

Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Applicant: OASIS PASTO SINTETICO SA DE CV
Address: PUERTO GRANDE NO.1200,INT.28,HOFUSAN INDUSTRIAL PARK, ZIP CODE65500, SALINAS VICTORIA, NUEVO LEON, MEXICO
Product Name: ARTIFICIAL GRASS
Manufacturer: OASIS PASTO SINTETICO SA DE CV
Receipt Date of Sample: 2023-10-24
Date of Testing: 2023-10-24 ~ 2023-11-10
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item

1. Client's Requirement- PFCAs Content

Conclusion

Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. ≤ Less than
4. 1 mg/kg = 1 ppm = 0.0001%
5. The test results are transferred from report 70.431.23.16030.02.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch

Testing Center

Prepared by:


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Authorized by:


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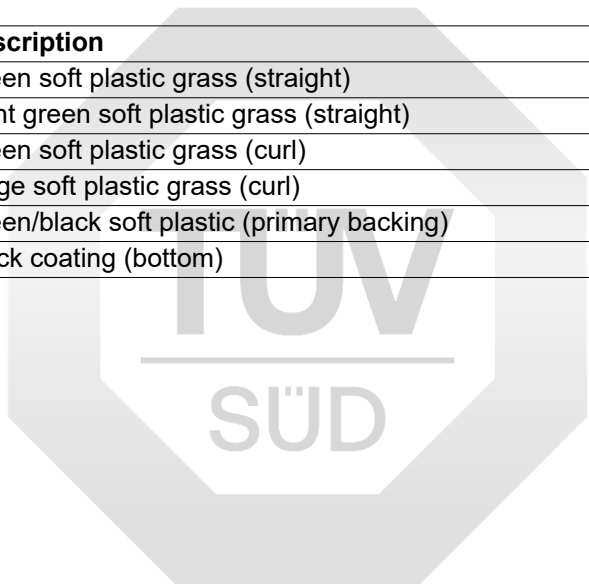
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Description of Tested Subject:

Sample	Description	Photo
001	ARTIFICIAL GRASS	

T. No	Sample	Description
T1	004	Green soft plastic grass (straight)
T2	005	Light green soft plastic grass (straight)
T3	006	Green soft plastic grass (curl)
T4	007	Beige soft plastic grass (curl)
T5	008	Green/black soft plastic (primary backing)
T6	009	Black coating (bottom)





Test Result(s):

1. Client's Requirement- PFAS Content

Test with reference to in - house method, determination by GC-MS, LC-MS, LC-MC-MS.

Compounds Name	CAS No	Unit	MDL	Limit	Result 004
1H,1H,2H,2H-Heptadecafluorodecyl methacrylate	1996-88-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate	2144-54-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate	2144-53-8	mg/kg	0.2	ND	ND
Perfluorooctyl iodide	507-63-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorooctyl acrylate	17527-29-6	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorododecyl acrylate	17741-60-5	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane	101947-16-4	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Heptadecafluorodecyl iodide	2043-53-0	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl iodide	2043-54-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide	30046-31-2	mg/kg	0.2	ND	ND
Perfluorooctanesulfonic acid	1763-23-1	mg/kg	0.01	ND	ND
Perfluorooctanesulfonyl fluoride*	307-35-7	mg/kg	0.01		
Potassium perfluorooctanesulfonate*	2795-39-3	mg/kg	0.01		
Ammonium perfluorooctanesulfonate*	29081-56-9	mg/kg	0.01		
1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)*	251099-16-8	mg/kg	0.01		
Diethanolamine perfluorooctanesulfonate*	70225-14-8	mg/kg	0.01		
Lithium perfluorooctanesulfonate*	29457-72-5	mg/kg	0.01		
Tetraethylammonium perfluorooctanesulfonate*	56773-42-3	mg/kg	0.01		
Tetramethylammonium perfluorooctane sulfonate*	56773-44-5	mg/kg	0.01		
Sodium perfluorooctanesulfonate*	4021-47-0	mg/kg	0.01		
magnesium bis[heptadecafluorooctanesulphonate]*	91036-71-4	mg/kg	0.01		
Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate*	71463-74-6	mg/kg	0.01		
Perfluorooctanesulfonate*	45298-90-6	mg/kg	0.01		

Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 004
Perfluorooctanoic acid	335-67-1	mg/kg	0.01	ND	ND
Ammonium perfluorooctanoate*	3825-26-1	mg/kg	0.01		
Sodium perfluorooctanoate*	335-95-5	mg/kg	0.01		
Potassium perfluorooctanoate*	2395-00-8	mg/kg	0.01		
Silver perfluorooctanoate*	335-93-3	mg/kg	0.01		
Perfluorooctanoyl fluoride*	335-66-0	mg/kg	0.01		
Perfluorooctanoate*	45285-51-6	mg/kg	0.01		
Lithium perfluorooctanoate*	17125-58-5	mg/kg	0.01		
Pentadecafluorooctanoic acid-pyridine (1/1)*	95658-47-2	mg/kg	0.01		
Perfluorooctanoate N,N,N-trimethylmethanaminium*	32609-65-7	mg/kg	0.01		
Methyl perfluorooctanoate*	376-27-2	mg/kg	0.01	ND	ND
Ethyl perfluorooctanoate*	3108-24-5	mg/kg	0.01		
Perfluorononanoic acid	375-95-1	mg/kg	0.01		
Sodium perfluorononanoate*	21049-39-8	mg/kg	0.01		
Ammonium perfluorononanoate*	4149-60-4	mg/kg	0.01		
Perfluorononanoate*	72007-68-2	mg/kg	0.01		
Silver perfluorononanoate*	7358-16-9	mg/kg	0.01		
Potassium perfluorononanoate*	21049-38-7	mg/kg	0.01		
Methanaminium perfluorononanoate*	77032-23-6	mg/kg	0.01		
Cyclohexanaminium perfluorononanoate*	328531-06-2	mg/kg	0.01		
N,N-Diethylethanaminium heptadecafluorononanoate*	327176-80-7	mg/kg	0.01		
Perfluorobutanoic acid	375-22-4	mg/kg	0.01	ND	ND
Sodium perfluorobutanoate*	2218-54-4	mg/kg	0.01		
Perfluorobutyramide*	662-50-0	mg/kg	0.01		
Silver perfluorobutanoate*	3794-64-7	mg/kg	0.01		
Perfluorobutanoate*	45048-62-2	mg/kg	0.01		
Ammonium perfluorobutanoate*	10495-86-0	mg/kg	0.01		
Potassium perfluorobutyrate*	2966-54-3	mg/kg	0.01		
Lithium perfluorobutanoate*	4146-76-3	mg/kg	0.01		
Calcium perfluorobutanoate*	2366-98-5	mg/kg	0.01		
Perfluorobutanesulfonic acid	375-73-5	mg/kg	0.01		
Potassium perfluorobutanesulfonate*	29420-49-3	mg/kg	0.01	ND	ND
Perfluorobutanesulfonic acid hydrate*	59933-66-3	mg/kg	0.01		
Tetraethylazanium nonafluorobutane-1-sulfonate*	25628-08-4	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate*	68259-10-9	mg/kg	0.01		
Perfluorobutanesulfonate*	45187-15-3	mg/kg	0.01		
Tetramethylammonium perfluorobutane sulfonate*	25628-17-5	mg/kg	0.01		
Sodium perfluorobutylsulfonate*	60453-92-1	mg/kg	0.01		

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Lithium nonafluorobutanesulfonate*	131651-65-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate*	70225-18-2	mg/kg	0.01		
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide*	34454-97-2	mg/kg	0.01		
Perfluorobutanesulfonyl fluoride*	375-72-4	mg/kg	0.01		
Perfluorobutanesulphonyl chloride*	2991-84-6	mg/kg	0.01		
Zinc nonafluorobutanesulphonate*	502457-69-4	mg/kg	0.01		
Magnesium nonafluorobutanesulfonate*	507453-86-3	mg/kg	0.01		
Perfluoropentanoic acid	2706-90-3	mg/kg	0.01	ND	ND
Sodium perfluorovalerate*	2706-89-0	mg/kg	0.01		
Potassium perfluoropentanoate*	336-23-2	mg/kg	0.01		
Nonafluoropentanoic acid, ammonium salt*	68259-11-0	mg/kg	0.01		
Perfluoropentanoate*	45167-47-3	mg/kg	0.01		
Silver perfluoropentanoate*	2795-30-4	mg/kg	0.01		
Lithium perfluoropentanoate*	198482-22-3	mg/kg	0.01		
Perfluorohexanoic acid	307-24-4	mg/kg	0.01	ND	ND
Sodium perfluorohexanoate*	2923-26-4	mg/kg	0.01		
Potassium perfluorohexanoate*	3109-94-2	mg/kg	0.01		
Ammonium undecafluorohexanoate*	21615-47-4	mg/kg	0.01		
Silver perfluorohexanoate*	336-02-7	mg/kg	0.01		
Perfluorohexanoate*	92612-52-7	mg/kg	0.01		
Lithium perfluorohexanoate*	90430-61-8	mg/kg	0.01		
Undecafluorohexanoic acid-piperazine (1:1)*	423-47-2	mg/kg	0.01		
Undecafluorohexanoic acid--hexan-1-amine (1/1)*	565225-91-4	mg/kg	0.01		
7H-Dodecafluoroheptanoic acid	1546-95-8	mg/kg	0.01		
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate*	376-34-1	mg/kg	0.01		
7-H-Perfluoroheptanoate*	69681-35-2	mg/kg	0.01		
Sodium 7H-perfluoroheptanoate*	2264-25-7	mg/kg	0.01		
Perfluoroheptanoic acid	375-85-9	mg/kg	0.01		
Sodium perfluoroheptanoate*	20109-59-5	mg/kg	0.01		
Potassium perfluoroheptanoate*	21049-36-5	mg/kg	0.01		
Perfluoroheptanamide*	2358-22-7	mg/kg	0.01		
Ammonium perfluoroheptanoate*	6130-43-4	mg/kg	0.01		
Silver perfluoroheptanoate*	424-05-5	mg/kg	0.01		
Lithium perfluoroheptanoate*	60871-90-1	mg/kg	0.01		
Perfluoroheptanoate*	120885-29-2	mg/kg	0.01		
Cesium perfluoroheptanoate*	171198-24-6	mg/kg	0.01		

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Compounds Name	CAS No	Unit	MDL	Limit	Result 004
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonic acid	27619-97-2	mg/kg	0.01	ND	ND
6:2 Fluorotelomer sulfonate sodium salt*	27619-94-9	mg/kg	0.01		
6:2 Fluorotelomer sulfonate barium salt*	1807944-82-6	mg/kg	0.01		
Potassium 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonate*	59587-38-1	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonate*	425670-75-3	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-octanesulfonic Acid Ammonium Salt*	59587-39-2	mg/kg	0.01	ND	ND
Perfluorohexanesulfonic acid	355-46-4	mg/kg	0.01		
Sodium perfluorohexanesulfonate*	82382-12-5	mg/kg	0.01		
Potassium perfluorohexanesulfonate*	3871-99-6	mg/kg	0.01		
Perfluorohexanesulfonate*	108427-53-8	mg/kg	0.01		
Triethylammonium perfluorohexane sulfonate*	72033-41-1	mg/kg	0.01		
Tetraethylammonium perfluorohexane sulfonate*	108427-55-0	mg/kg	0.01		
Lithium perfluorohexanesulfonate*	55120-77-9	mg/kg	0.01		
Ammonium perfluorohexanesulfonate*	68259-08-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	70225-16-0	mg/kg	0.01		
Perfluorohexanesulfonic acid, zinc salt*	70136-72-0	mg/kg	0.01		
Perfluorohexanesulphonyl fluoride*	423-50-7	mg/kg	0.01		
Perfluorohexanesulfonic acid, cesium salt (1:1)*	92011-17-1	mg/kg	0.01		
Perfluorodecanoic acid	335-76-2	mg/kg	0.01	ND	ND
Sodium Perfluorodecanoate*	3830-45-3	mg/kg	0.01		
Ammonium perfluorodecanoate*	3108-42-7	mg/kg	0.01		
Nonadecafluorodecanoate*	73829-36-4	mg/kg	0.01		
Potassium perfluorodecanoate*	51604-85-4	mg/kg	0.01		
Lithium perfluorodecanoate*	84743-32-8	mg/kg	0.01		
Silver perfluorodecanoate*	5784-82-7	mg/kg	0.01	ND	ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg	0.01		
Perfluorodecanesulfonate*	126105-34-8	mg/kg	0.01		
Sodium perfluorodecanesulfonate*	2806-15-7	mg/kg	0.01		
Perfluorodecanesulfonate potassium*	2806-16-8	mg/kg	0.01	ND	ND
Perfluorodecanesulfonic acid ammonium salt*	67906-42-7	mg/kg	0.01		
Perfluoroheptanesulfonic acid	375-92-8	mg/kg	0.01		
Sodium perfluoroheptane sulfonate*	21934-50-9	mg/kg	0.01		
Potassium perfluoroheptanesulfonate*	60270-55-5	mg/kg	0.01		
Perfluoroheptanesulfonate*	146689-46-5	mg/kg	0.01	ND	ND
Lithium perfluoroheptanesulfonate*	117806-54-9	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	70225-15-9	mg/kg	0.01		

