluorooctanesulfonate (PFOS-Na)**	4021-47-0	0.01
215	Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH ₄)*	29081-56-9	0.01
216	Perfluorooctanesulfonic acid, lithium salt (PFOS-Li) *	29457-72-5	0.01
217	Perfluorooctanesulfonate*	45298-90-6	0.01
218	Triethylammonium perfluorooctane sulfonate*	54439-46-2	0.01
219	Perfluorooctanesulfonic acid,tetraethylammonium salt (PFOS-N(C ₂ H ₅) ₄)*	56773-42-3	0.01
220	Tetramethylammonium perfluorooctane sulfonate*	56773-44-5	0.01
221	N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate*	56773-56-9	0.01
222	Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(C ₂ H ₄ OH) ₂) *	70225-14-8	0.01
223	Piperidinium perfluorooctanesulfonate*	71463-74-6	0.01
224	Magnesium bis(heptadecafluorooctanesulphonate) (PFOS-Mg)*	91036-71-4	0.01
225	Tetrabutylammonium perfluorooctanesulfonate*	111873-33-7	0.01
226	N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate*	124472-68-0	0.01
227	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1)*	213740-80-8	0.01
228	N-decyl-N,N-dimethyldecan-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
229	Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate*	258341-99-0	0.01
230	1-Hexadecylpyridinium perfluoro-1-octanesulfonate*	334529-63-4	0.01
231	N,N,N-Triethyldecan-1-aminium heptadecafluorooctane-1-sulfonate*	773895-92-4	0.01
232	Tetrabutylphosphonium perfluorooctane sulfonate*	2185049-59-4	0.01
233	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
234	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
235	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
236	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
237	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
238	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
239	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
240	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
241	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
242	1-Octanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ion(1-),tris(triphenylphosphine)rhodium(1+)*	88825-77-8	0.01
243	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
244	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
245	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
246	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
247	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
248	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	127771-45-3	0.01



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	(1:1)*		
249	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
250	Perfluorodecanesulfonic acid (L-PFDS)	335-77-3	0.01
251	Perfluorodecanesulphonyl Fluoride*	307-51-7	0.01
252	Perfluorodecanesulfonate Na-salt (PFDS-Na) *	2806-15-7	0.01
253	Perfluorodecanesulfonate K-salt (PFDS-K) *	2806-16-8	0.01
254	Perfluoroaliphatic Dean-sulfonate salt of NH4 (PFDS-NH4)*	67906-42-7	0.01
255	Perfluorodecanesulfonate*	126105-34-8	0.01
256	Perfluorooctanesulfonamide (PFOSA)	754-91-6	0.01
257	Perfluorooctanesulfonamide potassium salt (1:1)*	76752-70-0	0.01
258	Perfluorooctanesulfonamide ammonium salt (1:1)*	76752-72-2	0.01
259	Perfluorooctanesulfonamide sodium salt (1:1)*	76752-78-8	0.01
260	Perfluorooctanesulfonamide lithium salt (1:1)*	76752-79-9	0.01
261	Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	76752-82-4	0.01
262	N-Methyl-Perfluorooctanesulfonamide (N-Me-FOSA)	31506-32-8	0.01
263	N-Ethyl-Perfluorooctanesulfonamide (N-Et-FOSA)	4151-50-2	0.01
264	N-Methyl-Perfluorooctanesulfonamidoethanol (N-Me-FOSE alcohol)	24448-09-7	0.01
265	N-Ethyl-Perfluorooctanesulfonamidoethanol (N-Et-FOSE alcohol)	1691-99-2	0.01
266	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	0.01
267	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanesulphonyl chloride*	27619-89-2	0.01
268	6:2 Fluorotelomer sulfonate sodium salt*	27619-94-9	0.01
269	6:2 Fluorotelomer sulfonate potassium salt*	59587-38-1	0.01
270	6:2 Fluorotelomer sulfonate ammonium salt*	59587-39-2	0.01
271	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctane-1-sulfonate*	425670-75-3	0.01
272	6:2 Fluorotelomer sulfonate barium salt*	1807944-82-6	0.01
273	2H,2H,3H,3H-Perfluoroundecanoic acid (4HPFUnA)	34598-33-9	0.01
274	Lithium 3-(perfluorooctyl)propanoate*	67304-23-8	0.01
275	Potassium 2H,2H,3H,3H-Perfluoroundecanoate*	83310-58-1	0.01
276	Perfluoro-3-7-dimethyl octane carboxylate (PF-3,7-DMOA)	172155-07-6	0.01
277	7H-Dodecafluoro heptane carboxylate (HPFHpA)	1546-95-8	0.01
278	Ammonium 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoroheptanoate*	376-34-1	0.01
279	Sodium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate*	2264-25-7	0.01
280	7H-Perfluoroheptanoyl Fluoride*	5927-65-1	0.01
281	7H-Perfluoroheptanoyl Chloride*	41405-35-0	0.01
282	7-H-Perfluoroheptanoate*	69681-35-2	0.01
283	7H-Perfluoroheptanoyl Iodide*	137741-05-0	0.01
284	7H-Perfluoroheptanoyl Bromide*	141893-84-7	0.01
285	2H,2H-Perfluoro decane carboxylate (H2PFDA)	27854-31-5	0.01
286	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate*	882489-14-7	0.01
287	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	0.01
288	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecanesulphonyl chloride*	27619-90-5	0.01
289	8:2 Fluorotelomer sulfonate sodium salt*	27619-96-1	0.01
290	8:2 Fluorotelomer sulfonate ammonium salt*	149724-40-3	0.01
291	Potassium 2-(perfluorooctyl)ethane-1-sulfonate*	438237-73-1	0.01
292	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
293	1H,1H,2H,2H-Perfluorododecanesulfonic acid (10:2 FTS)	120226-60-0	0.01
294	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
295	Sodium 1H,1H,2H,2H-perfluorododecanesulfonate (10:2)*	108026-35-3	0.01
296	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4	0.01
297	4:2 Fluorotelomer sulfonate sodium*	27619-93-8	0.01
298	3,3,4,4,5,5,6,6,6-Nonafluorohexane-1-sulphonyl chloride*	65702-23-0	0.01
299	4:2 Fluorotelomer sulfonate*	414911-30-1	0.01
300	N-(Perfluoro-1-octanesulfonyl) Glycine	2806-24-8	0.01



