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ENVIRONMENTAL

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**Olefines**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15665.7-50-ME	Perfluorohept-1-ene	Perfluoro-1-heptene	355-63-5	50 µg/mL	methanol

**Telomeric olefines**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15585.8-50-ME	1H,1H,2H-Perfluoro-1-octene	(Perfluorohexyl) ethene	25291-17-2	50 µg/mL	methanol
15586.10-50-ME	1H,1H,2H-Perfluoro-1-decene	(Perfluorooctyl) ethene	21652-58-4	50 µg/mL	methanol
15755.12-50-ME	1H,1H,2H-Perfluoro-1-dodecene	(Perfluorodecyl) ethylene	30389-25-4	50 µg/mL	methanol
15678.14-50-ME	1H,1H,2H-Perfluoro-1-tetradecene	(Perfluorododecyl) ethylene	67103-05-3	50 µg/mL	methanol
15668.16-50-ME	1H,1H,2H-Perfluoro-1-hexadecene	Perfluorotetradecyl ethylene	104564-28-5	50 µg/mL	methanol

## Carboxylic acids and salts

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15118.2-50-ME	Perfluoroethanoic acid	PFEA; TFA	76-05-1	50 µg/mL	MeOH with 4 mole eq. NaOH
15141.2-100-ME	Trifluoroacetate-1-13C, sodium salt	TFA-13C1	286425-32-9	100 µg/mL	methanol
2190.3-50-ME	Perfluoropropionic acid, sodium salt	PFPrA-Na; Pentafluoropropionic acid sodium salt	378-77-8	50 µg salt/mL	methanol
2810.4-50-ME	Perfluorobutyric acid	PFBA; Heptafluorobutyric acid	375-22-4	50 µg/mL	MeOH with 4 mole eq. NaOH
2189.4-50-ME	Perfluorobutyric acid, sodium salt	PFBA-Na; Heptafluorobutyric acid sodium salt	2218-54-4	50 µg conj. base/mL	methanol
2819.5-50-ME	<i>n</i> -Perfluoropentanoic acid	PFPA; <i>n</i> -Nonafluoropentanoic acid	2706-90-3	50 µg/mL	MeOH with 4 mole eq. NaOH
2590.6-50-ME	Perfluorohexanoic acid	PFHxA	307-24-4	50 µg/mL	MeOH with 4 mole eq. NaOH
2821.7-50-ME	<i>n</i> -Perfluoroheptanoic acid	PFHpA	375-85-9	50 µg/mL	MeOH with 4 mole eq. NaOH
2820.7-50-ME	Perfluorocyclohexanecarboxylic acid	PFCyHxA	374-88-9	50 µg/mL	MeOH with 4 mole eq. NaOH
2042.8-10-AN	<i>n</i> -Perfluorooctanoic acid	PFOA	335-67-1	10 µg/mL	acetonitrile
2042.8-100-AN	<i>n</i> -Perfluorooctanoic acid	PFOA	335-67-1	100 µg/mL	acetonitrile
2042.8-10-ME	<i>n</i> -Perfluorooctanoic acid	PFOA	335-67-1	10 µg/mL	MeOH with 4 mole eq. NaOH
2042.8-50-ME	<i>n</i> -Perfluorooctanoic acid	PFOA	335-67-1	50 µg/mL	MeOH with 4 mole eq. NaOH
2822.8-50-ME	<i>n</i> -Perfluorooctanoic acid, ammonium salt	PFOA-NH4	3825-26-1	50 µg salt/mL	methanol
2191.8-50-ME	Perfluorooctanoic acid, sodium salt	PFOA-Na	335-95-5	50 µg salt/mL	methanol
2715.9-50-ME	Perfluorononanoic acid	PFNA	375-95-1	50 µg/mL	MeOH with 4 mole eq. NaOH
2832.9-50-ME	Perfluoro-3,5,5-trimethylhexanoic acid	PF3,5,5TriMeHxA	238403-51-5	50 µg/mL	MeOH with 4 mole eq. NaOH
2823.10-50-ME	<i>n</i> -Perfluorodecanoic acid	PFDA	335-76-2	50 µg/mL	MeOH with 4 mole eq. NaOH
2824.10-50-ME	Perfluoro-3,7-dimethyloctanoic acid	PF3,7DiMeOA	172155-07-6	50 µg/mL	MeOH with 4 mole eq. NaOH
2874.11-50-ME	Perfluoroundecanoic acid, <i>n</i> -isomer (major)	PFUndA	2058-94-8	50 µg/mL	MeOH with 4 mole eq. NaOH
2826.12-50-ME	<i>n</i> -Perfluorododecanoic acid	PFDodA	307-55-1	50 µg/mL	MeOH with 4 mole eq. NaOH
11367.13-50-ME	Perfluorotridecanoic acid, <i>n</i> -isomer (major)	PFTrDA; PFTriDA	72629-94-8	50 µg/mL	MeOH with 4 mole eq. NaOH
16021.13-50-ME	<i>n</i> -Perfluorotridecanoic acid	PFTrDA; PFTriDA	72629-94-8	50 µg/mL	MeOH with 4 mole eq. NaOH
2827.14-50-ME	Perfluorotetradecanoic acid, <i>n</i> -isomer (major)	PFTedA	376-06-7	50 µg/mL	MeOH with 4 mole eq. NaOH
15262.15-50-ME	Perfluoropentadecanoic acid	PFPeDA	141074-63-7	50 µg/mL	MeOH with 4 mole eq. NaOH
2828.16-50-ME	Perfluorohexadecanoic acid	PFHxdA	67905-19-5	50 µg/mL	MeOH with 4 mole eq. NaOH
2829.18-50-ME	Perfluorooctadecanoic acid	PFOdA	16517-11-6	50 µg/mL	MeOH with 4 mole eq. NaOH

**Dicarboxylic acids**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15379.9-50-ME	Perfluorononanedioic acid	Tetradecafluoroazelaic acid	23453-64-7	50 µg/mL	MeOH with 4 mole eq. NaOH
15380.12-50-ME	Perfluorododecanedioic acid	Eicosafluorododecanedioic acid	865-85-0	50 µg/mL	MeOH with 4 mole eq. NaOH

**Carboxylic esters**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15684.11-50-ME	Dimethyl perfluoroazelate		22116-90-1	50 µg/mL	methanol
15682.8-50-AN	Butyl perfluorobutanoate	Butyl perfluorobutyrate	1559-07-5	50 µg/mL	acetonitrile
15689.8-50-ME	Methyl perfluoroheptanoate		14312-89-1	50 µg/mL	methanol
12744.9-50-ME	Methyl perfluorooctanoate		376-27-2	50 µg/mL	methanol
12745.10-50-AN	Ethyl perfluorooctanoate		3108-24-5	50 µg/mL	acetonitrile
15688.11-50-ME	Methyl perfluorodecanoate		307-79-9	50 µg/mL	methanol
15686.14-50-AN	Ethyl perfluorododecanoate	Tricosafluorododecanoic acid ethyl ester	158607-41-1	50 µg/mL	acetonitrile

**Telomeric carboxylic esters**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15574.8-50-ME	Ethyl 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoroheptanoate		2338-77-4	50 µg/mL	methanol

**Telomeric acids, FTCAs**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15034.8-50-ME	2H,2H-Perfluorooctanoic acid	6:2 FTCA; H2PFOA	53826-12-3	50 µg/mL	MeOH with 4 mole eq. NaOH
8548.10-50-ME	2H,2H-Perfluorodecanoic acid	8:2 FTCA; H2PFDA	27854-31-5	50 µg/mL	MeOH with 4 mole eq. NaOH
8547.11-50-ME	2H,2H,3H,3H-Perfluoroundecanoic acid	8:3 FTCA; H4PFUnA; H-PFUdA	34598-33-9	50 µg/mL	MeOH with 4 mole eq. NaOH
15619.12-50-ME	2H,2H,3H,3H-Perfluorododecanoic acid	10:2 FTCA; FDEA	53826-13-4	50 µg/mL	MeOH with 4 mole eq. NaOH
2830.6-50-ME	2H,2H,3H,3H-Perfluorohexanoic acid	3:3 FTCA	356-02-5	50 µg/mL	MeOH with 4 mole eq. NaOH
14847.8-50-ME	2H,2H,3H,3H-Perfluorooctanoic acid	5:3 FTCA	914637-49-3	50 µg/mL	MeOH with 4 mole eq. NaOH
2831.9-50-ME	2H,2H,3H,3H-Perfluorononanoic acid	6:3 FTCA	27854-30-4	50 µg/mL	MeOH with 4 mole eq. NaOH
15417.10-50-ME	2H,2H,3H,3H-Perfluorodecanoic acid	7:3 FTCA; FHpPA	812-70-4	50 µg/mL	MeOH with 4 mole eq. NaOH