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Ammonium perfluoroheptanesulfonate*	68259-07-4	mg/kg	0.01		
Triethylammonium perfluoroheptane sulfonate*	72033-40-0	mg/kg	0.01		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg	0.01	ND	ND
Perfluoropentanesulfonate*	175905-36-9	mg/kg	0.01		
Potassium perfluoropentane-1-sulphonate*	3872-25-1	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate*	68259-09-6	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	70225-17-1	mg/kg	0.01		
Sodium perfluoropentanesulfonate*	630402-22-1	mg/kg	0.01		
Triethylammonium perfluoropentane sulfonate*	72033-42-2	mg/kg	0.01	ND	ND
Lithium perfluoropentane sulfonate*	1046864-81-6	mg/kg	0.01		
Perfluoropropionic acid	422-64-0	mg/kg	0.01		
Sodium pentafluoropropionate*	378-77-8	mg/kg	0.01		
Potassium pentafluoropropionate*	378-76-7	mg/kg	0.01		
Silver perfluoropropanoate*	509-09-1	mg/kg	0.01		
Perfluoropropanoate*	44864-55-3	mg/kg	0.01	ND	ND
Ammonium pentafluoropropionate*	2730-58-7	mg/kg	0.01		
Perfluoro-3,7-dimethyloctanoic acid	172155-07-6	mg/kg	0.01	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic acid	34598-33-9	mg/kg	0.01	ND	ND
Potassium 1H,1H,2H,2H-perfluoroundecanoate*	83310-58-1	mg/kg	0.01		
Lithium 3-(perfluorooctyl)propanoate*	67304-23-8	mg/kg	0.01	ND	ND
Perfluorooctanesulfonamide	754-91-6	mg/kg	0.01		
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	76752-82-4	mg/kg	0.01		
Perfluorooctanesulfonamide lithium salt (1:1)*	76752-79-9	mg/kg	0.01		
Perfluorooctanesulfonamide sodium salt (1:1)*	76752-78-8	mg/kg	0.01		
Perfluorooctanesulfonamide ammonium salt (1:1)*	76752-72-2	mg/kg	0.01		
Perfluorooctanesulfonamide potassium salt (1:1)*	76752-70-0	mg/kg	0.01	ND	ND
N-methylperfluorooctanesulfonamide	31506-32-8	mg/kg	0.01		
N-Ethylperfluorooctanesulfonamide	4151-50-2	mg/kg	0.01	ND	ND
N-Methylperfluorooctanesulfonamidoethanol	24448-09-7	mg/kg	0.01	ND	ND
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2	mg/kg	0.01	ND	ND
Perfluoroundecanoic acid	2058-94-8	mg/kg	0.01	ND	ND
Perfluoroundecanoate*	196859-54-8	mg/kg	0.01		
Sodium perfluoroundecanoate*	60871-96-7	mg/kg	0.01		
Potassium perfluoroundecanoate*	30377-53-8	mg/kg	0.01		
Ammonium perfluoroundecanoate*	4234-23-5	mg/kg	0.01		
Calcium perfluoroundecanoate*	97163-17-2	mg/kg	0.01		

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Perfluorododecanoic acid	307-55-1	mg/kg	0.01		
Ammonium perfluorododecanoate*	3793-74-6	mg/kg	0.01		
Perfluorododecanoate*	171978-95-3	mg/kg	0.01		
Sodium Perfluorododecanoate*	60872-01-7	mg/kg	0.01		
Perfluorotridecanoic acid	72629-94-8	mg/kg	0.01		
Perfluorotridecanoate*	862374-87-6	mg/kg	0.01		
Ammonium perfluorotridecanoate*	4288-72-6	mg/kg	0.01	ND	ND
Perfluorotetradecanoic acid*	376-06-7	mg/kg	0.01		
Perfluorotetradecanoate*	365971-87-5	mg/kg	0.01		
1H,1H,2H,2H-perfluorohexane sulfonate acid	757124-72-4	mg/kg	0.01		
4:2 Fluorotelomer sulfonate*	414911-30-1	mg/kg	0.01	ND	ND
Sodium 1H,1H,2H,2H-perfluoro-1-hexanesulfonate*	27619-93-8	mg/kg	0.01		
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	mg/kg	0.01		
2-(Perfluorooctyl)ethane-1-sulfonate*	481071-78-7	mg/kg	0.01	ND	ND
8:2 Fluorotelomer sulfonate ammonium salt*	149724-40-3	mg/kg	0.01		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium*	27619-96-1	mg/kg	0.01		
Potassium 2-(perfluorooctyl)ethane-1-sulfonate*	438237-73-1	mg/kg	0.01		
1H,1H,2H,2H-Perfluorododecane sulfonic acid	120226-60-0	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium*	108026-35-3	mg/kg	0.01		
Perfluorooctadecanoic acid	16517-11-6	mg/kg	0.01		
Perfluorooctadecanoate anion*	798556-82-8	mg/kg	0.01		
Perfluorohexadecanoic acid	67905-19-5	mg/kg	0.01	ND	ND
Hentriacontafluorohexadecanoate anion*	1214264-30-8	mg/kg	0.01		
2H,2H Perfluorodecane Acid	27854-31-5	mg/kg	0.01		
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate*	882489-14-7	mg/kg	0.01	ND	ND
N-methylperfluorooctane sulfonamidoacetic acid	2355-31-9	mg/kg	0.01		
N-(Heptadecafluorooctylsulfonyl)-N-methylglycine potassium salt*	70281-93-5	mg/kg	0.01		
2-(N-Methylperfluorooctanesulfonamido)acetate*	909405-48-7	mg/kg	0.01		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6/1336-61-4	mg/kg	0.01	ND	ND
Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate*	2991-52-8	mg/kg	0.01		
2-(N-Ethyl-perfluorooctanesulfonamido)acetate*	909405-49-8	mg/kg	0.01		
Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate*	3871-50-9	mg/kg	0.01		

Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 004
potassium N-ethyl-N-((heptadecafluorooctyl)sulphonyl)glycinate*	2991-51-7	mg/kg	0.01		
8:2 Fluorotelomer phosphate diester	678-41-1	mg/kg	0.01	ND	ND
Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate*	114519-85-6	mg/kg	0.01		
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid	13252-13-6	mg/kg	0.01	ND	ND
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)*	-	mg/kg	0.01		
Triethylammonium perfluoro-2-propoxypropanoate*	165951-18-8	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid-N-propylpropan-1-amine (1:1)*	165951-17-7	mg/kg	0.01		
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67118-55-2	mg/kg	0.01		
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	62037-80-3	mg/kg	0.01		
sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67963-75-1	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(perfluoropropoxy)propanoyl fluoride*	2062-98-8	mg/kg	0.01		
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-methyl-	68259-15-4	mg/kg	0.01	ND	ND
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-	41997-13-1	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorohexan-1-ol	2043-47-2	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecan-1-ol	678-39-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecan-1-ol	865-86-1	mg/kg	0.2	ND	ND
H,1H,2H,2H-perfluorotetradecan-1-ol	39239-77-5	mg/kg	0.2	ND	ND
Conclusion					Pass

Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 005
1H,1H,2H,2H-Heptadecafluorodecyl methacrylate	1996-88-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate	2144-54-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate	2144-53-8	mg/kg	0.2	ND	ND
Perfluorooctyl iodide	507-63-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorooctyl acrylate	17527-29-6	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorododecyl acrylate	17741-60-5	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane	101947-16-4	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Heptadecafluorodecyl iodide	2043-53-0	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl iodide	2043-54-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide	30046-31-2	mg/kg	0.2	ND	ND
Perfluorooctanesulfonic acid	1763-23-1	mg/kg	0.01	ND	ND
Perfluorooctanesulfonyl fluoride*	307-35-7	mg/kg	0.01		
Potassium perfluorooctanesulfonate*	2795-39-3	mg/kg	0.01		
Ammonium perfluorooctanesulfonate*	29081-56-9	mg/kg	0.01		
1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)*	251099-16-8	mg/kg	0.01		
Diethanolamine perfluorooctanesulfonate*	70225-14-8	mg/kg	0.01		
Lithium perfluorooctanesulfonate*	29457-72-5	mg/kg	0.01		
Tetraethylammonium perfluorooctanesulfonate*	56773-42-3	mg/kg	0.01		
Tetramethylammonium perfluorooctane sulfonate*	56773-44-5	mg/kg	0.01		
Sodium perfluorooctanesulfonate*	4021-47-0	mg/kg	0.01		
magnesium bis[heptadecafluorooctanesulphonate]*	91036-71-4	mg/kg	0.01		
Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate*	71463-74-6	mg/kg	0.01		
Perfluorooctanesulfonate*	45298-90-6	mg/kg	0.01		
Perfluorooctanoic acid	335-67-1	mg/kg	0.01		
Ammonium perfluorooctanoate*	3825-26-1	mg/kg	0.01		
Sodium perfluorooctanoate*	335-95-5	mg/kg	0.01		
Potassium perfluorooctanoate*	2395-00-8	mg/kg	0.01		
Silver perfluorooctanoate*	335-93-3	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 005
Perfluorooctanoyl fluoride*	335-66-0	mg/kg	0.01		
Perfluorooctanoate*	45285-51-6	mg/kg	0.01		
Lithium perfluorooctanoate*	17125-58-5	mg/kg	0.01		
Pentadecafluorooctanoic acid-pyridine (1/1)*	95658-47-2	mg/kg	0.01		
Perfluorooctanoate N,N,N-trimethylmethanaminium*	32609-65-7	mg/kg	0.01		
Methyl perfluorooctanoate*	376-27-2	mg/kg	0.01		
Ethyl perfluorooctanoate*	3108-24-5	mg/kg	0.01		
Perfluorononanoic acid	375-95-1	mg/kg	0.01		
Sodium perfluorononanoate*	21049-39-8	mg/kg	0.01		
Ammonium perfluorononanoate*	4149-60-4	mg/kg	0.01		
Perfluorononanoate*	72007-68-2	mg/kg	0.01		
Silver perfluorononanoate*	7358-16-9	mg/kg	0.01		
Potassium perfluorononanoate*	21049-38-7	mg/kg	0.01		
Methanaminium perfluorononanoate*	77032-23-6	mg/kg	0.01		
Cyclohexanaminium perfluorononanoate*	328531-06-2	mg/kg	0.01		
N,N-Diethylethanaminium heptadecafluorononanoate*	327176-80-7	mg/kg	0.01		
Perfluorobutanoic acid	375-22-4	mg/kg	0.01		
Sodium perfluorobutanoate*	2218-54-4	mg/kg	0.01		
Perfluorobutyramide*	662-50-0	mg/kg	0.01		
Silver perfluorobutanoate*	3794-64-7	mg/kg	0.01	ND	ND
Perfluorobutanoate*	45048-62-2	mg/kg	0.01		
Ammonium perfluorobutanoate*	10495-86-0	mg/kg	0.01		
Potassium perfluorobutyrate*	2966-54-3	mg/kg	0.01		
Lithium perfluorobutanoate*	4146-76-3	mg/kg	0.01		
Calcium perfluorobutanoate*	2366-98-5	mg/kg	0.01		
Perfluorobutanesulfonic acid	375-73-5	mg/kg	0.01		
Potassium perfluorobutanesulfonate*	29420-49-3	mg/kg	0.01		
Perfluorobutanesulfonic acid hydrate*	59933-66-3	mg/kg	0.01		
Tetraethylazanium nonafluorobutane-1-sulfonate*	25628-08-4	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate*	68259-10-9	mg/kg	0.01		
Perfluorobutanesulfonate*	45187-15-3	mg/kg	0.01		
Tetramethylammonium perfluorobutane sulfonate*	25628-17-5	mg/kg	0.01		
Sodium perfluorobutylsulfonate*	60453-92-1	mg/kg	0.01		
Lithium nonafluorobutanesulfonate*	131651-65-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate*	70225-18-2	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 005
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide*	34454-97-2	mg/kg	0.01		
Perfluorobutanesulfonyl fluoride*	375-72-4	mg/kg	0.01		
Perfluorobutanesulphonyl chloride*	2991-84-6	mg/kg	0.01		
Zinc nonafluorobutanesulphonate*	502457-69-4	mg/kg	0.01		
Magnesium nonafluorobutanesulfonate*	507453-86-3	mg/kg	0.01		
Perfluoropentanoic acid	2706-90-3	mg/kg	0.01		
Sodium perfluorovalerate*	2706-89-0	mg/kg	0.01		
Potassium perfluoropentanoate*	336-23-2	mg/kg	0.01		
Nonafluoropentanoic acid, ammonium salt*	68259-11-0	mg/kg	0.01	ND	ND
Perfluoropentanoate*	45167-47-3	mg/kg	0.01		
Silver perfluoropentanoate*	2795-30-4	mg/kg	0.01		
Lithium perfluoropentanoate*	198482-22-3	mg/kg	0.01		
Perfluorohexanoic acid	307-24-4	mg/kg	0.01		
Sodium perfluorohexanoate*	2923-26-4	mg/kg	0.01		
Potassium perfluorohexanoate*	3109-94-2	mg/kg	0.01		
Ammonium undecafluorohexanoate*	21615-47-4	mg/kg	0.01		
Silver perfluorohexanoate*	336-02-7	mg/kg	0.01	ND	ND
Perfluorohexanoate*	92612-52-7	mg/kg	0.01		
Lithium perfluorohexanoate*	90430-61-8	mg/kg	0.01		
Undecafluorohexanoic acid-piperazine (1:1)*	423-47-2	mg/kg	0.01		
Undecafluorohexanoic acid--hexan-1-amine (1/1)*	565225-91-4	mg/kg	0.01		
7H-Dodecafluoroheptanoic acid	1546-95-8	mg/kg	0.01		
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate*	376-34-1	mg/kg	0.01		
7-H-Perfluoroheptanoate*	69681-35-2	mg/kg	0.01		
Sodium 7H-perfluoroheptanoate*	2264-25-7	mg/kg	0.01		
Perfluoroheptanoic acid	375-85-9	mg/kg	0.01		
Sodium perfluoroheptanoate*	20109-59-5	mg/kg	0.01		
Potassium perfluoroheptanoate*	21049-36-5	mg/kg	0.01	ND	ND
Perfluoroheptanamide*	2358-22-7	mg/kg	0.01		
Ammonium perfluoroheptanoate*	6130-43-4	mg/kg	0.01		
Silver perfluoroheptanoate*	424-05-5	mg/kg	0.01		
Lithium perfluoroheptanoate*	60871-90-1	mg/kg	0.01		
Perfluoroheptanoate*	120885-29-2	mg/kg	0.01		
Cesium perfluoroheptanoate*	171198-24-6	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonic acid	27619-97-2	mg/kg	0.01	ND	ND
6:2 Fluorotelomer sulfonate sodium salt*	27619-94-9	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 005
6:2 Fluorotelomer sulfonate barium salt*	1807944-82-6	mg/kg	0.01		
Potassium 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonate*	59587-38-1	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonate*	425670-75-3	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-octanesulfonic Acid Ammonium Salt*	59587-39-2	mg/kg	0.01		
Perfluorohexanesulfonic acid	355-46-4	mg/kg	0.01	ND	ND
Sodium perfluorohexanesulfonate*	82382-12-5	mg/kg	0.01		
Potassium perfluorohexanesulfonate*	3871-99-6	mg/kg	0.01		
Perfluorohexanesulfonate*	108427-53-8	mg/kg	0.01		
Triethylammonium perfluorohexane sulfonate*	72033-41-1	mg/kg	0.01		
Tetraethylammonium perfluorohexane sulfonate*	108427-55-0	mg/kg	0.01		
Lithium perfluorohexanesulfonate*	55120-77-9	mg/kg	0.01		
Ammonium perfluorohexanesulfonate*	68259-08-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	70225-16-0	mg/kg	0.01		
Perfluorohexanesulfonic acid, zinc salt*	70136-72-0	mg/kg	0.01		
Perfluorohexanesulphonyl fluoride*	423-50-7	mg/kg	0.01		
Perfluorohexanesulfonic acid, cesium salt (1:1)*	92011-17-1	mg/kg	0.01		
Perfluorodecanoic acid	335-76-2	mg/kg	0.01	ND	ND
Sodium Perfluorodecanoate*	3830-45-3	mg/kg	0.01		
Ammonium perfluorodecanoate*	3108-42-7	mg/kg	0.01		
Nonadecafluorodecanoate*	73829-36-4	mg/kg	0.01		
Potassium perfluorodecanoate*	51604-85-4	mg/kg	0.01		
Lithium perfluorodecanoate*	84743-32-8	mg/kg	0.01		
Silver perfluorodecanoate*	5784-82-7	mg/kg	0.01	ND	ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg	0.01		
Perfluorodecanesulfonate*	126105-34-8	mg/kg	0.01		
Sodium perfluorodecanesulfonate*	2806-15-7	mg/kg	0.01		
Perfluorodecanesulfonate potassium*	2806-16-8	mg/kg	0.01	ND	ND
Perfluorodecanesulfonic acid ammonium salt*	67906-42-7	mg/kg	0.01		
Perfluoroheptanesulfonic acid	375-92-8	mg/kg	0.01	ND	ND
Sodium perfluoroheptane sulfonate*	21934-50-9	mg/kg	0.01		
Potassium perfluoroheptanesulfonate*	60270-55-5	mg/kg	0.01		
Perfluoroheptanesulfonate*	146689-46-5	mg/kg	0.01		
Lithium perfluoroheptanesulfonate*	117806-54-9	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	70225-15-9	mg/kg	0.01		
Ammonium perfluoroheptanesulfonate*	68259-07-4	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