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301	N-[(Perfluorooctyl)Sulfonyl]Glycine Sodium Salt (1:1)*	115716-87-5	0.01
302	N-[(Perfluorooctyl)Sulfonyl]Glycinate*	909405-47-6	0.01
303	N-Methylperfluoro-1-octanesulfonamidoacetic Acid	2355-31-9	0.01
304	Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate*	70281-93-5	0.01
305	Cyclo-hexachloro(N-methyl-(N-(perfluorooctylsulphonyl) glycinato-O1:O1'))dihydroxytrichromium*	97298-47-0	0.01
306	2-(N-Methylperfluorooctanesulfonamido) acetate*	909405-48-7	0.01
307	N-Ethyl-N-(perfluoro-1-octanesulfonyl) Glycine	2991-50-6	0.01
308	Potassium N-ethyl-N-((heptadecafluorooctyl) sulphonyl) glycinate*	2991-51-7	0.01
309	Ammonium 2-(N-ethylperfluorooctanesulfonamido) acetate*	2991-52-8	0.01
310	Sodium 2-(N-ethylperfluorooctanesulfonamido) acetate*	3871-50-9	0.01
311	Diaquatetrachloro[μ-[N-ethyl-N-[(perfluorooctyl) sulfonyl] glycinato-O1:O1']]μ-hydroxybis[2-methylpropanol] dichromium*	68891-96-3	0.01
312	2-(N-Ethyl-perfluorooctanesulfonamido)acetate*	909405-49-8	0.01
313	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid	13252-13-6	0.01
314	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride*	2062-98-8	0.01
315	Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propanoate (HFPO-DA-NH ₄)*	62037-80-3	0.01
316	potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate*	67118-55-2	0.01
317	Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67963-75-1	0.01
318	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-*	75579-39-4	0.01
319	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-*	75579-40-7	0.01
320	Perfluoro(2-propoxypropanoate)*	122499-17-6	0.01
321	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid--N-propylpropan-1-amine (1/1)*	165951-17-7	0.01
322	Triethylammonium perfluoro-2-propoxypropanoate*	165951-18-8	0.01
323	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3-tetrafluoro -2-(heptafluoropropoxy)propanoate*	298703-31-8	0.01
324	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
325	Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl) ethyl) hydrogen phosphate*	57677-97-1	0.01
326	Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt*	93776-20-6	0.01
327	Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate*	114519-85-6	0.01
328	8:2 Fluorotelomer phosphate diester ion (1-)*	1411713-91-1	0.01
329	Perfluoroheptane-1-sulfinic acid	769067-51-8	0.01
330	Perfluoroheptanesulfinate Na-salt*	68555-66-8	0.01
331	Perfluorooctadecanoic Acid (PFODA)	16517-11-6	0.01
332	Perfluorooctadecanoate anion*	798556-82-8	0.01
333	Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	0.01
334	Hentriacontfluorohexadecanoate anion*	1214264-30-8	0.01
335	Perfluorononanesulfonic acid (PFNS)	68259-12-1	0.01
336	Ammonium nonadecafluorononanesulphonate*	17202-41-4	0.01
337	Perfluorononanesulfonate potassium*	29359-39-5	0.01
338	Nonadecafluorononanesulfonyl Fluoride*	68259-06-3	0.01
339	Sodium perfluoro-1-nonanesulfonate*	98789-57-2	0.01
340	Perfluorononanesulfonate*	474511-07-4	0.01
341	Perfluorododecanesulfonic acid (PFDoDS)	79780-39-5	0.01
342	Potassium perfluorododecanesulfonate*	85187-17-3	0.01
343	Perfluorododecanesulfonate*	343629-43-6	0.01
344	Sodium perfluoro-1-dodecanesulfonate*	1260224-54-1	0.01
345	3-Perfluoropentyl propanoic acid (5:3 FTCA)	914637-49-3	0.01
346	2H,2H,3H,3H-Perfluorooctanoate*	1799325-94-2	0.01
347	Mono[2-(perfluorohexyl)ethyl] phosphate	57678-01-0	0.01
348	Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate*	2353-52-8	0.01
349	2-(Perfluorohexyl)ethanol dihydrogen phosphate bis(2-hydroxyethyl) amine*	57678-02-1	0.01