**Unsaturated telomeric acid, FTUCAs and unsaturated acids**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14801.6-50-ME	4,5,5,5-Tetrafluoro-4-(trifluoromethyl)-2-pentenoic acid	FTMeUPA	243139-64-2	50 µg/mL	MeOH with 4 mole eq. NaOH
14802.6-50-ME	4-(Trifluoromethylhexafluoro)-2-pentenoic acid	PFMMeUPA	239795-58-5	50 µg/mL	MeOH with 4 mole eq. NaOH
2833.6-50-ME	2H,3H-Perfluoro-2-hexenoic acid	3:3 FTUCA; 3:3 fluorotelomer unsaturated carboxylic acid	37759-76-5	50 µg/mL	MeOH with 4 mole eq. NaOH
15264.8-50-ME	2H-Perfluoro-2-octenoic acid	6:2 FTUCA; 6:2 fluorotelomer unsaturated carboxylic acid	70887-88-6	50 µg/mL	MeOH with 4 mole eq. NaOH
14173.10-50-ME	2H-Perfluoro-2-decenoic acid	8:2 FTUCA; 8:2 fluorotelomer unsaturated carboxylic acid	70887-84-2	50 µg/mL	MeOH with 4 mole eq. NaOH
14474.12-50-ME	2H-Perfluoro-2-dodecenoic acid	10:2 FTUCA; 10:2 fluorotelomer unsaturated carboxylic acid	70887-94-4	50 µg/mL	MeOH with 4 mole eq. NaOH

**XH perfluorocarboxylic acids**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15050.2-50-ME	2H-Perfluoroethanoic acid	2H PFEA; HPETBA; 2H-Difluoroethanoic acid	381-73-7	50 µg/mL	MeOH with 4 mole eq. NaOH
15051.3-50-ME	3H-Perfluoropropanoic acid	3H PFPrA; HPFPrA; 3H-Tetrafluoropropanoic acid	756-09-2	50 µg/mL	MeOH with 4 mole eq. NaOH
15052.4-50-ME	4H-Perfluorobutanoic acid	4H PFBA; HPFBA; 4H-Hexafluorobutanoic acid	679-12-9	50 µg/mL	MeOH with 4 mole eq. NaOH
2834.5-50-ME	5H-Perfluoropentanoic acid	5H PFPeA; HPFPeA; 5H-Octafluoropentanoic acid	376-72-7	50 µg/mL	MeOH with 4 mole eq. NaOH
2835.7-50-ME	7H-Perfluoroheptanoic acid	7H PFHPA; HPFHpA	1546-95-8	50 µg/mL	MeOH with 4 mole eq. NaOH
15053.8-50-ME	8H-Perfluorooctanoic acid	8H PFOA; HPFOA	13973-14-3	50 µg/mL	MeOH with 4 mole eq. NaOH
2836.9-50-ME	9H-Perfluorononanoic acid	9H PFNA; HPFNA	76-21-1	50 µg/mL	MeOH with 4 mole eq. NaOH
2825.11-50-ME	11H-Perfluoroundecanoic acid	11H PFUndA; HPFUndA	1765-48-6	50 µg/mL	MeOH with 4 mole eq. NaOH

**XH perfluorosulfonates**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15744.4-50-ME	1,1,2,2,3,3,4,4-Octafluorobutane-1-sulphonic acid		70259-86-8	50 µg/mL	methanol

## Telomeric alcohols

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14416.2-50-ME	2,2,2-Trifluoroethanol	1:1 FTOH	75-89-8	50 µg/mL	methanol
14829.3-50-ME	2,2-Difluoropropan-1-ol	3H,3H,3H 2:1 FTOH	33420-52-9	50 µg/mL	methanol
14828.3-50-ME	3,3,3-Trifluoropropan-1-ol	1:2 FTOH	2240-88-2	50 µg/mL	methanol
14827.3-50-ME	2,2,3,3,3-Pentafluoropropan-1-ol	2:1 FTOH	422-05-9	50 µg/mL	methanol
14831.4-50-ME	1H,1H,2H,2H,3H,3H-Perfluorobutan-1-ol	1:3 FTOH	461-18-7	50 µg/mL	methanol
2839.4-50-ME	1H,1H,2H,2H-Perfluorobutan-1-ol	2:2 FTOH	54949-74-5	50 µg/mL	methanol
14830.4-50-ME	1H,1H-Perfluorobutan-1-ol	3:1 FTOH	375-01-9	50 µg/mL	methanol
8802.6-50-ME	1H,1H,2H,2H-Perfluorohexan-1-ol	4:2 FTOH	2043-47-2	50 µg/mL	methanol
2841.6-50-ME	1H,1H,2H,2H,3H,3H-Perfluorohexan-1-ol	3:3 FTOH	679-02-7	50 µg/mL	methanol
2842.6-50-ME	1H,1H-Perfluorohexan-1-ol	5:1 FTOH	423-46-1	50 µg/mL	methanol
15708.7-50-ME	1H,1H,2H,2H-Perfluoroheptan-1-ol	5:2s FTOH	185689-57-0	50 µg/mL	methanol
2843.7-50-ME	1H,1H-Perfluoroheptan-1-ol	6:1 FTOH	375-82-6	50 µg/mL	methanol
2147.8-50-ME	1H,1H,2H,2H-Perfluorooctan-1-ol	6:2 FTOH	647-42-7	50 µg/mL	methanol
2145.8-10-ME	1H,1H-Perfluorooctan-1-ol	7:1 FTOH	307-30-2	10 µg/mL	methanol
2145.8-50-ME	1H,1H-Perfluorooctan-1-ol	7:1 FTOH	307-30-2	50 µg/mL	methanol
15741.9-50-ME*	1H,1H,2H,2H-Perfluorooctan-1-ol	7:2s FTOH	755-02-2	50 µg/mL	methanol
2844.9-50-ME	1H,1H,2H,2H,3H,3H-Perfluorononan-1-ol	6:3 FTOH	80806-68-4	50 µg/mL	methanol
2847.9-50-ME	1H,1H,2H,2H-Perfluoro-7-methyloctan-1-ol	7Me 6:1 FTOH	20015-46-7	50 µg/mL	methanol
2846.9-50-ME	1H,1H,9H-Perfluorononan-1-ol	9H 8:1 FTOH	376-18-1	50 µg/mL	methanol
2845.9-50-ME	1H,1H-Perfluorononan-1-ol	8:1 FTOH	423-56-3	50 µg/mL	methanol
15549.9-50-ME	1H,1H,1H,2H-Perfluorononan-2-ol	7:2 FTOH	24015-83-6	50 µg/mL	methanol
2851.10-50-ME	1H,1H,10H,10H-Perfluoro-1,10-decanediol	1:8:1 FTdiOH	754-96-1	50 µg/mL	methanol
2849.10-50-ME	1H,1H,2H,2H-Perfluorodecan-1-ol	8:2 FTOH	678-39-7	50 µg/mL	methanol
2848.10-50-ME	1H,1H-Perfluorodecan-1-ol	9:1 FTOH	307-37-9	50 µg/mL	methanol
2850.10-50-ME	1H,1H-Perfluoro-3,7-dimethyloctan-1-ol	3,7DiMe 7:1 FTOH	232587-50-7	50 µg/mL	methanol
2854.11-50-ME	1H,1H,2H,2H-Perfluoro-9-methyldecan-1-ol	9Me 8:2 FTOH	31200-98-3	50 µg/mL	methanol
2853.11-50-ME	1H,1H,11H-Perfluoroundecan-1-ol	11H 10:1 FTOH	307-70-0	50 µg/mL	methanol
2852.11-50-ME	1H,1H-Perfluoroundecan-1-ol	10:1 FTOH	307-46-0	50 µg/mL	methanol
2767.12-50-ME	1H,1H,2H,2H-Perfluorododecan-1-ol	10:2 FTOH	865-86-1	50 µg/mL	methanol
15557.14-50-IO	1H,1H,2H,2H-Perfluorododecyl acetate	10:2 FTOAc	37858-05-2	50 µg/mL	isooctane
3821.13-50-ME	1H,1H,13H-Perfluorotridecan-1-ol	13H 12:1 FTOH	423-72-3	50 µg/mL	methanol
12220.14-50-ME	1H,1H,2H,2H-Perfluorotetradecan-1-ol	12:2 FTOH	39239-77-5	50 µg/mL	methanol
2855.14-50-ME	1H,1H-Perfluorotetradecan-1-ol	13:1 FTOH	15622-57-8	50 µg/mL	methanol
2856.16-50-ME	1H,1H-Perfluorohexadecan-1-ol	15:1 FTOH	216144-94-4	50 µg/mL	methanol
2857.18-50-ME	1H,1H-Perfluorooctadecan-1-ol	17:1 FTOH	242142-82-1	50 µg/mL	methanol