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Compounds Name	CAS No	Unit	MDL	Limit	Result 005
Triethylammonium perfluoroheptane sulfonate*	72033-40-0	mg/kg	0.01		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg	0.01	ND	ND
Perfluoropentanesulfonate*	175905-36-9	mg/kg	0.01		
Potassium perfluoropentane-1-sulphonate*	3872-25-1	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate*	68259-09-6	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	70225-17-1	mg/kg	0.01		
Sodium perfluoropentanesulfonate*	630402-22-1	mg/kg	0.01	ND	ND
Triethylammonium perfluoropentane sulfonate*	72033-42-2	mg/kg	0.01		
Lithium perfluoropentane sulfonate*	1046864-81-6	mg/kg	0.01		
Perfluoropropionic acid	422-64-0	mg/kg	0.01		
Sodium pentafluoropropionate*	378-77-8	mg/kg	0.01		
Potassium pentafluoropropionate*	378-76-7	mg/kg	0.01	ND	ND
Silver perfluoropropanoate*	509-09-1	mg/kg	0.01		
Perfluoropropanoate*	44864-55-3	mg/kg	0.01		
Ammonium pentafluoropropionate*	2730-58-7	mg/kg	0.01		
Perfluoro-3,7-dimethyloctanoic acid	172155-07-6	mg/kg	0.01		
2H,2H,3H,3H-Perfluoroundecanoic acid	34598-33-9	mg/kg	0.01	ND	ND
Potassium 1H,1H,2H,2H-perfluoroundecanoate*	83310-58-1	mg/kg	0.01		
Lithium 3-(perfluorooctyl)propanoate*	67304-23-8	mg/kg	0.01	ND	ND
Perfluorooctanesulfonamide	754-91-6	mg/kg	0.01		
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	76752-82-4	mg/kg	0.01		
Perfluorooctanesulfonamide lithium salt (1:1)*	76752-79-9	mg/kg	0.01		
Perfluorooctanesulfonamide sodium salt (1:1)*	76752-78-8	mg/kg	0.01		
Perfluorooctanesulfonamide ammonium salt (1:1)*	76752-72-2	mg/kg	0.01	ND	ND
Perfluorooctanesulfonamide potassium salt (1:1)*	76752-70-0	mg/kg	0.01		
N-methylperfluorooctanesulfonamide	31506-32-8	mg/kg	0.01		
N-Ethylperfluorooctanesulfonamide	4151-50-2	mg/kg	0.01		
N-Methylperfluorooctanesulfonamidoethanol	24448-09-7	mg/kg	0.01		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2	mg/kg	0.01	ND	ND
Perfluoroundecanoic acid	2058-94-8	mg/kg	0.01		
Perfluoroundecanoate*	196859-54-8	mg/kg	0.01		
Sodium perfluoroundecanoate*	60871-96-7	mg/kg	0.01		
Potassium perfluoroundecanoate*	30377-53-8	mg/kg	0.01		
Ammonium perfluoroundecanoate*	4234-23-5	mg/kg	0.01		
Calcium perfluoroundecanoate*	97163-17-2	mg/kg	0.01		
Perfluorododecanoic acid	307-55-1	mg/kg	0.01		
Ammonium perfluorododecanoate*	3793-74-6	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 005
Perfluorododecanoate*	171978-95-3	mg/kg	0.01		
Sodium Perfluorododecanoate*	60872-01-7	mg/kg	0.01		
Perfluorotridecanoic acid	72629-94-8	mg/kg	0.01		
Perfluorotridecanoate*	862374-87-6	mg/kg	0.01		
Ammonium perfluorotridecanoate*	4288-72-6	mg/kg	0.01	ND	ND
Perfluorotetradecanoic acid*	376-06-7	mg/kg	0.01		
Perfluorotetradecanoate*	365971-87-5	mg/kg	0.01		
1H,1H,2H,2H-perfluorohexane sulfonate acid	757124-72-4	mg/kg	0.01		
4:2 Fluorotelomer sulfonate*	414911-30-1	mg/kg	0.01	ND	ND
Sodium 1H,1H,2H,2H-perfluoro-1-hexanesulfonate*	27619-93-8	mg/kg	0.01		
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	mg/kg	0.01		
2-(Perfluorooctyl)ethane-1-sulfonate*	481071-78-7	mg/kg	0.01		
8:2 Fluorotelomer sulfonate ammonium salt*	149724-40-3	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium*	27619-96-1	mg/kg	0.01		
Potassium 2-(perfluorooctyl)ethane-1-sulfonate*	438237-73-1	mg/kg	0.01		
1H,1H,2H,2H-Perfluorododecane sulfonic acid	120226-60-0	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium*	108026-35-3	mg/kg	0.01		
Perfluorooctadecanoic acid	16517-11-6	mg/kg	0.01		
Perfluorooctadecanoate anion*	798556-82-8	mg/kg	0.01		
Perfluorohexadecanoic acid	67905-19-5	mg/kg	0.01	ND	ND
Hentriacontafluorohexadecanoate anion*	1214264-30-8	mg/kg	0.01		
2H,2H Perfluorodecane Acid	27854-31-5	mg/kg	0.01	ND	ND
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate*	882489-14-7	mg/kg	0.01		
N-methylperfluorooctane sulfonamidoacetic acid	2355-31-9	mg/kg	0.01		
N-(Heptadecafluorooctylsulfonyl)-N-methylglycine potassium salt*	70281-93-5	mg/kg	0.01		
2-(N-Methylperfluorooctanesulfonamido)acetate*	909405-48-7	mg/kg	0.01		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6/1336-61-4	mg/kg	0.01	ND	ND
Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate*	2991-52-8	mg/kg	0.01		
2-(N-Ethyl-perfluorooctanesulfonamido)acetate*	909405-49-8	mg/kg	0.01		
Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate*	3871-50-9	mg/kg	0.01		
potassium N-ethyl-N-((heptadecafluorooctyl)sulphonyl)glycinate*	2991-51-7	mg/kg	0.01		
8:2 Fluorotelomer phosphate diester	678-41-1	mg/kg	0.01	ND	ND

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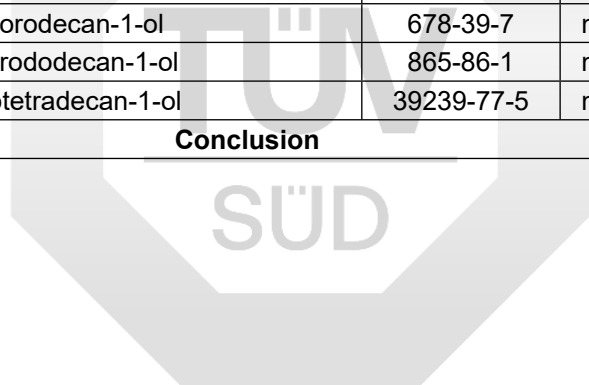
Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 005
Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate*	114519-85-6	mg/kg	0.01	ND	ND
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid	13252-13-6	mg/kg	0.01		
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)*	-	mg/kg	0.01		
Triethylaminium perfluoro-2-propoxypropanoate*	165951-18-8	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid-N-propylpropan-1-amine (1:1)*	165951-17-7	mg/kg	0.01		
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67118-55-2	mg/kg	0.01		
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	62037-80-3	mg/kg	0.01		
sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67963-75-1	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(perfluoropropoxy)propanoyl fluoride*	2062-98-8	mg/kg	0.01		
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-methyl-	68259-15-4	mg/kg	0.01	ND	ND
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-	41997-13-1	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorohexan-1-ol	2043-47-2	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecan-1-ol	678-39-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecan-1-ol	865-86-1	mg/kg	0.2	ND	ND
H,1H,2H,2H-perfluorotetradecan-1-ol	39239-77-5	mg/kg	0.2	ND	ND
Conclusion					Pass