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350	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt*	92401-44-0	0.01
351	Sodium 1H,1H,2H,2H-perfluorooctylphosphate*	144965-22-0	0.01
352	Monopotassium monoperfluorohexyl ethylphosphate*	150033-28-6	0.01
353	Diammonium 6:2 fluorotelomer phosphate monoester*	1000852-37-8	0.01
354	Bis[2-(perfluorohexyl)ethyl]phosphate	57677-95-9	0.01
355	Ammonium bis[2-(perfluorohexyl)ethyl] phosphate*	1764-95-0	0.01
356	Sodium bis[2-(perfluorohexyl)ethyl] phosphate*	407582-79-0	0.01
357	Bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphate ion(1-)*	667465-18-1	0.01
358	Perfluorooctylphosphonic acid	40143-78-0	0.01
359	(Heptadecafluorooctyl)phosphonic acid--4-methylaniline (1/1)*	1263361-03-0	0.01
360	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	919005-14-4	0.01
361	Ammonium 4,8-dioxa-3H-perfluorononanoate*	958445-44-8	0.01
362	Potassium 2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy) propoxy]propanoate*	1087271-46-2	0.01
363	2,2,3-Trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy) propoxy]propanoate*	2127366-90-7	0.01
364	Sodium 4,8-dioxa-3H-perfluorononanoate*	2250081-67-3	0.01
365	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	0.01
366	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate*	73606-19-6	0.01
367	Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfonate*	1383434-28-3	0.01
368	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	0.01
369	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate*	83329-89-9	0.01
370	2H,2H-Perfluorooctanoic acid (6:2 FTCA)	53826-12-3	0.01
371	2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	0.01
372	2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	0.01
373	Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	0.01
374	Potassium perfluoropentanesulfonate*	3872-25-1	0.01
375	Ammonium perfluoropentanesulfonate*	68259-09-6	0.01
376	Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	70225-17-1	0.01
377	Triethylammonium perfluoropentane sulfonate*	72033-42-2	0.01
378	Perfluoropentanesulfonate*	175905-36-9	0.01
379	Sodium perfluoropentanesulfonate*	630402-22-1	0.01
380	Lithium perfluoropentane sulfonate*	1046864-81-6	0.01
381	Perfluoropentadecanoic acid (PFPeDA)	141074-63-7	0.01
382	Nonacosafuoropentadecanoate*	1214264-29-5	0.01
383	Perfluoro-1-tridecanesulfonic acid (PFTrDS)	791563-89-8	0.01
384	Sodium Perfluorotridecanesulfonate*	174675-49-1	0.01
385	Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	0.01
386	N-Ethyl-Perfluorohexanesulfamoylethanol (N-Et-FHxSE)	34455-03-3	0.01
387	N-Methyl-Perfluorohexanesulfamide (N-Me-FHxSA)	68259-15-4	0.01
388	N-Methyl-Perfluorohexanesulfamoylethanol (N-Me-FHxSE)	68555-75-9	0.01
389	Perfluoroundecane sulfonic acid (PFUnDS)	749786-16-1	0.01
390	Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	0.01
391	Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	0.01
392	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	0.01
393	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	113507-82-7	0.01
394	3-Perfluoroheptyl propanoic acid (7:3 FTCA)	812-70-4	0.01
395	10:2 Fluorotelomerphosphatemonoester (10:2 monoPAP)	57678-05-4	0.1
396	10:2 Fluorotelomer diammonium dihydrogen phosphate*	93857-45-5	0.1
397	10:2 Fluorotelomerphosphatediester (10:2 diPAP)	1895-26-7	0.1
398	Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol*	57677-98-2	0.1
399	Ammonium bis((perfluorodecyl)ethyl) phosphate*	93776-21-7	0.1
400	Pentafluoropropionic acid (PFPrA)	422-64-0	0.1
401	Potassium perfluoropropanoate*	378-76-7	0.1