\* Minimum order of 5 required

**Halogenides (iodides)**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15677.3-50-AN	Perfluoropropyl iodide	Heptafluoropropyl iodide; 66409; R21711	754-34-7	50 µg/mL	acetonitrile
15670.4-50-AN	Perfluorobutyl iodide	Nonafluoro- <i>n</i> -butyl iodide	423-39-2	50 µg/mL	acetonitrile
15676.5-50-AN	Perfluoropentyl iodide	Perfluoroamyl iodide	638-79-9	50 µg/mL	acetonitrile
15583.6-50-ME	Perfluorohexyl iodide	Tridecafluorohexyl iodide	355-43-1	50 µg/mL	methanol
15671.7-50-AN	Perfluoro- <i>n</i> -heptyl iodide	Perfluoro-1-iodoheptane	335-58-0	50 µg/mL	acetonitrile
15673.8-50-AN	Perfluorooctyl iodide	Heptadecafluoro-1-iodooctane; Telomer AN	507-63-1	50 µg/mL	acetonitrile
15582.12-50-ME	Perfluorododecyl iodide	Pentacosafuorododecyl iodide	307-60-8	50 µg/mL	methanol

**Telomeric halogenides (iodides)**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15669.6-50-AN	1H,1H,2H,2H-Perfluorohexyl iodide	4:2 Fluorotelomer iodide; 4:2 FTI; Perfluorobutylethyl iodide	2043-55-2	50 µg/mL	acetonitrile
15584.8-50-ME	1H,1H,2H,2H-Perfluorooctyl iodide	6:2 Fluorotelomer iodide; 6:2 FTI; Perfluorohexylethyl iodide	2043-57-4	50 µg/mL	methanol
15666.10-50-AN	1H,1H,2H,2H-Perfluorodecyl iodide	8:2 Fluorotelomer iodide; 8:2 FTI; Perfluorooctylethyl iodide	2043-53-0	50 µg/mL	acetonitrile
15480.12-50-ME	1H,1H,2H,2H-Perfluorododecyl iodide	10:2 Fluorotelomer iodide; 10:2 FTI; Perfluorodecylethyl iodide	2043-54-1	50 µg/mL	methanol
10114.14-50-ME	1H,1H,2H,2H-Perfluorotetradecyl iodide	12:2 Fluorotelomer iodide; 12:2 FTI; Perfluorolaurylethyl iodide	30046-31-2	50 µg/mL	methanol

**Ethers**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15681.14-50-ME	2H-Perfluoro-5,8,11-trimethyl-3,6,9,12-tetraoxapentadecane	Du Pont E 4; Freon O4; E 4 (oxygenator)	26738-51-2	50 µg/mL	methanol
15692.6-50-ME	1H,1H,2'H-Perfluorodipropyl ether		1000-28-8	50 µg/mL	methanol
14513.5-50-ME	Trifluoro(heptafluoro-1-propoxy)ethylene	PPVE; Cheminox FPVE; Perfluoro(propylvinylether)	1623-05-8	50 µg/mL	methanol
14514.6-50-ME	1,1,2,2,3,3-Hexafluoro-1-(trifluoromethoxy)-3-[(1,2,2-trifluorovinyl)oxy]propane	MV 31	40573-09-9	50 µg/mL	methanol
14398.9-K-IO	2-Trifluoromethyl-3-ethoxydodecafluorohexane	Novac HFE 7500; HFE 7500	297730-93-9	1000 µg/mL	isooctane

**Telomeric alcohol internal standards**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
11202.6-50-ME	1D,1D,2H,2H-1-Hydroxyperfluorohexane	4:2 FTOH-d2	N/A	50 µg/mL	methanol
11203.8-50-ME	1D,1D,2H,2H-1-Hydroxyperfluorooctane	6:2 FTOH-d2	647-42-7 (unlabelled)	50 µg/mL	methanol

**Allylic alcohols telomers**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
2858.6-50-ME	1H,1H,2H,3H-Perfluorohex-2-en-1-ol	Allylic 3:3 FTOH	37759-88-9	50 µg/mL	methanol
2859.9-50-ME	1H,1H,2H,3H-Perfluoronon-2-en-1-ol (cis/trans isomer mix)	Allylic 6:3 FTOH	83707-01-1/83706-97-2 (cis/trans)	50 µg/mL	methanol

**Esters of telomeric alcohols including internal standards**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
10698.11-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -octyl acrylate	6:2 FTAC; 6:2 Perfluorotelomer acrylate; 6:2 FTO acrylate	17527-29-6	50 µg/mL	isooctane
10698.11-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -octyl acrylate	6:2 FTAC; 6:2 Perfluorotelomer acrylate; 6:2 FTO acrylate	17527-29-6	50 µg/mL	acetonitrile
11204.11-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -octyl acrylate-d3	6:2 FTAC-d3; 6:2 FTO acrylic acid-d3	17527-29-6 (unlabelled)	50 µg/mL	isooctane
11204.11-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -octyl acrylate-d3	6:2 FTAC-d3; 6:2 FTO acrylic acid-d3	17527-29-6 (unlabelled)	50 µg/mL	acetonitrile
9228.13-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -decyl acrylate	8:2 FTAC; 8:2 FTO acrylic acid; Repellion 120 C1	27905-45-9	50 µg/mL	isooctane
9228.13-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -decyl acrylate	8:2 FTAC; 8:2 FTO acrylic acid; Repellion 120 C1	27905-45-9	50 µg/mL	acetonitrile
9520.13-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -decyl acrylate-d3	8:2 FTAC-d3; 8:2 FTO acrylic acid-d3	N/A	50 µg/mL	isooctane
9520.13-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -decyl acrylate-d3	8:2 FTAC-d3; 8:2 FTO acrylic acid-d3	N/A	50 µg/mL	acetonitrile
10699.15-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -dodecyl acrylate	10:2 FTAC; 10:2 Fluorotelomer acrylate	17741-60-5	50 µg/mL	isooctane
10699.15-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -dodecyl acrylate	10:2 FTAC; 10:2 Fluorotelomer acrylate	17741-60-5	50 µg/mL	acetonitrile

**Esters of telomeric alcohols including internal standards**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
11205.15-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -dodecyl acrylate-d3	10:2 FTAC-d3; 10:2 FTO acrylic acid-d3	N/A	50 µg/mL	isooctane
11205.15-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -dodecyl acrylate-d3	10:2 FTAC-d3; 10:2 FTO acrylic acid-d3	N/A	50 µg/mL	acetonitrile
11206.12-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -octyl methacrylate	6:2 FTMAC; 6:2 FTO methacrylic acid	2144-53-8	50 µg/mL	isooctane
11206.12-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -octyl methacrylate	6:2 FTMAC; 6:2 FTO methacrylic acid	2144-53-8	50 µg/mL	acetonitrile
11207.12-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -octyl methacrylate-d5	6:2 FTMAC-d5; 6:2 FTO methacrylic acid-d5	2144-53-8 (unlabelled)	50 µg/mL	isooctane
11207.12-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -octyl methacrylate-d5	6:2 FTMAC-d5; 6:2 FTO methacrylic acid-d5	2144-53-8 (unlabelled)	50 µg/mL	acetonitrile
15687.13-50-AN	1H,1H,9H-Perfluorononyl methacrylate	1H,1H,9H-Hexadecafluorononyl methacrylate	1841-46-9	50 µg/mL	acetonitrile
9519.14-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -decyl methacrylate	8:2 FTMAC; 8:2 FTO methacrylic acid	1996-88-9	50 µg/mL	isooctane
9519.14-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -decyl methacrylate	8:2 FTMAC; 8:2 FTO methacrylic acid	1996-88-9	50 µg/mL	acetonitrile
9521.14-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -decyl methacrylate-d5	8:2 FTMAC-d5; 8:2 FTO methacrylic acid-d5	N/A	50 µg/mL	isooctane
9521.14-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -decyl methacrylate-d5	8:2 FTMAC-d5; 8:2 FTO methacrylic acid-d5	N/A	50 µg/mL	acetonitrile
11208.16-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -dodecyl methacrylate	10:2 FTMAC; 10:2 FTO methacrylic acid	2144-54-9	50 µg/mL	isooctane
11208.16-50-AN	1H,1H,2H,2H-Perfluoro- <i>n</i> -dodecyl methacrylate	10:2 FTMAC; 10:2 FTO methacrylic acid	2144-54-9	50 µg/mL	acetonitrile
11209.16-50-IO	1H,1H,2H,2H-Perfluoro- <i>n</i> -dodecyl methacrylate-d5	10:2 FTMAC-d5; 10:2 FTO methacrylic acid-d5	N/A	50 µg/mL	isooctane