Compounds Name	CAS No	Unit	MDL	Limit	Result 006
1H,1H,2H,2H-Heptadecafluorodecyl methacrylate	1996-88-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate	2144-54-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate	2144-53-8	mg/kg	0.2	ND	ND
Perfluorooctyl iodide	507-63-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorooctyl acrylate	17527-29-6	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorododecyl acrylate	17741-60-5	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane	101947-16-4	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Heptadecafluorodecyl iodide	2043-53-0	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl iodide	2043-54-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide	30046-31-2	mg/kg	0.2	ND	ND
Perfluorooctanesulfonic acid	1763-23-1	mg/kg	0.01	ND	ND
Perfluorooctanesulfonyl fluoride*	307-35-7	mg/kg	0.01		
Potassium perfluorooctanesulfonate*	2795-39-3	mg/kg	0.01		
Ammonium perfluorooctanesulfonate*	29081-56-9	mg/kg	0.01		
1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)*	251099-16-8	mg/kg	0.01		
Diethanolamine perfluorooctanesulfonate*	70225-14-8	mg/kg	0.01		
Lithium perfluorooctanesulfonate*	29457-72-5	mg/kg	0.01		
Tetraethylammonium perfluorooctanesulfonate*	56773-42-3	mg/kg	0.01		
Tetramethylammonium perfluorooctane sulfonate*	56773-44-5	mg/kg	0.01		
Sodium perfluorooctanesulfonate*	4021-47-0	mg/kg	0.01		
magnesium bis[heptadecafluorooctanesulphonate]*	91036-71-4	mg/kg	0.01		
Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate*	71463-74-6	mg/kg	0.01		
Perfluorooctanesulfonate*	45298-90-6	mg/kg	0.01		
Perfluorooctanoic acid	335-67-1	mg/kg	0.01	ND	ND
Ammonium perfluorooctanoate*	3825-26-1	mg/kg	0.01		
Sodium perfluorooctanoate*	335-95-5	mg/kg	0.01		
Potassium perfluorooctanoate*	2395-00-8	mg/kg	0.01		
Silver perfluorooctanoate*	335-93-3	mg/kg	0.01		

Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 006
Perfluorooctanoyl fluoride*	335-66-0	mg/kg	0.01		
Perfluorooctanoate*	45285-51-6	mg/kg	0.01		
Lithium perfluorooctanoate*	17125-58-5	mg/kg	0.01		
Pentadecafluorooctanoic acid-pyridine (1/1)*	95658-47-2	mg/kg	0.01		
Perfluorooctanoate N,N,N-trimethylmethanaminium*	32609-65-7	mg/kg	0.01		
Methyl perfluorooctanoate*	376-27-2	mg/kg	0.01		
Ethyl perfluorooctanoate*	3108-24-5	mg/kg	0.01		
Perfluorononanoic acid	375-95-1	mg/kg	0.01		
Sodium perfluorononanoate*	21049-39-8	mg/kg	0.01		
Ammonium perfluorononanoate*	4149-60-4	mg/kg	0.01		
Perfluorononanoate*	72007-68-2	mg/kg	0.01		
Silver perfluorononanoate*	7358-16-9	mg/kg	0.01		
Potassium perfluorononanoate*	21049-38-7	mg/kg	0.01		
Methanaminium perfluorononanoate*	77032-23-6	mg/kg	0.01		
Cyclohexanaminium perfluorononanoate*	328531-06-2	mg/kg	0.01		
N,N-Diethylethanaminium heptadecafluorononanoate*	327176-80-7	mg/kg	0.01		
Perfluorobutanoic acid	375-22-4	mg/kg	0.01		
Sodium perfluorobutanoate*	2218-54-4	mg/kg	0.01		
Perfluorobutyramide*	662-50-0	mg/kg	0.01		
Silver perfluorobutanoate*	3794-64-7	mg/kg	0.01	ND	ND
Perfluorobutanoate*	45048-62-2	mg/kg	0.01		
Ammonium perfluorobutanoate*	10495-86-0	mg/kg	0.01		
Potassium perfluorobutyrate*	2966-54-3	mg/kg	0.01		
Lithium perfluorobutanoate*	4146-76-3	mg/kg	0.01		
Calcium perfluorobutanoate*	2366-98-5	mg/kg	0.01		
Perfluorobutanesulfonic acid	375-73-5	mg/kg	0.01		
Potassium perfluorobutanesulfonate*	29420-49-3	mg/kg	0.01		
Perfluorobutanesulfonic acid hydrate*	59933-66-3	mg/kg	0.01		
Tetraethylazanium nonafluorobutane-1-sulfonate*	25628-08-4	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate*	68259-10-9	mg/kg	0.01		
Perfluorobutanesulfonate*	45187-15-3	mg/kg	0.01		
Tetramethylammonium perfluorobutane sulfonate*	25628-17-5	mg/kg	0.01		
Sodium perfluorobutylsulfonate*	60453-92-1	mg/kg	0.01		
Lithium nonafluorobutanesulfonate*	131651-65-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate*	70225-18-2	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 006
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide*	34454-97-2	mg/kg	0.01		
Perfluorobutanesulfonyl fluoride*	375-72-4	mg/kg	0.01		
Perfluorobutanesulphonyl chloride*	2991-84-6	mg/kg	0.01		
Zinc nonafluorobutanesulphonate*	502457-69-4	mg/kg	0.01		
Magnesium nonafluorobutanesulfonate*	507453-86-3	mg/kg	0.01		
Perfluoropentanoic acid	2706-90-3	mg/kg	0.01	ND	ND
Sodium perfluorovalerate*	2706-89-0	mg/kg	0.01		
Potassium perfluoropentanoate*	336-23-2	mg/kg	0.01		
Nonafluoropentanoic acid, ammonium salt*	68259-11-0	mg/kg	0.01		
Perfluoropentanoate*	45167-47-3	mg/kg	0.01		
Silver perfluoropentanoate*	2795-30-4	mg/kg	0.01	ND	ND
Lithium perfluoropentanoate*	198482-22-3	mg/kg	0.01		
Perfluorohexanoic acid	307-24-4	mg/kg	0.01		
Sodium perfluorohexanoate*	2923-26-4	mg/kg	0.01		
Potassium perfluorohexanoate*	3109-94-2	mg/kg	0.01		
Ammonium undecafluorohexanoate*	21615-47-4	mg/kg	0.01		
Silver perfluorohexanoate*	336-02-7	mg/kg	0.01		
Perfluorohexanoate*	92612-52-7	mg/kg	0.01		
Lithium perfluorohexanoate*	90430-61-8	mg/kg	0.01		
Undecafluorohexanoic acid-piperazine (1:1)*	423-47-2	mg/kg	0.01		
Undecafluorohexanoic acid--hexan-1-amine (1/1)*	565225-91-4	mg/kg	0.01	ND	ND
7H-Dodecafluoroheptanoic acid	1546-95-8	mg/kg	0.01		
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate*	376-34-1	mg/kg	0.01		
7-H-Perfluoroheptanoate*	69681-35-2	mg/kg	0.01		
Sodium 7H-perfluoroheptanoate*	2264-25-7	mg/kg	0.01		
Perfluoroheptanoic acid	375-85-9	mg/kg	0.01		
Sodium perfluoroheptanoate*	20109-59-5	mg/kg	0.01		
Potassium perfluoroheptanoate*	21049-36-5	mg/kg	0.01		
Perfluoroheptanamide*	2358-22-7	mg/kg	0.01		
Ammonium perfluoroheptanoate*	6130-43-4	mg/kg	0.01		
Silver perfluoroheptanoate*	424-05-5	mg/kg	0.01		
Lithium perfluoroheptanoate*	60871-90-1	mg/kg	0.01		
Perfluoroheptanoate*	120885-29-2	mg/kg	0.01		
Cesium perfluoroheptanoate*	171198-24-6	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonic acid	27619-97-2	mg/kg	0.01		
6:2 Fluorotelomer sulfonate sodium salt*	27619-94-9	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 006
6:2 Fluorotelomer sulfonate barium salt*	1807944-82-6	mg/kg	0.01		
Potassium 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonate*	59587-38-1	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonate*	425670-75-3	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-octanesulfonic Acid Ammonium Salt*	59587-39-2	mg/kg	0.01		
Perfluorohexanesulfonic acid	355-46-4	mg/kg	0.01	ND	ND
Sodium perfluorohexanesulfonate*	82382-12-5	mg/kg	0.01		
Potassium perfluorohexanesulfonate*	3871-99-6	mg/kg	0.01		
Perfluorohexanesulfonate*	108427-53-8	mg/kg	0.01		
Triethylammonium perfluorohexane sulfonate*	72033-41-1	mg/kg	0.01		
Tetraethylammonium perfluorohexane sulfonate*	108427-55-0	mg/kg	0.01		
Lithium perfluorohexanesulfonate*	55120-77-9	mg/kg	0.01		
Ammonium perfluorohexanesulfonate*	68259-08-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	70225-16-0	mg/kg	0.01		
Perfluorohexanesulfonic acid, zinc salt*	70136-72-0	mg/kg	0.01		
Perfluorohexanesulphonyl fluoride*	423-50-7	mg/kg	0.01		
Perfluorohexanesulfonic acid, cesium salt (1:1)*	92011-17-1	mg/kg	0.01	ND	ND
Perfluorodecanoic acid	335-76-2	mg/kg	0.01		
Sodium Perfluorodecanoate*	3830-45-3	mg/kg	0.01		
Ammonium perfluorodecanoate*	3108-42-7	mg/kg	0.01		
Nonadecafluorodecanoate*	73829-36-4	mg/kg	0.01		
Potassium perfluorodecanoate*	51604-85-4	mg/kg	0.01		
Lithium perfluorodecanoate*	84743-32-8	mg/kg	0.01		
Silver perfluorodecanoate*	5784-82-7	mg/kg	0.01	ND	ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg	0.01		
Perfluorodecanesulfonate*	126105-34-8	mg/kg	0.01		
Sodium perfluorodecanesulfonate*	2806-15-7	mg/kg	0.01		
Perfluorodecanesulfonate potassium*	2806-16-8	mg/kg	0.01		
Perfluorodecanesulfonic acid ammonium salt*	67906-42-7	mg/kg	0.01	ND	ND
Perfluoroheptanesulfonic acid	375-92-8	mg/kg	0.01		
Sodium perfluoroheptane sulfonate*	21934-50-9	mg/kg	0.01		
Potassium perfluoroheptanesulfonate*	60270-55-5	mg/kg	0.01		
Perfluoroheptanesulfonate*	146689-46-5	mg/kg	0.01		
Lithium perfluoroheptanesulfonate*	117806-54-9	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	70225-15-9	mg/kg	0.01		
Ammonium perfluoroheptanesulfonate*	68259-07-4	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 006
Triethylammonium perfluoroheptane sulfonate*	72033-40-0	mg/kg	0.01		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg	0.01	ND	ND
Perfluoropentanesulfonate*	175905-36-9	mg/kg	0.01		
Potassium perfluoropentane-1-sulphonate*	3872-25-1	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate*	68259-09-6	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	70225-17-1	mg/kg	0.01		
Sodium perfluoropentanesulfonate*	630402-22-1	mg/kg	0.01		
Triethylammonium perfluoropentane sulfonate*	72033-42-2	mg/kg	0.01		
Lithium perfluoropentane sulfonate*	1046864-81-6	mg/kg	0.01	ND	ND
Perfluoropropionic acid	422-64-0	mg/kg	0.01		
Sodium pentafluoropropionate*	378-77-8	mg/kg	0.01		
Potassium pentafluoropropionate*	378-76-7	mg/kg	0.01		
Silver perfluoropropanoate*	509-09-1	mg/kg	0.01		
Perfluoropropanoate*	44864-55-3	mg/kg	0.01		
Ammonium pentafluoropropionate*	2730-58-7	mg/kg	0.01		
Perfluoro-3,7-dimethyloctanoic acid	172155-07-6	mg/kg	0.01	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic acid	34598-33-9	mg/kg	0.01		
Potassium 1H,1H,2H,2H-perfluoroundecanoate*	83310-58-1	mg/kg	0.01	ND	ND
Lithium 3-(perfluorooctyl)propanoate*	67304-23-8	mg/kg	0.01		
Perfluorooctanesulfonamide	754-91-6	mg/kg	0.01		
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	76752-82-4	mg/kg	0.01	ND	ND
Perfluorooctanesulfonamide lithium salt (1:1)*	76752-79-9	mg/kg	0.01		
Perfluorooctanesulfonamide sodium salt (1:1)*	76752-78-8	mg/kg	0.01		
Perfluorooctanesulfonamide ammonium salt (1:1)*	76752-72-2	mg/kg	0.01		
Perfluorooctanesulfonamide potassium salt (1:1)*	76752-70-0	mg/kg	0.01		
N-methylperfluorooctanesulfonamide	31506-32-8	mg/kg	0.01	ND	ND
N-Ethylperfluorooctanesulfonamide	4151-50-2	mg/kg	0.01	ND	ND
N-Methylperfluorooctanesulfonamidoethanol	24448-09-7	mg/kg	0.01	ND	ND
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2	mg/kg	0.01	ND	ND
Perfluoroundecanoic acid	2058-94-8	mg/kg	0.01	ND	ND
Perfluoroundecanoate*	196859-54-8	mg/kg	0.01		
Sodium perfluoroundecanoate*	60871-96-7	mg/kg	0.01		
Potassium perfluoroundecanoate*	30377-53-8	mg/kg	0.01		
Ammonium perfluoroundecanoate*	4234-23-5	mg/kg	0.01		
Calcium perfluoroundecanoate*	97163-17-2	mg/kg	0.01		
Perfluorododecanoic acid	307-55-1	mg/kg	0.01		
Ammonium perfluorododecanoate*	3793-74-6	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 006
Perfluorododecanoate*	171978-95-3	mg/kg	0.01		
Sodium Perfluorododecanoate*	60872-01-7	mg/kg	0.01		
Perfluorotridecanoic acid	72629-94-8	mg/kg	0.01		
Perfluorotridecanoate*	862374-87-6	mg/kg	0.01		
Ammonium perfluorotridecanoate*	4288-72-6	mg/kg	0.01	ND	ND
Perfluorotetradecanoic acid*	376-06-7	mg/kg	0.01		
Perfluorotetradecanoate*	365971-87-5	mg/kg	0.01		
1H,1H,2H,2H-perfluorohexane sulfonate acid	757124-72-4	mg/kg	0.01		
4:2 Fluorotelomer sulfonate*	414911-30-1	mg/kg	0.01	ND	ND
Sodium 1H,1H,2H,2H-perfluoro-1-hexanesulfonate*	27619-93-8	mg/kg	0.01		
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	mg/kg	0.01		
2-(Perfluorooctyl)ethane-1-sulfonate*	481071-78-7	mg/kg	0.01		
8:2 Fluorotelomer sulfonate ammonium salt*	149724-40-3	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium*	27619-96-1	mg/kg	0.01		
Potassium 2-(perfluorooctyl)ethane-1-sulfonate*	438237-73-1	mg/kg	0.01		
1H,1H,2H,2H-Perfluorododecane sulfonic acid	120226-60-0	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium*	108026-35-3	mg/kg	0.01		
Perfluorooctadecanoic acid	16517-11-6	mg/kg	0.01		
Perfluorooctadecanoate anion*	798556-82-8	mg/kg	0.01		
Perfluorohexadecanoic acid	67905-19-5	mg/kg	0.01	ND	ND
Hentriacontafluorohexadecanoate anion*	1214264-30-8	mg/kg	0.01		
2H,2H Perfluorodecane Acid	27854-31-5	mg/kg	0.01	ND	ND
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate*	882489-14-7	mg/kg	0.01		
N-methylperfluorooctane sulfonamidoacetic acid	2355-31-9	mg/kg	0.01		
N-(Heptadecafluorooctylsulfonyl)-N-methylglycine potassium salt*	70281-93-5	mg/kg	0.01		
2-(N-Methylperfluorooctanesulfonamido)acetate*	909405-48-7	mg/kg	0.01		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6/1336-61-4	mg/kg	0.01	ND	ND
Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate*	2991-52-8	mg/kg	0.01		
2-(N-Ethyl-perfluorooctanesulfonamido)acetate*	909405-49-8	mg/kg	0.01		
Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate*	3871-50-9	mg/kg	0.01		
potassium N-ethyl-N-((heptadecafluorooctyl)sulphonyl)glycinate*	2991-51-7	mg/kg	0.01		
8:2 Fluorotelomer phosphate diester	678-41-1	mg/kg	0.01	ND	ND