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Tests Conducted

402	Sodium perfluoropropanoate*	378-77-8	0.1
403	Silver pentafluoropropionate*	509-09-1	0.1
404	Ammonium pentafluoropropionate*	2730-58-7	0.1
405	Pentafluoropropanoic acid--1-phenylpiperazine (1/1)*	893-87-8	0.1
406	Pentafluoropropanoic acid--piperazine (1/1)*	1690-94-4	0.1
407	Perfluoropropanoate*	44864-55-3	0.1
408	Imidazole perfluoropropionic acid salt*	200705-90-4	0.1
409	Mono[2-(perfluorooctyl)ethyl]phosphate (8:2 MonoPAP)	57678-03-2	0.1
410	8:2 Fluorotelomer diammonium phosphate*	93857-44-4	0.1
411	Sodium 1H,1H,2H,2H-perfluorodecylphosphate*	130771-95-8	0.1
412	Disodium 1H,1H,2H,2H-perfluorodecylphosphate*	438237-75-3	0.1
413	1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	0.1
414	1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)	27905-45-9	0.1
415	1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	0.1
416	1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	0.1
417	1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	0.1
418	1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	0.1
419	1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	0.1
420	1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	0.1
421	1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	0.1
422	Methyl perfluorooctanoate (Me-PFOA)	376-27-2	0.1
423	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	0.1
424	1-Iodoperfluorooctane (PFOI)	507-63-1	0.1
425	1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	0.1
426	1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4	0.1
427	1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide	34454-97-2	0.1
428	1H,1H,2H,2H-Perfluorohexyl methacrylate (4:2 FTMA)	1799-84-4	0.1
429	1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	0.1
430	1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1	0.1
431	1H,1H,2H,2H-Perfluorotetradecanol (12:2 FTOH)	39239-77-5	0.1
432	1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	0.1
433	Perfluorodecyl iodide (PFDI)	423-62-1	0.1
434	Perfluorododecyl iodide (PFDdI)	307-60-8	0.1
435	1H,1H-Pentadecafluorooctylacrylate (7:1 FTA)	307-98-2	0.1
436	1H,1H-Perfluoro-1-octanol (7:1 FTOH)	307-30-2	0.1
437	1H,1H-Perfluorooctylamine	307-29-9	0.1
438	1H,1H,2H-Perfluoro-1-decene (8:2 FTO)	21652-58-4	0.1
439	3-Perfluoropropyl propanoic acid (3:3 FTCA)	356-02-5	0.1

Date Sample Received: 08 Oct, 2024

Testing Period: 08 Oct, 2024 To 16 Oct, 2024



Test Report

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Tests Conducted

2 DecaBDE, PIP(3:1), PCTP and HCBBD Content

By solvent extraction, followed by Gas Chromatography Mass Spectrometric (GC/MS).