**Aldehydes**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14898.7-50-ME	1H,7H-Perfluoroheptane-1,1-diol	1H,7H-Perfluoro-1-heptaldehyde hydrate	812-87-3	50 µg/mL	methanol

**Alkylamines**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15694.6-50-ME	1H,1H-Perfluorohexylamine		355-34-0	50 µg/mL	methanol

## Alkylamides

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15119.2-50-ME	Perfluoroethanamide	Trifluoroacetamide	354-38-1	50 µg/mL	methanol
15120.3-50-ME	Perfluoropropanamide	Pentafluoropropanamide	354-76-7	50 µg/mL	methanol
2837.4-50-ME	Perfluorobutyramide	Heptafluorobutyramide	662-50-0	50 µg/mL	methanol
15138.6-50-ME	Perfluorohexanamide	Undecafluorohexanamide	335-54-6	50 µg/mL	methanol
2838.8-50-ME	Perfluorooctanamide	Pentadecafluorooctanamide	423-54-1	50 µg/mL	methanol
15184.8-50-ME	Perfluorooctanamidine	Pentadecafluorooctanimidamide	307-31-3	50 µg/mL	methanol
15770.9-50-ME	<i>N</i> -[3 (Dimethylamino)propyl] perfluoro- <i>n</i> -butanamide		64790-29-0	50 µg/mL	methanol
15771.10-50-ME	<i>N</i> -[3-(Dimethylamino)propyl] perfluoro- <i>n</i> -pentanamide		153339-13-0	50 µg/mL	methanol

## Sulfonic acids

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15140.2-50-ME	Perfluoroethanesulfonic acid, potassium salt	PFES-K	2837-92-5	50 µg conj. base/mL	methanol
14849.3-50-ME	Perfluoropropanesulfonic acid, sodium salt	PFPrS-Na	359868-82-9	50 µg conj. base/mL	methanol
2041.4-10-ME	Perfluorobutanesulfonic acid	PFBS	375-73-5	10 µg/mL	methanol
2041.4-50-ME	Perfluorobutanesulfonic acid	PFBS	375-73-5	50 µg/mL	methanol
2719.4-50-ME	Perfluorobutanesulfonic acid, potassium salt	PFBS-K	29420-49-3	50 µg conj. base/mL	methanol
15263.5-50-ME	Perfluoropentanesulfonic acid	PFPeS	2706-91-4	50 µg/mL	methanol
14797.5-50-ME	Perfluoropentanesulfonic acid, sodium salt	PFPeS-Na	630402-22-1	50 µg conj. base/mL	methanol
8579.6-50-ME	Perfluorohexanesulfonic acid	PFHxS	355-46-4	50 µg/mL	methanol
8581.6-50-ME	Perfluorohexanesulfonic acid, potassium salt	PFHxS-K	3871-99-6	50 µg conj. base/mL	methanol
12433.7-50-ME	Perfluoroheptanesulfonic acid	PFHpS	375-92-8	50 µg/mL	methanol
11156.7-50-ME	Perfluoroheptanesulfonic acid, potassium salt	PFHpS-K	60270-55-5	50 µg conj. base/mL	methanol

## Sulfonic acids

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
12467.7-50-ME	Perfluoroheptanesulfonic acid, sodium salt	PFHpS-Na	21934-50-9	50 µg conj. base/mL	methanol
2037.8-50-ME	Perfluorooctanesulfonic acid, techn. isomer mixture	PFOS isomer mix.	1763-23-1 (for the <i>n</i> -isomer)	50 µg/mL	methanol
14862.8-50-ME	Perfluorooctanesulfonic acid, techn. isomer mixture, purified	PFOS isomer mix.	1763-23-1 (for the <i>n</i> -isomer)	50 µg/mL	methanol
14910.8-50-ME	Perfluorooctanesulfonic acid ( <i>n</i> -isomer enriched)	PFOS, <i>n</i> -isomer enriched	1763-23-1	50 µg/mL	methanol
14863.8-50-ME	<i>n</i> -Perfluorooctanesulfonic acid	PFOS	1763-23-1	50 µg/mL	methanol
2193.8-50-ME	Perfluorooctanesulfonic acid, potassium salt	PFOS-K	2795-39-3	50 µg conj. base/mL	methanol
14717.30-50-ME	Didecyltrimethylammonium perfluorooctane sulfonate	PFOS-N	251099-16-8	50 µg/mL	methanol
12746.9-50-ME	Methyl perfluorooctane sulfonate		71417-25-9	50 µg/mL	methanol
12747.10-50-ME	Ethyl perfluorooctane sulfonate		71417-26-0	50 µg/mL	methanol
2192.8-50-ME	Perfluoro-4-ethylcyclohexanesulfonic acid, potassium salt	PFECHS-K	335-24-0	50 µg conj. base/mL	methanol
14799.9-50-ME	Perfluorononanesulfonic acid, sodium salt	PFNS-Na	98789-57-2	50 µg conj. base/mL	methanol
11157.10-50-ME	Perfluorodecanesulfonic acid	PFDS	335-77-3	50 µg/mL	methanol
11309.10-50-ME	Perfluorodecanesulfonic acid, sodium salt	PFDS-Na	2806-15-7	50 µg conj. base/mL	methanol
14963.12-50-ME	Perfluorododecanesulfonic acid	PFDoDS	79780-39-5	50 µg/mL	methanol
14947.12-50-ME	Perfluorododecanesulfonic acid, sodium salt	PFDoDS-Na	1260224-54-1	50 µg conj. base/mL	methanol

## Methyl sulfonates and disulfonates

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15961.13-K-ME	1H,1H,2H,2H-Perfluoro (methanesulfonyl)dodecane	10:2 FTSO <sub>2</sub> Me; 10:2 Fluorotelomer methylsulfone	N/A	1000 µg/mL	methanol
15962.15-K-ME	1H,1H,2H,2H-Perfluoro (methanesulfonyl)tetradecane	12:2 FTSO <sub>2</sub> Me; 12:2 Fluorotelomer methylsulfone	N/A	1000 µg/mL	methanol
15963.13-K-ME	1H,1H,2H,2H-Perfluoro (chloromethanesulfonyl)dodecane	10:2 FTSO <sub>2</sub> MeCl; 10:2 Fluorotelomer chloromethylsulfone	N/A	1000 µg/mL	methanol
15964.15-K-ME	1H,1H,2H,2H-Perfluoro (chloromethanesulfonyl)tetradecane	12:2 FTSO <sub>2</sub> MeCl; 12:2 Fluorotelomer chloromethylsulfone	N/A	1000 µg/mL	methanol
15965.16-K-ME	Bis(6:2Perfluorooctyl)sulfone	Bis(6:2 FT)SO <sub>2</sub>	N/A	1000 µg/mL	methanol

**Telomeric sulfonic acid, FTSAs**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15137.4-50-ME	1H,1H,2H,2H-Perfluorobutanesulfonic acid	2:2 FTSA; 2:2-FtS	149246-63-9	50 µg/mL	methanol
12748.6-50-ME	1H,1H,2H,2H-Perfluorohexanesulfonic acid	4:2 FTSA; 4:2-FtS	757124-72-4	50 µg/mL	methanol
2559.8-50-ME	1H,1H,2H,2H-Perfluorooctanesulfonic acid	6:2 FTSA; 6:2-FtS	27619-97-2	50 µg/mL	methanol
12749.10-50-ME	1H,1H,2H,2H-Perfluorodecanesulfonic acid	8:2 FTSA; 8:2-FtS	39108-34-4	50 µg/mL	methanol
12750.12-50-ME	1H,1H,2H,2H-Perfluorododecanesulfonic acid	10:2 FTSA; 10:2-FtS	120226-60-0	50 µg/mL	methanol