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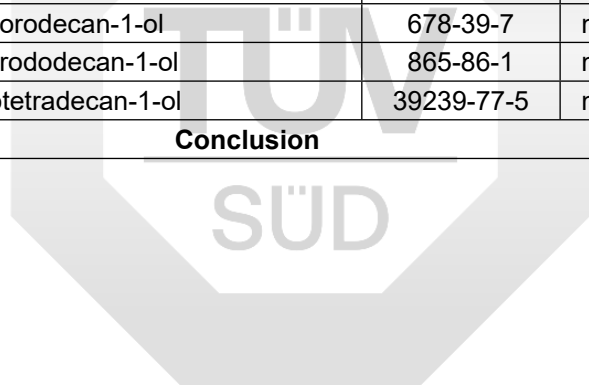
Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 006
Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate*	114519-85-6	mg/kg	0.01	ND	ND
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid	13252-13-6	mg/kg	0.01		
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)*	-	mg/kg	0.01		
Triethylaminium perfluoro-2-propoxypropanoate*	165951-18-8	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid-N-propylpropan-1-amine (1:1)*	165951-17-7	mg/kg	0.01		
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67118-55-2	mg/kg	0.01		
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	62037-80-3	mg/kg	0.01		
sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67963-75-1	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(perfluoropropoxy)propanoyl fluoride*	2062-98-8	mg/kg	0.01		
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-methyl-	68259-15-4	mg/kg	0.01	ND	ND
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-	41997-13-1	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorohexan-1-ol	2043-47-2	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecan-1-ol	678-39-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecan-1-ol	865-86-1	mg/kg	0.2	ND	ND
H,1H,2H,2H-perfluorotetradecan-1-ol	39239-77-5	mg/kg	0.2	ND	ND
Conclusion					Pass





Compounds Name	CAS No	Unit	MDL	Limit	Result 007
1H,1H,2H,2H-Heptadecafluorodecyl methacrylate	1996-88-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate	2144-54-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate	2144-53-8	mg/kg	0.2	ND	ND
Perfluorooctyl iodide	507-63-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorooctyl acrylate	17527-29-6	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorododecyl acrylate	17741-60-5	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane	101947-16-4	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Heptadecafluorodecyl iodide	2043-53-0	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl iodide	2043-54-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide	30046-31-2	mg/kg	0.2	ND	ND
Perfluorooctanesulfonic acid	1763-23-1	mg/kg	0.01	ND	ND
Perfluorooctanesulfonyl fluoride*	307-35-7	mg/kg	0.01		
Potassium perfluorooctanesulfonate*	2795-39-3	mg/kg	0.01		
Ammonium perfluorooctanesulfonate*	29081-56-9	mg/kg	0.01		
1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)*	251099-16-8	mg/kg	0.01		
Diethanolamine perfluorooctanesulfonate*	70225-14-8	mg/kg	0.01		
Lithium perfluorooctanesulfonate*	29457-72-5	mg/kg	0.01		
Tetraethylammonium perfluorooctanesulfonate*	56773-42-3	mg/kg	0.01		
Tetramethylammonium perfluorooctane sulfonate*	56773-44-5	mg/kg	0.01		
Sodium perfluorooctanesulfonate*	4021-47-0	mg/kg	0.01		
magnesium bis[heptadecafluorooctanesulphonate]*	91036-71-4	mg/kg	0.01		
Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate*	71463-74-6	mg/kg	0.01		
Perfluorooctanesulfonate*	45298-90-6	mg/kg	0.01		
Perfluorooctanoic acid	335-67-1	mg/kg	0.01	ND	ND
Ammonium perfluorooctanoate*	3825-26-1	mg/kg	0.01		
Sodium perfluorooctanoate*	335-95-5	mg/kg	0.01		
Potassium perfluorooctanoate*	2395-00-8	mg/kg	0.01		
Silver perfluorooctanoate*	335-93-3	mg/kg	0.01		

Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 007
Perfluorooctanoyl fluoride*	335-66-0	mg/kg	0.01		
Perfluorooctanoate*	45285-51-6	mg/kg	0.01		
Lithium perfluorooctanoate*	17125-58-5	mg/kg	0.01		
Pentadecafluorooctanoic acid-pyridine (1/1)*	95658-47-2	mg/kg	0.01		
Perfluorooctanoate N,N,N-trimethylmethanaminium*	32609-65-7	mg/kg	0.01		
Methyl perfluorooctanoate*	376-27-2	mg/kg	0.01		
Ethyl perfluorooctanoate*	3108-24-5	mg/kg	0.01		
Perfluorononanoic acid	375-95-1	mg/kg	0.01		
Sodium perfluorononanoate*	21049-39-8	mg/kg	0.01		
Ammonium perfluorononanoate*	4149-60-4	mg/kg	0.01		
Perfluorononanoate*	72007-68-2	mg/kg	0.01		
Silver perfluorononanoate*	7358-16-9	mg/kg	0.01		
Potassium perfluorononanoate*	21049-38-7	mg/kg	0.01		
Methanaminium perfluorononanoate*	77032-23-6	mg/kg	0.01		
Cyclohexanaminium perfluorononanoate*	328531-06-2	mg/kg	0.01		
N,N-Diethylethanaminium heptadecafluorononanoate*	327176-80-7	mg/kg	0.01		
Perfluorobutanoic acid	375-22-4	mg/kg	0.01		
Sodium perfluorobutanoate*	2218-54-4	mg/kg	0.01		
Perfluorobutyramide*	662-50-0	mg/kg	0.01		
Silver perfluorobutanoate*	3794-64-7	mg/kg	0.01	ND	ND
Perfluorobutanoate*	45048-62-2	mg/kg	0.01		
Ammonium perfluorobutanoate*	10495-86-0	mg/kg	0.01		
Potassium perfluorobutyrate*	2966-54-3	mg/kg	0.01		
Lithium perfluorobutanoate*	4146-76-3	mg/kg	0.01		
Calcium perfluorobutanoate*	2366-98-5	mg/kg	0.01		
Perfluorobutanesulfonic acid	375-73-5	mg/kg	0.01		
Potassium perfluorobutanesulfonate*	29420-49-3	mg/kg	0.01		
Perfluorobutanesulfonic acid hydrate*	59933-66-3	mg/kg	0.01		
Tetraethylazanium nonafluorobutane-1-sulfonate*	25628-08-4	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate*	68259-10-9	mg/kg	0.01		
Perfluorobutanesulfonate*	45187-15-3	mg/kg	0.01		
Tetramethylammonium perfluorobutane sulfonate*	25628-17-5	mg/kg	0.01		
Sodium perfluorobutylsulfonate*	60453-92-1	mg/kg	0.01		
Lithium nonafluorobutanesulfonate*	131651-65-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate*	70225-18-2	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 007
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide*	34454-97-2	mg/kg	0.01		
Perfluorobutanesulfonyl fluoride*	375-72-4	mg/kg	0.01		
Perfluorobutanesulphonyl chloride*	2991-84-6	mg/kg	0.01		
Zinc nonafluorobutanesulphonate*	502457-69-4	mg/kg	0.01		
Magnesium nonafluorobutanesulfonate*	507453-86-3	mg/kg	0.01		
Perfluoropentanoic acid	2706-90-3	mg/kg	0.01		
Sodium perfluorovalerate*	2706-89-0	mg/kg	0.01		
Potassium perfluoropentanoate*	336-23-2	mg/kg	0.01		
Nonafluoropentanoic acid, ammonium salt*	68259-11-0	mg/kg	0.01	ND	ND
Perfluoropentanoate*	45167-47-3	mg/kg	0.01		
Silver perfluoropentanoate*	2795-30-4	mg/kg	0.01		
Lithium perfluoropentanoate*	198482-22-3	mg/kg	0.01		
Perfluorohexanoic acid	307-24-4	mg/kg	0.01		
Sodium perfluorohexanoate*	2923-26-4	mg/kg	0.01		
Potassium perfluorohexanoate*	3109-94-2	mg/kg	0.01		
Ammonium undecafluorohexanoate*	21615-47-4	mg/kg	0.01		
Silver perfluorohexanoate*	336-02-7	mg/kg	0.01	ND	ND
Perfluorohexanoate*	92612-52-7	mg/kg	0.01		
Lithium perfluorohexanoate*	90430-61-8	mg/kg	0.01		
Undecafluorohexanoic acid-piperazine (1:1)*	423-47-2	mg/kg	0.01		
Undecafluorohexanoic acid--hexan-1-amine (1/1)*	565225-91-4	mg/kg	0.01		
7H-Dodecafluoroheptanoic acid	1546-95-8	mg/kg	0.01		
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate*	376-34-1	mg/kg	0.01		
7-H-Perfluoroheptanoate*	69681-35-2	mg/kg	0.01		
Sodium 7H-perfluoroheptanoate*	2264-25-7	mg/kg	0.01		
Perfluoroheptanoic acid	375-85-9	mg/kg	0.01		
Sodium perfluoroheptanoate*	20109-59-5	mg/kg	0.01		
Potassium perfluoroheptanoate*	21049-36-5	mg/kg	0.01	ND	ND
Perfluoroheptanamide*	2358-22-7	mg/kg	0.01		
Ammonium perfluoroheptanoate*	6130-43-4	mg/kg	0.01		
Silver perfluoroheptanoate*	424-05-5	mg/kg	0.01		
Lithium perfluoroheptanoate*	60871-90-1	mg/kg	0.01		
Perfluoroheptanoate*	120885-29-2	mg/kg	0.01		
Cesium perfluoroheptanoate*	171198-24-6	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonic acid	27619-97-2	mg/kg	0.01	ND	ND
6:2 Fluorotelomer sulfonate sodium salt*	27619-94-9	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 007
6:2 Fluorotelomer sulfonate barium salt*	1807944-82-6	mg/kg	0.01		
Potassium 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonate*	59587-38-1	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonate*	425670-75-3	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-octanesulfonic Acid Ammonium Salt*	59587-39-2	mg/kg	0.01		
Perfluorohexanesulfonic acid	355-46-4	mg/kg	0.01	ND	ND
Sodium perfluorohexanesulfonate*	82382-12-5	mg/kg	0.01		
Potassium perfluorohexanesulfonate*	3871-99-6	mg/kg	0.01		
Perfluorohexanesulfonate*	108427-53-8	mg/kg	0.01		
Triethylammonium perfluorohexane sulfonate*	72033-41-1	mg/kg	0.01		
Tetraethylammonium perfluorohexane sulfonate*	108427-55-0	mg/kg	0.01		
Lithium perfluorohexanesulfonate*	55120-77-9	mg/kg	0.01		
Ammonium perfluorohexanesulfonate*	68259-08-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	70225-16-0	mg/kg	0.01		
Perfluorohexanesulfonic acid, zinc salt*	70136-72-0	mg/kg	0.01		
Perfluorohexanesulphonyl fluoride*	423-50-7	mg/kg	0.01		
Perfluorohexanesulfonic acid, cesium salt (1:1)*	92011-17-1	mg/kg	0.01		
Perfluorodecanoic acid	335-76-2	mg/kg	0.01	ND	ND
Sodium Perfluorodecanoate*	3830-45-3	mg/kg	0.01		
Ammonium perfluorodecanoate*	3108-42-7	mg/kg	0.01		
Nonadecafluorodecanoate*	73829-36-4	mg/kg	0.01		
Potassium perfluorodecanoate*	51604-85-4	mg/kg	0.01		
Lithium perfluorodecanoate*	84743-32-8	mg/kg	0.01		
Silver perfluorodecanoate*	5784-82-7	mg/kg	0.01	ND	ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg	0.01		
Perfluorodecanesulfonate*	126105-34-8	mg/kg	0.01		
Sodium perfluorodecanesulfonate*	2806-15-7	mg/kg	0.01		
Perfluorodecanesulfonate potassium*	2806-16-8	mg/kg	0.01		
Perfluorodecanesulfonic acid ammonium salt*	67906-42-7	mg/kg	0.01	ND	ND
Perfluoroheptanesulfonic acid	375-92-8	mg/kg	0.01		
Sodium perfluoroheptane sulfonate*	21934-50-9	mg/kg	0.01		
Potassium perfluoroheptanesulfonate*	60270-55-5	mg/kg	0.01		
Perfluoroheptanesulfonate*	146689-46-5	mg/kg	0.01		
Lithium perfluoroheptanesulfonate*	117806-54-9	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	70225-15-9	mg/kg	0.01		
Ammonium perfluoroheptanesulfonate*	68259-07-4	mg/kg	0.01		