<u>Test Item</u>	<u>CAS No</u>	<u>Result (%)</u>	<u>Limit (%)</u>
Decabromodiphenyl ether (DecaBDE)	1163-19-5	ND	ND
Phenol, isopropylated phosphate (3:1) [PIP (3:1)]	68937-41-7	ND	ND
Pentachlorothiophenol (PCTP)	133-49-3	ND	1
Hexachlorobutadiene (HCBBD)	87-68-3	ND	ND

The limit were quoted according to US EPA 40 CFR 751 Subpart E Persistent, Bioaccumulative and Toxic Chemicals for DecaBDE, PIP(3:1), PCTP and HCBBD content requirements.

Remark: ND = Not detected (less than reporting limit)
Reporting Limit = 0.005%

Date Sample Received: 08 Oct, 2024
Testing Period: 08 Oct, 2024 To 17 Oct, 2024

3 2,4,6-TTBP Content

By solvent extraction, followed by Gas Chromatography Mass Spectrometric (GC/MS).

<u>Test Item</u>	<u>CAS No</u>	<u>Result (%)</u>	<u>Limit (%)</u>
2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)	732-26-3	ND	0.3

The limit was quoted according to US EPA 40 CFR 751 Subpart E Persistent, Bioaccumulative and Toxic Chemicals for 2,4,6-TTBP content requirement.

Remark: ND = Not detected (less than reporting limit)
Reporting Limit = 0.005%

Date Sample Received: 08 Oct, 2024
Testing Period: 08 Oct, 2024 To 17 Oct, 2024



Test Report

Number: SHAH01743964

Tests Conducted

4 **Flame Retardants Content**

By solvent extraction and Liquid Chromotography Mass Spectrometry (LC/MS) analysis.

<u>Tested Compound</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
Tris(2-chloroethyl) phosphate (TCEP)	ND	ND
Tris(1,3-dichloroisopropyl) phosphate (TDCPP)	ND	ND
Tris(2,3-dibromopropyl) phosphate (TDBPP)	ND	ND

Remark: The above California limit was quoted from the Consent Judgment No. RG-753975 settled by superior court of the State of California for the county of Alameda for (Flame retardants) Tents fabric including tents, shelters, gazebos, play structures such as tunnels and parachutes, sleeping bags/pads, and chairs/cots) based on the California Proposition 65.

ND = Not detected
Detected Limit = 5 ppm
ppm = Parts per Million = mg/kg

Date Sample Received: 08 Oct, 2024

Testing Period: 08 Oct, 2024 To 17 Oct, 2024

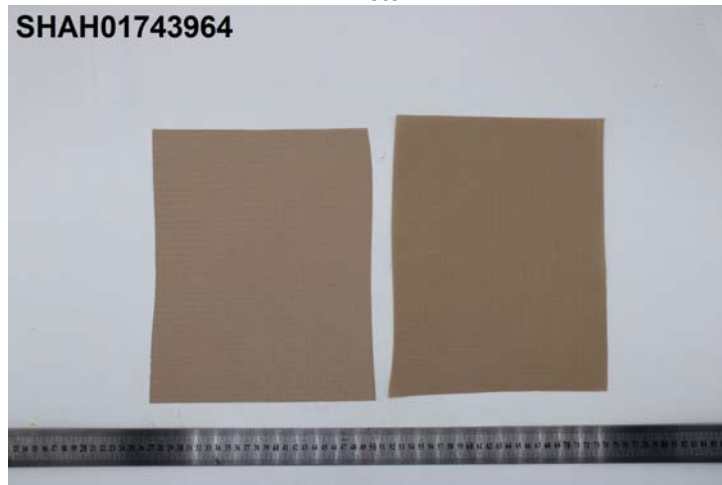


Test Report

Number: SHAH01743964

Tests Conducted

Photo



End Of Report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Wuxi Ltd.