**Sulfonamides**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15117.2-50-ME	Perfluoroethanesulfonamide	FESA	78491-70-0	50 µg/mL	methanol
15139.3-50-ME*	Perfluoropropansulfonamide	FPrSA	152894-03-6	50 µg/mL	methanol
14170.4-50-ME	<i>n</i> -Perfluorobutanesulfonamide	FBSA	30334-69-1	50 µg/mL	methanol
14902.6-50-ME	<i>n</i> -Perfluorohexanesulfonamide	FHSA	41997-13-1	50 µg/mL	methanol
14903.6-50-ME	Perfluorohexanesulfonamide, techn. Isomer mixture	FHSA	41997-13-1	50 µg/mL	methanol
2043.8-10-AN	Perfluorooctanesulfonamide, techn., <i>n</i> -isomer (major)	FOSA; PFOSA	754-91-6	10 µg/mL	acetonitrile
2043.8-50-AN	Perfluorooctanesulfonamide, techn., <i>n</i> -isomer (major)	FOSA; PFOSA	754-91-6	50 µg/mL	acetonitrile
2043.8-100-ME	Perfluorooctanesulfonamide, techn., <i>n</i> -isomer (major)	FOSA; PFOSA	754-91-6	100 µg/mL	methanol

\* Minimum order of 5 required

**Sulfonamides, *N*-methyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14171.5-50-ME	<i>N</i> -Methyl- <i>n</i> -perfluorobutanesulfonamide	MeFBSA	68298-12-4	50 µg/mL	methanol
14952.5-50-ME	<i>N</i> -Methyl- <i>n</i> -perfluorobutanesulfonamide-d3	MeFBSA-d3	N/A	50 µg/mL	methanol
14904.7-50-ME	<i>N</i> -Methyl- <i>n</i> -perfluorohexanesulfonamide	<i>N</i> -MeFHSA, <i>n</i> -isomer	68259-15-4	50 µg/mL	methanol
15037.7-50-ME	<i>N</i> -Methylperfluorohexanesulfonamide, isomer mixture	<i>N</i> -MeFHSA, isomer mixture	68259-15-4 as <i>n</i> -isomer	50 µg/mL	methanol
14905.7-50-ME	<i>N</i> -Methyl- <i>n</i> -perfluorohexanesulfonamide-d3	<i>N</i> -MeFHSA-d3, <i>n</i> -isomer	N/A	50 µg/mL	methanol
11932.9-50-AN	<i>N</i> -Methyl- <i>n</i> -perfluorooctanesulfonamide	<i>N</i> -MeFOSA, <i>n</i> -isomer	31506-32-8	50 µg/mL	acetonitrile
13580.9-50-AN	<i>N</i> -Methylperfluorooctanesulfonamide, isomer mix	<i>N</i> -MeFOSA, isomer mixture	N/A	50 µg/mL	acetonitrile
13260.9-50-AN	<i>N</i> -Methyl- <i>n</i> -perfluorooctanesulfonamide-d3	<i>N</i> -MeFOSA-d3, <i>n</i> -isomer	936109-37-4	50 µg/mL	acetonitrile
13579.9-50-AN	<i>N</i> -Methylperfluorooctanesulfonamide-d3, isomer mix	<i>N</i> -MeFOSA-d3, isomer mix	N/A	50 µg/mL	acetonitrile
13586.10-50-AN	<i>N,N</i> -Dimethyl- <i>n</i> -perfluorooctanesulfonamide	<i>N,N</i> -Me2FOSA, <i>n</i> -isomer	213181-78-3	50 µg/mL	acetonitrile

**Sulfonamides, *N*-ethyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14953.6-50-AN	<i>N</i> -Ethyl- <i>n</i> -perfluorobutanesulfonamide	<i>N</i> -EtFBSA	40630-67-9	50 µg/mL	acetonitrile
14954.6-50-AN	<i>N</i> -Ethyl- <i>n</i> -perfluorobutanesulfonamide-d5	<i>N</i> -EtFBSA-d5	N/A	50 µg/mL	acetonitrile
15809.6-50-ME	<i>N</i> -(2-Hydroxyethyl)perfluoro- <i>n</i> -butanesulfonamide	FBSAE	34454-99-4	50 µg/mL	methanol
14955.8-50-AN	<i>N</i> -Ethyl- <i>n</i> -perfluorohexanesulfonamide	<i>N</i> -EtFHSA	87988-56-5	50 µg/mL	acetonitrile
14956.8-50-AN	<i>N</i> -Ethyl- <i>n</i> -perfluorohexanesulfonamide-d5	<i>N</i> -EtFHSA-d5	N/A	50 µg/mL	acetonitrile
11933.10-50-AN	<i>N</i> -Ethyl- <i>n</i> -perfluorooctanesulfonamide	<i>N</i> -EtFOSA, <i>n</i> -isomer; Sulfluramid, <i>n</i> -isomer	4151-50-2	50 µg/mL	acetonitrile
13587.10-50-AN	<i>N</i> -Ethylperfluorooctanesulfonamide, isomer mix	<i>N</i> -EtFOSA, isomer mix; Sulfluramid, isomer mix	N/A	50 µg/mL	acetonitrile
13412.10-50-AN	<i>N</i> -Ethyl- <i>n</i> -perfluorooctanesulfonamide-d5	<i>N</i> -EtFOSA-d5, <i>n</i> -isomer; Sulfluramid-d5, <i>n</i> -isomer	936109-40-9	50 µg/mL	acetonitrile
13588.10-50-AN	<i>N</i> -Ethylperfluorooctanesulfonamide-d5, isomer mix	<i>N</i> -EtFOSA-d5, isomer mix; Sulfluramid-d5, isomer mix	936109-40-9 (for <i>n</i> -isomer)	50 µg/mL	acetonitrile

**Sulfonamides, N-propyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15551.11-50-AN	<i>N</i> -Propyl- <i>n</i> -perfluorooctanesulfonamide	<i>N</i> -PrFOSA, <i>n</i> -isomer	2266-83-3	50 µg/mL	acetonitrile
15699.11-50-AN	<i>N</i> -Propyl- <i>n</i> -perfluorooctanesulfonamide-d7	<i>N</i> -PrFOSA-d7, <i>n</i> -isomer	N/A	50 µg/mL	acetonitrile

**Sulfonamides, N-methyl, N-hydroxyethyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15253.7-50-AN	<i>N</i> -(2-Hydroxyethyl)- <i>N</i> -methylperfluorobutanesulfonamide	<i>N</i> -MeFBSE	34454-97-2	50 µg/mL	acetonitrile
15254.7-50-AN	<i>N</i> -(2-Hydroxyethyl)- <i>N</i> -methylperfluorobutanesulfonamide-d7	<i>N</i> -MeFBSE-d7	N/A	50 µg/mL	acetonitrile
15255.9-50-AN	<i>N</i> -(2-Hydroxyethyl)- <i>N</i> -methylperfluorohexanesulfonamide	<i>N</i> -MeFHxSE	68555-75-9	50 µg/mL	acetonitrile
15256.9-50-AN	<i>N</i> -(2-Hydroxyethyl)- <i>N</i> -methylperfluorohexanesulfonamide-d7	<i>N</i> -MeFHxSE-d7	N/A	50 µg/mL	acetonitrile
10979.11-50-AN	<i>N</i> -(2-Hydroxyethyl)- <i>N</i> -methylperfluorooctanesulfonamide	<i>N</i> -MeFOSE	24448-09-7	50 µg/mL	acetonitrile
14846.11-50-ME	<i>N</i> -(2-Hydroxyethyl)- <i>N</i> -methylperfluorooctanesulfonamide-d7	<i>N</i> -MeFOSE-d7	1265205-95-5	50 µg/mL	methanol