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No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 007		
Triethylammonium perfluoroheptane sulfonate*	72033-40-0	mg/kg	0.01				
Perfluoropentanesulfonic acid	2706-91-4	mg/kg	0.01	ND	ND		
Perfluoropentanesulfonate*	175905-36-9	mg/kg	0.01				
Potassium perfluoropentane-1-sulphonate*	3872-25-1	mg/kg	0.01				
Ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate*	68259-09-6	mg/kg	0.01				
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	70225-17-1	mg/kg	0.01				
Sodium perfluoropentanesulfonate*	630402-22-1	mg/kg	0.01				
Triethylammonium perfluoropentane sulfonate*	72033-42-2	mg/kg	0.01				
Lithium perfluoropentane sulfonate*	1046864-81-6	mg/kg	0.01				
Perfluoropropionic acid	422-64-0	mg/kg	0.01			ND	ND
Sodium pentafluoropropionate*	378-77-8	mg/kg	0.01				
Potassium pentafluoropropionate*	378-76-7	mg/kg	0.01				
Silver perfluoropropanoate*	509-09-1	mg/kg	0.01				
Perfluoropropanoate*	44864-55-3	mg/kg	0.01				
Ammonium pentafluoropropionate*	2730-58-7	mg/kg	0.01				
Perfluoro-3,7-dimethyloctanoic acid	172155-07-6	mg/kg	0.01	ND	ND		
2H,2H,3H,3H-Perfluoroundecanoic acid	34598-33-9	mg/kg	0.01	ND	ND		
Potassium 1H,1H,2H,2H-perfluoroundecanoate*	83310-58-1	mg/kg	0.01				
Lithium 3-(perfluorooctyl)propanoate*	67304-23-8	mg/kg	0.01				
Perfluorooctanesulfonamide	754-91-6	mg/kg	0.01	ND	ND		
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	76752-82-4	mg/kg	0.01				
Perfluorooctanesulfonamide lithium salt (1:1)*	76752-79-9	mg/kg	0.01				
Perfluorooctanesulfonamide sodium salt (1:1)*	76752-78-8	mg/kg	0.01				
Perfluorooctanesulfonamide ammonium salt (1:1)*	76752-72-2	mg/kg	0.01				
Perfluorooctanesulfonamide potassium salt (1:1)*	76752-70-0	mg/kg	0.01	ND	ND		
N-methylperfluorooctanesulfonamide	31506-32-8	mg/kg	0.01	ND	ND		
N-Ethylperfluorooctanesulfonamide	4151-50-2	mg/kg	0.01	ND	ND		
N-Methylperfluorooctanesulfonamidoethanol	24448-09-7	mg/kg	0.01	ND	ND		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2	mg/kg	0.01	ND	ND		
Perfluoroundecanoic acid	2058-94-8	mg/kg	0.01	ND	ND		
Perfluoroundecanoate*	196859-54-8	mg/kg	0.01				
Sodium perfluoroundecanoate*	60871-96-7	mg/kg	0.01				
Potassium perfluoroundecanoate*	30377-53-8	mg/kg	0.01				
Ammonium perfluoroundecanoate*	4234-23-5	mg/kg	0.01				
Calcium perfluoroundecanoate*	97163-17-2	mg/kg	0.01				
Perfluorododecanoic acid	307-55-1	mg/kg	0.01				
Ammonium perfluorododecanoate*	3793-74-6	mg/kg	0.01				

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Floor 11-12, No 151, Hengtong Road, Jing'an District, Shanghai

Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 007
Perfluorododecanoate*	171978-95-3	mg/kg	0.01		
Sodium Perfluorododecanoate*	60872-01-7	mg/kg	0.01		
Perfluorotridecanoic acid	72629-94-8	mg/kg	0.01		
Perfluorotridecanoate*	862374-87-6	mg/kg	0.01		
Ammonium perfluorotridecanoate*	4288-72-6	mg/kg	0.01	ND	ND
Perfluorotetradecanoic acid*	376-06-7	mg/kg	0.01		
Perfluorotetradecanoate*	365971-87-5	mg/kg	0.01		
1H,1H,2H,2H-perfluorohexane sulfonate acid	757124-72-4	mg/kg	0.01		
4:2 Fluorotelomer sulfonate*	414911-30-1	mg/kg	0.01	ND	ND
Sodium 1H,1H,2H,2H-perfluoro-1-hexanesulfonate*	27619-93-8	mg/kg	0.01		
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	mg/kg	0.01		
2-(Perfluorooctyl)ethane-1-sulfonate*	481071-78-7	mg/kg	0.01		
8:2 Fluorotelomer sulfonate ammonium salt*	149724-40-3	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium*	27619-96-1	mg/kg	0.01		
Potassium 2-(perfluorooctyl)ethane-1-sulfonate*	438237-73-1	mg/kg	0.01		
1H,1H,2H,2H-Perfluorododecane sulfonic acid	120226-60-0	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium*	108026-35-3	mg/kg	0.01		
Perfluorooctadecanoic acid	16517-11-6	mg/kg	0.01		
Perfluorooctadecanoate anion*	798556-82-8	mg/kg	0.01		
Perfluorohexadecanoic acid	67905-19-5	mg/kg	0.01	ND	ND
Hentriacontafluorohexadecanoate anion*	1214264-30-8	mg/kg	0.01		
2H,2H Perfluorodecane Acid	27854-31-5	mg/kg	0.01	ND	ND
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate*	882489-14-7	mg/kg	0.01		
N-methylperfluorooctane sulfonamidoacetic acid	2355-31-9	mg/kg	0.01		
N-(Heptadecafluorooctylsulfonyl)-N-methylglycine potassium salt*	70281-93-5	mg/kg	0.01		
2-(N-Methylperfluorooctanesulfonamido)acetate*	909405-48-7	mg/kg	0.01		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6/1336-61-4	mg/kg	0.01	ND	ND
Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate*	2991-52-8	mg/kg	0.01		
2-(N-Ethyl-perfluorooctanesulfonamido)acetate*	909405-49-8	mg/kg	0.01		
Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate*	3871-50-9	mg/kg	0.01		
potassium N-ethyl-N-((heptadecafluorooctyl)sulphonyl)glycinate*	2991-51-7	mg/kg	0.01		
8:2 Fluorotelomer phosphate diester	678-41-1	mg/kg	0.01	ND	ND

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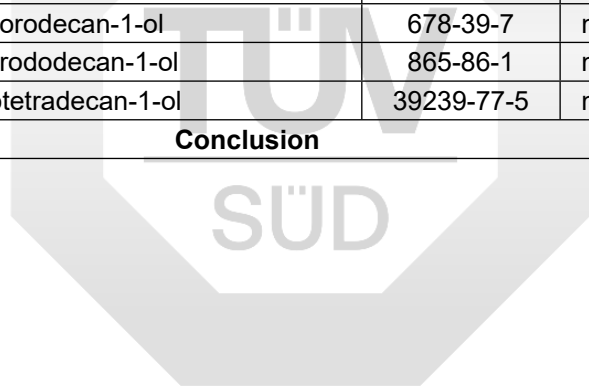
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Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate*	114519-85-6	mg/kg	0.01	ND	ND
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid	13252-13-6	mg/kg	0.01		
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)*	-	mg/kg	0.01		
Triethylaminium perfluoro-2-propoxypropanoate*	165951-18-8	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid-N-propylpropan-1-amine (1:1)*	165951-17-7	mg/kg	0.01		
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67118-55-2	mg/kg	0.01		
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	62037-80-3	mg/kg	0.01		
sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67963-75-1	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(perfluoropropoxy)propanoyl fluoride*	2062-98-8	mg/kg	0.01		
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-methyl-	68259-15-4	mg/kg	0.01	ND	ND
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-	41997-13-1	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorohexan-1-ol	2043-47-2	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecan-1-ol	678-39-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecan-1-ol	865-86-1	mg/kg	0.2	ND	ND
H,1H,2H,2H-perfluorotetradecan-1-ol	39239-77-5	mg/kg	0.2	ND	ND
Conclusion					Pass



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1H,1H,2H,2H-Heptadecafluorodecyl methacrylate	1996-88-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate	2144-54-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate	2144-53-8	mg/kg	0.2	ND	ND
Perfluorooctyl iodide	507-63-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorooctyl acrylate	17527-29-6	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorododecyl acrylate	17741-60-5	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane	101947-16-4	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Heptadecafluorodecyl iodide	2043-53-0	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl iodide	2043-54-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide	30046-31-2	mg/kg	0.2	ND	ND
Perfluorooctanesulfonic acid	1763-23-1	mg/kg	0.01	ND	ND
Perfluorooctanesulfonyl fluoride*	307-35-7	mg/kg	0.01		
Potassium perfluorooctanesulfonate*	2795-39-3	mg/kg	0.01		
Ammonium perfluorooctanesulfonate*	29081-56-9	mg/kg	0.01		
1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)*	251099-16-8	mg/kg	0.01		
Diethanolamine perfluorooctanesulfonate*	70225-14-8	mg/kg	0.01		
Lithium perfluorooctanesulfonate*	29457-72-5	mg/kg	0.01		
Tetraethylammonium perfluorooctanesulfonate*	56773-42-3	mg/kg	0.01		
Tetramethylammonium perfluorooctane sulfonate*	56773-44-5	mg/kg	0.01		
Sodium perfluorooctanesulfonate*	4021-47-0	mg/kg	0.01		
magnesium bis[heptadecafluorooctanesulphonate]*	91036-71-4	mg/kg	0.01		
Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate*	71463-74-6	mg/kg	0.01		
Perfluorooctanesulfonate*	45298-90-6	mg/kg	0.01		
Perfluorooctanoic acid	335-67-1	mg/kg	0.01	ND	ND
Ammonium perfluorooctanoate*	3825-26-1	mg/kg	0.01		
Sodium perfluorooctanoate*	335-95-5	mg/kg	0.01		
Potassium perfluorooctanoate*	2395-00-8	mg/kg	0.01		
Silver perfluorooctanoate*	335-93-3	mg/kg	0.01		

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Perfluorooctanoyl fluoride*	335-66-0	mg/kg	0.01		
Perfluorooctanoate*	45285-51-6	mg/kg	0.01		
Lithium perfluorooctanoate*	17125-58-5	mg/kg	0.01		
Pentadecafluorooctanoic acid-pyridine (1/1)*	95658-47-2	mg/kg	0.01		
Perfluorooctanoate N,N,N-trimethylmethanaminium*	32609-65-7	mg/kg	0.01		
Methyl perfluorooctanoate*	376-27-2	mg/kg	0.01		
Ethyl perfluorooctanoate*	3108-24-5	mg/kg	0.01		
Perfluorononanoic acid	375-95-1	mg/kg	0.01		
Sodium perfluorononanoate*	21049-39-8	mg/kg	0.01		
Ammonium perfluorononanoate*	4149-60-4	mg/kg	0.01		
Perfluorononanoate*	72007-68-2	mg/kg	0.01		
Silver perfluorononanoate*	7358-16-9	mg/kg	0.01		
Potassium perfluorononanoate*	21049-38-7	mg/kg	0.01		
Methanaminium perfluorononanoate*	77032-23-6	mg/kg	0.01		
Cyclohexanaminium perfluorononanoate*	328531-06-2	mg/kg	0.01		
N,N-Diethylethanaminium heptadecafluorononanoate*	327176-80-7	mg/kg	0.01		
Perfluorobutanoic acid	375-22-4	mg/kg	0.01		
Sodium perfluorobutanoate*	2218-54-4	mg/kg	0.01		
Perfluorobutyramide*	662-50-0	mg/kg	0.01		
Silver perfluorobutanoate*	3794-64-7	mg/kg	0.01	ND	ND
Perfluorobutanoate*	45048-62-2	mg/kg	0.01		
Ammonium perfluorobutanoate*	10495-86-0	mg/kg	0.01		
Potassium perfluorobutyrate*	2966-54-3	mg/kg	0.01		
Lithium perfluorobutanoate*	4146-76-3	mg/kg	0.01		
Calcium perfluorobutanoate*	2366-98-5	mg/kg	0.01		
Perfluorobutanesulfonic acid	375-73-5	mg/kg	0.01		
Potassium perfluorobutanesulfonate*	29420-49-3	mg/kg	0.01		
Perfluorobutanesulfonic acid hydrate*	59933-66-3	mg/kg	0.01		
Tetraethylazanium nonafluorobutane-1-sulfonate*	25628-08-4	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate*	68259-10-9	mg/kg	0.01		
Perfluorobutanesulfonate*	45187-15-3	mg/kg	0.01		
Tetramethylammonium perfluorobutane sulfonate*	25628-17-5	mg/kg	0.01		
Sodium perfluorobutylsulfonate*	60453-92-1	mg/kg	0.01		
Lithium nonafluorobutanesulfonate*	131651-65-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate*	70225-18-2	mg/kg	0.01		

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1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide*	34454-97-2	mg/kg	0.01		
Perfluorobutanesulfonyl fluoride*	375-72-4	mg/kg	0.01		
Perfluorobutanesulphonyl chloride*	2991-84-6	mg/kg	0.01		
Zinc nonafluorobutanesulphonate*	502457-69-4	mg/kg	0.01		
Magnesium nonafluorobutanesulfonate*	507453-86-3	mg/kg	0.01		
Perfluoropentanoic acid	2706-90-3	mg/kg	0.01		
Sodium perfluorovalerate*	2706-89-0	mg/kg	0.01		
Potassium perfluoropentanoate*	336-23-2	mg/kg	0.01		
Nonafluoropentanoic acid, ammonium salt*	68259-11-0	mg/kg	0.01	ND	ND
Perfluoropentanoate*	45167-47-3	mg/kg	0.01		
Silver perfluoropentanoate*	2795-30-4	mg/kg	0.01		
Lithium perfluoropentanoate*	198482-22-3	mg/kg	0.01		
Perfluorohexanoic acid	307-24-4	mg/kg	0.01		
Sodium perfluorohexanoate*	2923-26-4	mg/kg	0.01		
Potassium perfluorohexanoate*	3109-94-2	mg/kg	0.01		
Ammonium undecafluorohexanoate*	21615-47-4	mg/kg	0.01		
Silver perfluorohexanoate*	336-02-7	mg/kg	0.01	ND	ND
Perfluorohexanoate*	92612-52-7	mg/kg	0.01		
Lithium perfluorohexanoate*	90430-61-8	mg/kg	0.01		
Undecafluorohexanoic acid-piperazine (1:1)*	423-47-2	mg/kg	0.01		
Undecafluorohexanoic acid--hexan-1-amine (1/1)*	565225-91-4	mg/kg	0.01		
7H-Dodecafluoroheptanoic acid	1546-95-8	mg/kg	0.01		
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate*	376-34-1	mg/kg	0.01		
7-H-Perfluoroheptanoate*	69681-35-2	mg/kg	0.01		
Sodium 7H-perfluoroheptanoate*	2264-25-7	mg/kg	0.01		
Perfluoroheptanoic acid	375-85-9	mg/kg	0.01		
Sodium perfluoroheptanoate*	20109-59-5	mg/kg	0.01		
Potassium perfluoroheptanoate*	21049-36-5	mg/kg	0.01	ND	ND
Perfluoroheptanamide*	2358-22-7	mg/kg	0.01		
Ammonium perfluoroheptanoate*	6130-43-4	mg/kg	0.01		
Silver perfluoroheptanoate*	424-05-5	mg/kg	0.01		
Lithium perfluoroheptanoate*	60871-90-1	mg/kg	0.01		
Perfluoroheptanoate*	120885-29-2	mg/kg	0.01		
Cesium perfluoroheptanoate*	171198-24-6	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonic acid	27619-97-2	mg/kg	0.01	ND	ND
6:2 Fluorotelomer sulfonate sodium salt*	27619-94-9	mg/kg	0.01		

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6:2 Fluorotelomer sulfonate barium salt*	1807944-82-6	mg/kg	0.01		
Potassium 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonate*	59587-38-1	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonate*	425670-75-3	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-octanesulfonic Acid Ammonium Salt*	59587-39-2	mg/kg	0.01		
Perfluorohexanesulfonic acid	355-46-4	mg/kg	0.01	ND	ND
Sodium perfluorohexanesulfonate*	82382-12-5	mg/kg	0.01		
Potassium perfluorohexanesulfonate*	3871-99-6	mg/kg	0.01		
Perfluorohexanesulfonate*	108427-53-8	mg/kg	0.01		
Triethylammonium perfluorohexane sulfonate*	72033-41-1	mg/kg	0.01		
Tetraethylammonium perfluorohexane sulfonate*	108427-55-0	mg/kg	0.01		
Lithium perfluorohexanesulfonate*	55120-77-9	mg/kg	0.01		
Ammonium perfluorohexanesulfonate*	68259-08-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	70225-16-0	mg/kg	0.01		
Perfluorohexanesulfonic acid, zinc salt*	70136-72-0	mg/kg	0.01		
Perfluorohexanesulphonyl fluoride*	423-50-7	mg/kg	0.01		
Perfluorohexanesulfonic acid, cesium salt (1:1)*	92011-17-1	mg/kg	0.01		
Perfluorodecanoic acid	335-76-2	mg/kg	0.01	ND	ND
Sodium Perfluorodecanoate*	3830-45-3	mg/kg	0.01		
Ammonium perfluorodecanoate*	3108-42-7	mg/kg	0.01		
Nonadecafluorodecanoate*	73829-36-4	mg/kg	0.01		
Potassium perfluorodecanoate*	51604-85-4	mg/kg	0.01		
Lithium perfluorodecanoate*	84743-32-8	mg/kg	0.01		
Silver perfluorodecanoate*	5784-82-7	mg/kg	0.01	ND	ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg	0.01		
Perfluorodecanesulfonate*	126105-34-8	mg/kg	0.01		
Sodium perfluorodecanesulfonate*	2806-15-7	mg/kg	0.01		
Perfluorodecanesulfonate potassium*	2806-16-8	mg/kg	0.01	ND	ND
Perfluorodecanesulfonic acid ammonium salt*	67906-42-7	mg/kg	0.01		
Perfluoroheptanesulfonic acid	375-92-8	mg/kg	0.01		
Sodium perfluoroheptane sulfonate*	21934-50-9	mg/kg	0.01		
Potassium perfluoroheptanesulfonate*	60270-55-5	mg/kg	0.01		
Perfluoroheptanesulfonate*	146689-46-5	mg/kg	0.01		
Lithium perfluoroheptanesulfonate*	117806-54-9	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	70225-15-9	mg/kg	0.01		
Ammonium perfluoroheptanesulfonate*	68259-07-4	mg/kg	0.01		

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Triethylammonium perfluoroheptane sulfonate*	72033-40-0	mg/kg	0.01		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg	0.01	ND	ND
Perfluoropentanesulfonate*	175905-36-9	mg/kg	0.01		
Potassium perfluoropentane-1-sulphonate*	3872-25-1	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate*	68259-09-6	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	70225-17-1	mg/kg	0.01		
Sodium perfluoropentanesulfonate*	630402-22-1	mg/kg	0.01		
Triethylammonium perfluoropentane sulfonate*	72033-42-2	mg/kg	0.01		
Lithium perfluoropentane sulfonate*	1046864-81-6	mg/kg	0.01		
Perfluoropropionic acid	422-64-0	mg/kg	0.01	ND	ND
Sodium pentafluoropropionate*	378-77-8	mg/kg	0.01		
Potassium pentafluoropropionate*	378-76-7	mg/kg	0.01		
Silver perfluoropropanoate*	509-09-1	mg/kg	0.01		
Perfluoropropanoate*	44864-55-3	mg/kg	0.01		
Ammonium pentafluoropropionate*	2730-58-7	mg/kg	0.01		
Perfluoro-3,7-dimethyloctanoic acid	172155-07-6	mg/kg	0.01	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic acid	34598-33-9	mg/kg	0.01	ND	ND
Potassium 1H,1H,2H,2H-perfluoroundecanoate*	83310-58-1	mg/kg	0.01		
Lithium 3-(perfluorooctyl)propanoate*	67304-23-8	mg/kg	0.01		
Perfluorooctanesulfonamide	754-91-6	mg/kg	0.01	ND	ND
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	76752-82-4	mg/kg	0.01		
Perfluorooctanesulfonamide lithium salt (1:1)*	76752-79-9	mg/kg	0.01		
Perfluorooctanesulfonamide sodium salt (1:1)*	76752-78-8	mg/kg	0.01		
Perfluorooctanesulfonamide ammonium salt (1:1)*	76752-72-2	mg/kg	0.01		
Perfluorooctanesulfonamide potassium salt (1:1)*	76752-70-0	mg/kg	0.01	ND	ND
N-methylperfluorooctanesulfonamide	31506-32-8	mg/kg	0.01	ND	ND
N-Ethylperfluorooctanesulfonamide	4151-50-2	mg/kg	0.01	ND	ND
N-Methylperfluorooctanesulfonamidoethanol	24448-09-7	mg/kg	0.01	ND	ND
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2	mg/kg	0.01	ND	ND
Perfluoroundecanoic acid	2058-94-8	mg/kg	0.01	ND	ND
Perfluoroundecanoate*	196859-54-8	mg/kg	0.01		
Sodium perfluoroundecanoate*	60871-96-7	mg/kg	0.01		
Potassium perfluoroundecanoate*	30377-53-8	mg/kg	0.01		
Ammonium perfluoroundecanoate*	4234-23-5	mg/kg	0.01		
Calcium perfluoroundecanoate*	97163-17-2	mg/kg	0.01		
Perfluorododecanoic acid	307-55-1	mg/kg	0.01		
Ammonium perfluorododecanoate*	3793-74-6	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 008
Perfluorododecanoate*	171978-95-3	mg/kg	0.01		
Sodium Perfluorododecanoate*	60872-01-7	mg/kg	0.01		
Perfluorotridecanoic acid	72629-94-8	mg/kg	0.01		
Perfluorotridecanoate*	862374-87-6	mg/kg	0.01		
Ammonium perfluorotridecanoate*	4288-72-6	mg/kg	0.01	ND	ND
Perfluorotetradecanoic acid*	376-06-7	mg/kg	0.01		
Perfluorotetradecanoate*	365971-87-5	mg/kg	0.01		
1H,1H,2H,2H-perfluorohexane sulfonate acid	757124-72-4	mg/kg	0.01		
4:2 Fluorotelomer sulfonate*	414911-30-1	mg/kg	0.01	ND	ND
Sodium 1H,1H,2H,2H-perfluoro-1-hexanesulfonate*	27619-93-8	mg/kg	0.01		
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	mg/kg	0.01		
2-(Perfluorooctyl)ethane-1-sulfonate*	481071-78-7	mg/kg	0.01		
8:2 Fluorotelomer sulfonate ammonium salt*	149724-40-3	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium*	27619-96-1	mg/kg	0.01		
Potassium 2-(perfluorooctyl)ethane-1-sulfonate*	438237-73-1	mg/kg	0.01		
1H,1H,2H,2H-Perfluorododecane sulfonic acid	120226-60-0	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium*	108026-35-3	mg/kg	0.01		
Perfluorooctadecanoic acid	16517-11-6	mg/kg	0.01		
Perfluorooctadecanoate anion*	798556-82-8	mg/kg	0.01		
Perfluorohexadecanoic acid	67905-19-5	mg/kg	0.01	ND	ND
Hentriacontafluorohexadecanoate anion*	1214264-30-8	mg/kg	0.01		
2H,2H Perfluorodecane Acid	27854-31-5	mg/kg	0.01	ND	ND
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate*	882489-14-7	mg/kg	0.01		
N-methylperfluorooctane sulfonamidoacetic acid	2355-31-9	mg/kg	0.01		
N-(Heptadecafluorooctylsulfonyl)-N-methylglycine potassium salt*	70281-93-5	mg/kg	0.01		
2-(N-Methylperfluorooctanesulfonamido)acetate*	909405-48-7	mg/kg	0.01		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6/1336-61-4	mg/kg	0.01	ND	ND
Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate*	2991-52-8	mg/kg	0.01		
2-(N-Ethyl-perfluorooctanesulfonamido)acetate*	909405-49-8	mg/kg	0.01		
Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate*	3871-50-9	mg/kg	0.01		
potassium N-ethyl-N-((heptadecafluorooctyl)sulphonyl)glycinate*	2991-51-7	mg/kg	0.01		
8:2 Fluorotelomer phosphate diester	678-41-1	mg/kg	0.01	ND	ND