**Sulfonamides, N-ethyl, N-hydroxyethyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15257.8-50-AN	<i>N</i> -Ethyl- <i>N</i> -(2-hydroxyethyl)perfluorobutanesulphonamide	<i>N</i> -EtFBSE	34449-89-3	50 µg/mL	acetonitrile
15258.8-50-AN	<i>N</i> -Ethyl- <i>N</i> -(2-hydroxyethyl)perfluorobutanesulphonamide-d9	<i>N</i> -EtFBSE-d9	N/A	50 µg/mL	acetonitrile
15259.10-50-AN	<i>N</i> -Ethyl- <i>N</i> -(2-hydroxyethyl)perfluorohexanesulphonamide	<i>N</i> -EtFHxSE	34455-03-3	50 µg/mL	acetonitrile
15352.10-50-AN	<i>N</i> -Ethyl- <i>N</i> -(2-hydroxyethyl)perfluorohexanesulphonamide-d9	<i>N</i> -EtFHxSE-d9	N/A	50 µg/mL	acetonitrile
11931.12-50-AN	<i>N</i> -Ethyl- <i>N</i> -(2-hydroxyethyl)perfluorooctanesulphonamide	<i>N</i> -EtFOSE	1691-99-2	50 µg/mL	acetonitrile
14848.12-50-ME	<i>N</i> -Ethyl- <i>N</i> -(2-hydroxyethyl)perfluorooctanesulphonamide-d9	<i>N</i> -EtFOSE-d9	1691-99-2 (unlabelled)	50 µg/mL	methanol

**Sulfonamides, *N*-propyl, *N*-hydroxyethyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15552.13-50-AN	<i>N</i> -Propyl- <i>N</i> -(2-hydroxyethyl) perfluorooctanesulphonamide	<i>N</i> -PrFOSE	N/A	50 µg/mL	acetonitrile
15698.13-50-AN	<i>N</i> -Propyl- <i>N</i> -(2-hydroxyethyl) perfluorooctanesulphonamide-d11	<i>N</i> -PrFOSE-d11	N/A	50 µg/mL	acetonitrile

**Sulfonylglycine**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14901.6-50-ME	<i>N</i> -Perfluorobutanesulfonylglycine	FBSAA	347872-22-4	50 µg/mL	methanol
14957.8-50-ME	<i>N</i> -Perfluorohexanesulfonylglycine	FHxSAA	1003193-99-4	50 µg/mL	methanol
15778.8-50-ME	Perfluorohexanesulfonylglycine, isomer mixture	FHxSAA, isomer mix	1003193-99-4 ( <i>n</i> -isomer)	50 µg/mL	methanol
14526.10-50-AN	<i>N</i> -Perfluorooctanesulfonylglycine	FOSAA	2806-24-8	50 µg/mL	acetonitrile
15772.12-50-ME	<i>N</i> -(Carboxymethyl)- <i>N</i> -[(heptadecafluorooctyl)sulfonyl]glycine		251359-47-4	50 µg/mL	methanol
15773.10-50-ME	<i>N</i> -(Carboxymethyl)- <i>N</i> -[(tridecafluorohexyl)sulfonyl]glycine		N/A	50 µg/mL	methanol

**Sulfonylglycine, *N*-methyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14172.7-50-ME	<i>N</i> -Methyl- <i>n</i> -perfluorobutanesulfonylglycine	<i>N</i> -MeFBSAA	159381-10-9	50 µg/mL	methanol
14949.7-50-ME	<i>N</i> -Methyl- <i>n</i> -perfluorobutanesulfonylglycine-d3	<i>N</i> -MeFBSAA-d3	N/A	50 µg/mL	methanol
14950.9-50-ME	<i>N</i> -Methyl- <i>n</i> -perfluorohexanesulfonylglycine	<i>N</i> -MeFHxSAA	715646-50-7	50 µg/mL	methanol
14951.9-50-ME	<i>N</i> -Methyl- <i>n</i> -perfluorohexanesulfonylglycine-d3	<i>N</i> -MeFHxSAA-d3	N/A	50 µg/mL	methanol
13257.11-50-ME	<i>N</i> -Methyl- <i>n</i> -perfluorooctanesulfonylglycine	<i>N</i> -MeFOSAA, <i>n</i> -isomer	2355-31-9	50 µg/mL	methanol
13258.11-50-ME	<i>N</i> -Methyl- <i>n</i> -perfluorooctanesulfonylglycine-d3	<i>N</i> -MeFOSAA-d3, <i>n</i> -isomer	1400690-70-1	50 µg/mL	methanol
13585.11-50-ME	<i>N</i> -Methylperfluorooctanesulfonylglycine-d3, isomer mix	<i>N</i> -MeFOSAA-d3, isomer mix	N/A	50 µg/mL	methanol

**Sulfonylglycine, *N*-ethyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14958.8-50-ME	<i>N</i> -Ethyl- <i>n</i> -perfluorobutanesulfonylglycine	<i>N</i> -EtFBSAA	68957-33-5	50 µg/mL	methanol
14959.8-50-ME	<i>N</i> -Ethyl- <i>n</i> -perfluorobutanesulfonylglycine-d5	<i>N</i> -EtFBSAA-d5	N/A	50 µg/mL	methanol
14960.10-50-ME	<i>N</i> -Ethyl- <i>n</i> -perfluorohexanesulfonylglycine	<i>N</i> -EtFHSAA	68957-32-4	50 µg/mL	methanol
14961.10-50-ME	<i>N</i> -Ethyl- <i>n</i> -perfluorohexanesulfonylglycine-d5	<i>N</i> -EtFHSAA-d5	N/A	50 µg/mL	methanol
13259.12-50-ME	<i>N</i> -Ethyl- <i>n</i> -perfluorooctanesulfonylglycine	<i>N</i> -EtFOSAA, <i>n</i> -isomer	2991-50-6	50 µg/mL	methanol
13590.12-50-ME	<i>N</i> -Ethylperfluorooctanesulfonylglycine, isomer mix	<i>N</i> -EtFOSAA, isomer mix	N/A	50 µg/mL	methanol
13413.12-50-ME	<i>N</i> -Ethyl- <i>n</i> -perfluorooctanesulfonylglycine-d5	<i>N</i> -EtFOSAA-d5, <i>n</i> -isomer	1265205-97-7	50 µg/mL	methanol
13591.12-50-ME	<i>N</i> -Ethylperfluorooctanesulfonylglycine-d5, isomer mix	<i>N</i> -EtFOSAA-d5, isomer mix	N/A	50 µg/mL	methanol

**Sulfonylglycine, *N*-carboxymethyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15717.8-50-ME	<i>N</i> -(Carboxymethyl)- <i>N</i> -[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]glycine	FBSEE-DA	1268835-43-3	50 µg/mL	methanol

**Other sulfonamides/-amines**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15807.14-50-ME	3-[[3-(Dimethylamino)propyl][(tridecafluorohexyl)sulfonyl]amino]-1-propanesulfonic acid	SPrAmPr-FHxSA; FHSA- <i>N</i> -3-dimethylaminopropyl- <i>N</i> -3-propanesulfonic acid	38850-60-1	50 µg/mL	methanol
15808.9-50-ME	3-[[[(Perfluorohexyl)sulfonyl]amino]propanesulfonic acid	SPr-FHxSA; FHSA- <i>N</i> -3-propanesulfonic acid	2089108-64-3	50 µg/mL	methanol
15707.15-50-ME	6:2 Fluorotelomermercaptoalkylamido sulfonate	6:2 FTSAS	N/A	50 µg/mL	methanol

**Thioethers and sulfones**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15805.11-50-ME	3-[(1H,1H,2H,2H-Perfluoro- <i>n</i> -octyl)thio]propanoic acid	6:2 FTThPrA; 6:2 Perfluorohexylthio 3-propanoic acid	149339-57-1	50 µg/mL	methanol
15806.11-50-ME	3-[(1H,1H,2H,2H-Perfluoro- <i>n</i> -octyl)sulfonyl]propanoic acid	6:2 FTSO2PrA; 6:2 Perfluorohexylsulfone 3-propanoic acid	2089110-04-1	50 µg/mL	methanol

**Amphoteric sulfonamides and amides, (see also Zonyl and Forafac technical products)**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15799.10-50-ME	3-[[Perfluoro- <i>n</i> -butyl)sulfonyl]amino]- <i>N,N,N</i> -trimethyl-1-propanaminium bromide	PFBSAmS; FB-SA- <i>N</i> -( <i>N,N,N</i> -trimethyl-3-propanaminium) bromide	N/A	50 µg conj. base/mL	methanol
15800.12-50-ME	3-[[Perfluoro- <i>n</i> -hexyl)sulfonyl]amino]- <i>N,N,N</i> -trimethyl-1-propanaminium bromide	PFHxSAmS; FH-SA- <i>N</i> -( <i>N,N,N</i> -trimethyl-3-propanaminium) bromide	N/A	50 µg conj. base/mL	methanol
15801.14-50-ME	3-[[Perfluoro- <i>n</i> -octyl)sulfonyl]amino]- <i>N,N,N</i> -trimethyl-1-propanaminium bromide	PFOSAmS; FO-SA- <i>N</i> -( <i>N,N,N</i> -trimethyl-3-propanaminium) bromide	73149-44-7	50 µg conj. base/mL	methanol
15745.11-50-ME	<i>N</i> -[3-(Dimethylamino)propyl]perfluoro- <i>n</i> -hexanamide	PFHxAAM	153339-14-1	50 µg/mL	methanol
15802.9-50-ME	<i>N</i> -[3-(Dimethylamino)propyl]perfluoro- <i>n</i> -butanesulfonamide	AmPr-FBSA; FB-SA- <i>N</i> -( <i>N,N,N</i> -trimethyl-3-propanamine)	68555-77-1	50 µg/mL	methanol
15803.11-50-ME	<i>N</i> -[3-(Dimethylamino)propyl]perfluoro- <i>n</i> -hexanesulfonamide	AmPr-FHxSA; FH-SA- <i>N</i> -( <i>N,N,N</i> -trimethyl-3-propanamine)	50598-28-2	50 µg/mL	methanol
15804.13-50-ME	<i>N</i> -[3-(Dimethylamino)propyl]perfluoro- <i>n</i> -octylsulfonamide	AmPr-FOSA; FO-SA- <i>N</i> -( <i>N,N,N</i> -trimethyl-3-propanamine)	13417-01-1	50 µg/mL	methanol
15947.13-50-ME	Capstone product A	DPOSA	80475-32-7	50 µg/mL	methanol
15774.17-50-ME	8:2 Fluorotelomer thioether amido sulfonic acid	8:2 FtTAoS	755698-73-8	50 µg/mL	methanol
15775.13-50-ME	4:2 Fluorotelomer thioether amido sulfonic acid	4:2 FtTAoS	1333933-57-5	50 µg/mL	methanol
15776.15-50-ME	6:2 Fluorotelomer sulfonyl amido sulfonic acid	6:2 FtSO2AoS	1911606-13-7	50 µg/mL	methanol

**Sulfonyl acrylate, N-methyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15332.10-50-IO	N-Methylperfluorobutanesulphonamidoethyl acrylate	MeFBSEA	67584-55-8	50 µg/mL	isooctane
15333.10-50-IO	N-Methylperfluorobutanesulphonamidoethyl acrylate-d7	MeFBSEA-d7	N/A	50 µg/mL	isooctane
11857.12-50-IO	N-Methylperfluorohexanesulphonamidoethyl acrylate	MeFHxSEA	67584-57-0	50 µg/mL	isooctane
15334.12-50-IO	N-Methylperfluorohexanesulphonamidoethyl acrylate-d7	MeFHxSEA-d7	N/A	50 µg/mL	isooctane
15067.14-50-IO	N-Methylperfluorooctanesulphonamidoethyl acrylate	MeFOSEA	25268-77-3	50 µg/mL	isooctane
15335.14-50-IO	N-Methylperfluorooctanesulphonamidoethyl acrylate-d7	MeFOSEA-d7	N/A	50 µg/mL	isooctane

**Sulfonyl acrylate, N-ethyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15336.11-50-IO	N-Ethylperfluorobutanesulphonamidoethyl acrylate	EtFBSEA	17329-79-2	50 µg/mL	isooctane
15337.11-50-IO	N-Ethylperfluorobutanesulphonamidoethyl acrylate-d9	EtFBSEA-d9	N/A	50 µg/mL	isooctane
15339.13-50-IO	N-Ethylperfluorohexanesulphonamidoethyl acrylate	EtFHxSEA	1893-52-3	50 µg/mL	isooctane
15340.13-50-IO	N-Ethylperfluorohexanesulphonamidoethyl acrylate-d9	EtFHxSEA-d9	N/A	50 µg/mL	isooctane
15341.15-50-IO	N-Ethylperfluorooctanesulphonamidoethyl acrylate	EtFOSEA	423-82-5	50 µg/mL	isooctane
15342.15-50-IO	N-Ethylperfluorooctanesulphonamidoethyl acrylate-d9	EtFOSEA-d9	N/A	50 µg/mL	isooctane

**Sulfonyl acrylate, N-propyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15553.16-50-IO	N-Propylperfluorooctanesulphonamidoethyl acrylate	PeFOSEA	2357-60-0	50 µg/mL	isooctane
15697.16-50-IO	N-Propylperfluorooctanesulphonamidoethyl acrylate-d11	PeFOSEA-d11	N/A	50 µg/mL	isooctane

**Sulfonyl methacrylate, N-methyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15343.11-50-IO	<i>N</i> -Methylperfluorobutanesulphonamidoethyl methacrylate	MeFBSEMA	67584-59-2	50 µg/mL	isooctane
15344.11-50-IO	<i>N</i> -Methylperfluorobutanesulphonamidoethyl methacrylate-d7	MeFBSEMA-d7	N/A	50 µg/mL	isooctane
15345.13-50-IO	<i>N</i> -Methylperfluorohexanesulphonamidoethyl methacrylate	MeFHxSEMA	67584-61-6	50 µg/mL	isooctane
15346.13-50-IO	<i>N</i> -Methylperfluorohexanesulphonamidoethyl methacrylate-d7	MeFHxSEMA-d7	N/A	50 µg/mL	isooctane
15347.15-50-IO	<i>N</i> -Methylperfluorooctanesulphonamidoethyl methacrylate	MeFOSEMA	14650-24-9	50 µg/mL	isooctane
15348.15-50-IO	<i>N</i> -Methylperfluorooctanesulphonamidoethyl methacrylate-d7	MeFOSEMA-d7	N/A	50 µg/mL	isooctane

**Sulfonyl methacrylate, N-ethyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15349.12-50-IO	<i>N</i> -Ethylperfluorobutanesulphonamidoethyl methacrylate	EtFBSEMA	67939-33-7	50 µg/mL	isooctane
15350.12-50-IO	<i>N</i> -Ethylperfluorobutanesulphonamidoethyl methacrylate-d9	EtFBSEMA-d9	N/A	50 µg/mL	isooctane
15351.14-50-IO	<i>N</i> -Ethylperfluorohexanesulphonamidoethyl methacrylate	EtFHxSEMA	67906-70-1	50 µg/mL	isooctane
15353.14-50-IO	<i>N</i> -Ethylperfluorohexanesulphonamidoethyl methacrylate-d9	EtFHxSEMA-d9	N/A	50 µg/mL	isooctane
15354.16-50-IO	<i>N</i> -Ethylperfluorooctanesulphonamidoethyl methacrylate	EtFOSEMA	376-14-7	50 µg/mL	isooctane
15355.16-50-IO	<i>N</i> -Ethylperfluorooctanesulphonamidoethyl methacrylate-d9	EtFOSEMA-d9	N/A	50 µg/mL	isooctane

**Sulfonyl methacrylate, N-propyl**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15554.17-50-IO	<i>N</i> -Propylperfluorooctanesulphonamidoethyl methacrylate	PrFOSEMA	13285-40-0	50 µg/mL	isooctane
15696.17-50-IO	<i>N</i> -Propylperfluorooctanesulphonamidoethyl methacrylate-d11	PrFOSEMA-d11	N/A	50 µg/mL	isooctane

**GenX and related**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14110.6-100-ME	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propionic acid	HFPO-DA; "GenX" precursor; FRD-903; PFPrOPrA	13252-13-6	100 µg/mL	methanol
14112.6-50-ME	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propionic acid ammonium salt	GenX; FRD-902; Perfluoro-2-propoxypropanoic acid ammonium salt	62037-80-3	50 µg conj. base/mL	methanol
15128.9-50-ME	Hexafluoropropylene oxide trimer acid	HFPO-TA; Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid	13252-14-7	50 µg/mL	methanol
14115.7-50-ME	Methyl 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	HFPO-DA methyl ester; GenX methyl ester	13140-34-6	50 µg/mL	methanol
14515.5-50-IO	1,1,1,2,2,3,3-Heptafluoro-3-(1,2,2,2-tetrafluoroethoxy)propane	Freon E1; Dupont E1	3330-15-2	50 µg/mL	isooctane

**ADONA and related:**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14175.7-50-ME	Ammonium 4,8-dioxa-3H-perfluorononanoate	ADONA (ammonium salt)	958445-44-8	50 µg conj. base/mL	methanol
14176.7-50-ME	Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA; ADONA sodium salt	2250081-67-3	50 µg conj. base/mL	methanol
14460.7-50-ME	Dodecafluoro-3H-4,8-dioxanonanoic acid	DONA	919005-14-4	50 µg/mL	methanol
14460.7-100-ME	Dodecafluoro-3H-4,8-dioxanonanoic acid	DONA	919005-14-4	100 µg/mL	methanol

**9CI-PF3ONS and 11CI-PF3OUNS and related**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
14174.8-50-ME	9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid potassium salt	9CI-PF3ONS-K; C8CI PFESA-K; F-53B-K; 6:2 CI-PFESA-K	73606-19-6	50 µg conj. base/mL	methanol
14462.10-50-ME	11CI-PF3OUdS potassium salt	11CI-PF3OUdS-K	83329-89-9	50 µg conj. base/mL	methanol
15882.4-50-ME	Perfluoroethoxysulfonic acid, sodium salt	NVHOS-Na	1132933-86-8	50 µg conj. base/mL	methanol
15883.4-50-ME	3-(Methoxy)tetrafluoropropionic acid	MTP	93449-21-9	50 µg/mL	methanol

**Perfluoroalkyl ether sulfonic acids (PFESAs)**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15884.7-50-ME	Perfluoro-3,6-dioxa-4-methyl-7-octenesulfonic acid	PS acid; PFESA BP1; Nafion by-product 1; Nafion BP1; NBP1	29311-67-9	50 µg/mL	methanol
15885.7-50-ME*	7H-Perfluoro-4-methyl-3,6-dioxatanesulfonic acid	Hydro-PS acid; PFESA BP2; Nafion by-product 2; Nafion BP2; NBP2	749836-20-2	50 µg/mL	methanol
14722.4-50-ME	Perfluoro(2-ethoxyethane)sulfonic acid	PFESAs	113507-82-7	50 µg/mL	methanol
15556.7-50-ME	Perfluoro(4-methyl-3,6-dioxaoct-7-ene) sodium sulfonate	PSVNa	N/A	50 µg/mL	methanol

\* Minimum order of 5 required

**Perfluoroalkyl ether carboxylic acids (PFEECAs)**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15129.3-50-ME	Perfluoro-2-methoxyacetic acid	PFMOAA	674-13-5	50 µg/mL	MeOH with 4 mole eq. NaOH
14721.4-50-ME	Perfluoro-3-methoxypropanoic acid	PFMPA	377-73-1	50 µg/mL	MeOH with 4 mole eq. NaOH
14056.5-50-ME	Perfluoro-4-methoxybutanoic acid	PFMOBA; PFMBA	863090-89-5	50 µg/mL	MeOH with 4 mole eq. NaOH
15932.8-50-ME	EVE acid	Perfluoro-5-methyl-4,7-dioxanon-8-enoic acid	69087-46-3	50 µg/mL	MeOH with 4 mole eq. NaOH
15933.8-50-ME	Hydro-EVE acid	8H-Perfluoro-5-methyl-4,7-dioxanonanoic acid	773804-62-9	50 µg/mL	MeOH with 4 mole eq. NaOH
15413.5-50-ME	Perfluoro-3,6-dioxaheptanoic acid	NFDHA; 3,6-OPFHpA; Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	50 µg/mL	MeOH with 4 mole eq. NaOH
15413.5-100-ME	Perfluoro-3,6-dioxaheptanoic acid	NFDHA; 3,6-OPFHpA; Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	100 µg/mL	MeOH with 4 mole eq. NaOH
15719.6-50-ME	Perfluoro-3,6-dioxaoctanoic acid		80153-82-8	50 µg/mL	MeOH with 4 mole eq. NaOH
15720.6-50-ME*	Ammonium perfluoro-3,6-dioxaoctanoate		908020-52-0	50 µg/mL	methanol

\* Please inquire

**Hexanol ethers**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15704.8-50-ME	6-(2,2,2-Trifluoroethoxy)-1-hexanol		1341666-66-7	50 µg/mL	methanol
15705.10-50-ME	6-(2,2,3,3,4,4,4-Heptafluorobutoxy)-1-hexanol		1207481-10-4	50 µg/mL	methanol
15706.12-50-ME	6-[(2,2,3,3,4,4,5,5,6,6,6-undecaheptyl)oxy]-1-hexanol		N/A	50 µg/mL	methanol

**Telomeric alkylsilanes**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15691.10-50-AN	1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane	Chlorodimethyl[2-(perfluorohexyl)ethyl]silane	102488-47-1	50 µg/mL	acetonitrile
15675.11-50-AN	1H,1H,2H,2H-Perfluorooctyltrimethoxysilane	Tridecafluorooctyltrimethoxysilane; Dynasilan F88161; HF 81	85857-16-5	50 µg/mL	acetonitrile
15674.14-50-AN	1H,1H,2H,2H-Perfluorooctyltriethoxysilane	2-Perfluorohexylethyltriethoxysilane; Dynasilan8261; 13F (fluorosilane)	51851-37-7	50 µg/mL	acetonitrile
15667.20-50-ME	(1H,1H,2H,2H-Perfluorotetradecyl)tris(ethoxy)silane	1H,1H,2H,2H-Perfluorotetradecyltriethoxysilane	885275-56-9	50 µg/mL	methanol

**Other PFAS**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15672.8-50-AN	1H,1H,2H,2H-Perfluorooctanethiol	Foralkyl EM 6; 2-(Perfluorohexyl)ethane-1-thiol	34451-26-8	50 µg/mL	acetonitrile
15683.7-50-ME	(Hydroxymethyl)perfluorocyclohexane	(Perfluorocyclohexyl) methanol	28788-68-3	50 µg/mL	methanol
15693.8-50-ME	1H,1H-Perfluoro-3,6-dioxadecan-1-ol		152914-73-3	50 µg/mL	methanol
15690.9-50-AN	3-Perfluorohexyl-2-iodopropan-1-ol		38550-44-6	50 µg/mL	acetonitrile
15716.13-50-ME	N-[3-(Dimethylamino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octane-sulfonamide	M4; FS SAAM-6C	34455-22-6	50 µg/mL	methanol
15718.4-50-ME	1,1,2,2,3,3,4,4,4-Nonafluoro-1-butane-sulfinic acid	PFBSi	34642-43-8	50 µg/mL	methanol

**PAPS**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix	Volume
15280.6-50UG	4:2 MonoPAPS	Mono[2-(perfluorobutyl)ethyl] phosphate	150065-76-2	neat	neat	ca. 50 µg
9563.8-50UG	6:2 MonoPAPS		57678-01-0	neat	neat	ca. 50 µg
11340.16-50-ME	6:2 DiPAPS sodium salt		407582-79-0	50 µg conj. base/mL	methanol	1 mL
9565.24-50UG	6:2 TriPAPS		165325-62-2	neat	neat	ca. 50 µg
9391.10-50UG	8:2 MonoPAPS		57678-03-2	neat	neat	ca. 50 µg
14573.10-50-ME	8:2 MonoPAPS sodium salt		130771-95-8 (Conjugated base)	50 µg conj. base/mL	methanol	1 mL
9392.20-50UG	8:2 DiPAPS		678-41-1	neat	neat	ca. 50 µg
14572.20-50-ME	8:2 DiPAPS sodium salt		114519-85-6	50 µg conj. base/mL	methanol	1 mL
9566.12-50UG	10:2 MonoPAPS		57678-05-4	neat	neat	ca. 50 µg
13264.24-50-ME	10:2 DiPAPS sodium salt		120433-74-1	50 µg conj. base/mL	methanol	1 mL

**FT-metacrylate**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15854.12-50-AN	Capstone® 62MA	6:2 FT Metacrylate	2144-53-8	50 µg/mL	Acetonitrile

**Deuterated internal standards PAPS**

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix	Volume
9928.16-50UG	6:2 DiPAPS-d4		N/A	neat	neat	ca. 50 µg
9929.20-50UG	8:2 DiPAPS-d4		N/A	neat	neat	ca. 50 µg
15759.24-50-ME	10:2 DiPAPS-d4 sodium salt		120433-74-1 (unlabelled)	50 µg conj. base/mL	methanol	1 mL

**FTEOs, commercial mixture**

Volume: 1 mL

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
15853.X-K-ME	Capstone® FS-30	6:2 FTEO	1640092-35-8	1000 µg/mL	methanol



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