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 008
Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate*	114519-85-6	mg/kg	0.01	ND	ND
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid	13252-13-6	mg/kg	0.01		
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)*	-	mg/kg	0.01		
Triethylaminium perfluoro-2-propoxypropanoate*	165951-18-8	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid-N-propylpropan-1-amine (1:1)*	165951-17-7	mg/kg	0.01		
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67118-55-2	mg/kg	0.01		
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	62037-80-3	mg/kg	0.01		
sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67963-75-1	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(perfluoropropoxy)propanoyl fluoride*	2062-98-8	mg/kg	0.01	ND	ND
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-methyl-	68259-15-4	mg/kg	0.01		
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-	41997-13-1	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorohexan-1-ol	2043-47-2	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecan-1-ol	678-39-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecan-1-ol	865-86-1	mg/kg	0.2	ND	ND
H,1H,2H,2H-perfluorotetradecan-1-ol	39239-77-5	mg/kg	0.2	ND	ND
Conclusion					Pass

Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 009
1H,1H,2H,2H-Heptadecafluorodecyl methacrylate	1996-88-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate	2144-54-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate	2144-53-8	mg/kg	0.2	ND	ND
Perfluorooctyl iodide	507-63-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorooctyl acrylate	17527-29-6	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	mg/kg	0.2	ND	ND
1H,1H,2H,2H-perfluorododecyl acrylate	17741-60-5	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane	101947-16-4	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Heptadecafluorodecyl iodide	2043-53-0	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecyl iodide	2043-54-1	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide	30046-31-2	mg/kg	0.2	ND	ND
Perfluorooctanesulfonic acid	1763-23-1	mg/kg	0.01	ND	ND
Perfluorooctanesulfonyl fluoride*	307-35-7	mg/kg	0.01		
Potassium perfluorooctanesulfonate*	2795-39-3	mg/kg	0.01		
Ammonium perfluorooctanesulfonate*	29081-56-9	mg/kg	0.01		
1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)*	251099-16-8	mg/kg	0.01		
Diethanolamine perfluorooctanesulfonate*	70225-14-8	mg/kg	0.01		
Lithium perfluorooctanesulfonate*	29457-72-5	mg/kg	0.01		
Tetraethylammonium perfluorooctanesulfonate*	56773-42-3	mg/kg	0.01		
Tetramethylammonium perfluorooctane sulfonate*	56773-44-5	mg/kg	0.01		
Sodium perfluorooctanesulfonate*	4021-47-0	mg/kg	0.01		
magnesium bis[heptadecafluorooctanesulphonate]*	91036-71-4	mg/kg	0.01		
Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate*	71463-74-6	mg/kg	0.01		
Perfluorooctanesulfonate*	45298-90-6	mg/kg	0.01		
Perfluorooctanoic acid	335-67-1	mg/kg	0.01	ND	ND
Ammonium perfluorooctanoate*	3825-26-1	mg/kg	0.01		
Sodium perfluorooctanoate*	335-95-5	mg/kg	0.01		
Potassium perfluorooctanoate*	2395-00-8	mg/kg	0.01		
Silver perfluorooctanoate*	335-93-3	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 009
Perfluorooctanoyl fluoride*	335-66-0	mg/kg	0.01		
Perfluorooctanoate*	45285-51-6	mg/kg	0.01		
Lithium perfluorooctanoate*	17125-58-5	mg/kg	0.01		
Pentadecafluorooctanoic acid-pyridine (1/1)*	95658-47-2	mg/kg	0.01		
Perfluorooctanoate N,N,N-trimethylmethanaminium*	32609-65-7	mg/kg	0.01		
Methyl perfluorooctanoate*	376-27-2	mg/kg	0.01		
Ethyl perfluorooctanoate*	3108-24-5	mg/kg	0.01		
Perfluorononanoic acid	375-95-1	mg/kg	0.01		
Sodium perfluorononanoate*	21049-39-8	mg/kg	0.01		
Ammonium perfluorononanoate*	4149-60-4	mg/kg	0.01		
Perfluorononanoate*	72007-68-2	mg/kg	0.01		
Silver perfluorononanoate*	7358-16-9	mg/kg	0.01		
Potassium perfluorononanoate*	21049-38-7	mg/kg	0.01		
Methanaminium perfluorononanoate*	77032-23-6	mg/kg	0.01		
Cyclohexanaminium perfluorononanoate*	328531-06-2	mg/kg	0.01		
N,N-Diethylethanaminium heptadecafluorononanoate*	327176-80-7	mg/kg	0.01		
Perfluorobutanoic acid	375-22-4	mg/kg	0.01		
Sodium perfluorobutanoate*	2218-54-4	mg/kg	0.01		
Perfluorobutyramide*	662-50-0	mg/kg	0.01		
Silver perfluorobutanoate*	3794-64-7	mg/kg	0.01	ND	ND
Perfluorobutanoate*	45048-62-2	mg/kg	0.01		
Ammonium perfluorobutanoate*	10495-86-0	mg/kg	0.01		
Potassium perfluorobutyrate*	2966-54-3	mg/kg	0.01		
Lithium perfluorobutanoate*	4146-76-3	mg/kg	0.01		
Calcium perfluorobutanoate*	2366-98-5	mg/kg	0.01		
Perfluorobutanesulfonic acid	375-73-5	mg/kg	0.01		
Potassium perfluorobutanesulfonate*	29420-49-3	mg/kg	0.01		
Perfluorobutanesulfonic acid hydrate*	59933-66-3	mg/kg	0.01		
Tetraethylazanium nonafluorobutane-1-sulfonate*	25628-08-4	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate*	68259-10-9	mg/kg	0.01		
Perfluorobutanesulfonate*	45187-15-3	mg/kg	0.01		
Tetramethylammonium perfluorobutane sulfonate*	25628-17-5	mg/kg	0.01		
Sodium perfluorobutylsulfonate*	60453-92-1	mg/kg	0.01		
Lithium nonafluorobutanesulfonate*	131651-65-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate*	70225-18-2	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 009
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide*	34454-97-2	mg/kg	0.01		
Perfluorobutanesulfonyl fluoride*	375-72-4	mg/kg	0.01		
Perfluorobutanesulphonyl chloride*	2991-84-6	mg/kg	0.01		
Zinc nonafluorobutanesulphonate*	502457-69-4	mg/kg	0.01		
Magnesium nonafluorobutanesulfonate*	507453-86-3	mg/kg	0.01		
Perfluoropentanoic acid	2706-90-3	mg/kg	0.01		
Sodium perfluorovalerate*	2706-89-0	mg/kg	0.01		
Potassium perfluoropentanoate*	336-23-2	mg/kg	0.01		
Nonafluoropentanoic acid, ammonium salt*	68259-11-0	mg/kg	0.01	ND	ND
Perfluoropentanoate*	45167-47-3	mg/kg	0.01		
Silver perfluoropentanoate*	2795-30-4	mg/kg	0.01		
Lithium perfluoropentanoate*	198482-22-3	mg/kg	0.01		
Perfluorohexanoic acid	307-24-4	mg/kg	0.01		
Sodium perfluorohexanoate*	2923-26-4	mg/kg	0.01		
Potassium perfluorohexanoate*	3109-94-2	mg/kg	0.01		
Ammonium undecafluorohexanoate*	21615-47-4	mg/kg	0.01		
Silver perfluorohexanoate*	336-02-7	mg/kg	0.01	ND	ND
Perfluorohexanoate*	92612-52-7	mg/kg	0.01		
Lithium perfluorohexanoate*	90430-61-8	mg/kg	0.01		
Undecafluorohexanoic acid-piperazine (1:1)*	423-47-2	mg/kg	0.01		
Undecafluorohexanoic acid--hexan-1-amine (1/1)*	565225-91-4	mg/kg	0.01		
7H-Dodecafluoroheptanoic acid	1546-95-8	mg/kg	0.01		
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate*	376-34-1	mg/kg	0.01		
7-H-Perfluoroheptanoate*	69681-35-2	mg/kg	0.01		
Sodium 7H-perfluoroheptanoate*	2264-25-7	mg/kg	0.01		
Perfluoroheptanoic acid	375-85-9	mg/kg	0.01		
Sodium perfluoroheptanoate*	20109-59-5	mg/kg	0.01		
Potassium perfluoroheptanoate*	21049-36-5	mg/kg	0.01	ND	ND
Perfluoroheptanamide*	2358-22-7	mg/kg	0.01		
Ammonium perfluoroheptanoate*	6130-43-4	mg/kg	0.01		
Silver perfluoroheptanoate*	424-05-5	mg/kg	0.01		
Lithium perfluoroheptanoate*	60871-90-1	mg/kg	0.01		
Perfluoroheptanoate*	120885-29-2	mg/kg	0.01		
Cesium perfluoroheptanoate*	171198-24-6	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonic acid	27619-97-2	mg/kg	0.01	ND	ND
6:2 Fluorotelomer sulfonate sodium salt*	27619-94-9	mg/kg	0.01		

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Test Report

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Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 009
6:2 Fluorotelomer sulfonate barium salt*	1807944-82-6	mg/kg	0.01		
Potassium 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonate*	59587-38-1	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonate*	425670-75-3	mg/kg	0.01		
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-octanesulfonic Acid Ammonium Salt*	59587-39-2	mg/kg	0.01		
Perfluorohexanesulfonic acid	355-46-4	mg/kg	0.01	ND	ND
Sodium perfluorohexanesulfonate*	82382-12-5	mg/kg	0.01		
Potassium perfluorohexanesulfonate*	3871-99-6	mg/kg	0.01		
Perfluorohexanesulfonate*	108427-53-8	mg/kg	0.01		
Triethylammonium perfluorohexane sulfonate*	72033-41-1	mg/kg	0.01		
Tetraethylammonium perfluorohexane sulfonate*	108427-55-0	mg/kg	0.01		
Lithium perfluorohexanesulfonate*	55120-77-9	mg/kg	0.01		
Ammonium perfluorohexanesulfonate*	68259-08-5	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	70225-16-0	mg/kg	0.01		
Perfluorohexanesulfonic acid, zinc salt*	70136-72-0	mg/kg	0.01		
Perfluorohexanesulphonyl fluoride*	423-50-7	mg/kg	0.01		
Perfluorohexanesulfonic acid, cesium salt (1:1)*	92011-17-1	mg/kg	0.01		
Perfluorodecanoic acid	335-76-2	mg/kg	0.01	ND	ND
Sodium Perfluorodecanoate*	3830-45-3	mg/kg	0.01		
Ammonium perfluorodecanoate*	3108-42-7	mg/kg	0.01		
Nonadecafluorodecanoate*	73829-36-4	mg/kg	0.01		
Potassium perfluorodecanoate*	51604-85-4	mg/kg	0.01		
Lithium perfluorodecanoate*	84743-32-8	mg/kg	0.01		
Silver perfluorodecanoate*	5784-82-7	mg/kg	0.01	ND	ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg	0.01		
Perfluorodecanesulfonate*	126105-34-8	mg/kg	0.01		
Sodium perfluorodecanesulfonate*	2806-15-7	mg/kg	0.01		
Perfluorodecanesulfonate potassium*	2806-16-8	mg/kg	0.01		
Perfluorodecanesulfonic acid ammonium salt*	67906-42-7	mg/kg	0.01	ND	ND
Perfluoroheptanesulfonic acid	375-92-8	mg/kg	0.01		
Sodium perfluoroheptane sulfonate*	21934-50-9	mg/kg	0.01		
Potassium perfluoroheptanesulfonate*	60270-55-5	mg/kg	0.01		
Perfluoroheptanesulfonate*	146689-46-5	mg/kg	0.01		
Lithium perfluoroheptanesulfonate*	117806-54-9	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	70225-15-9	mg/kg	0.01		
Ammonium perfluoroheptanesulfonate*	68259-07-4	mg/kg	0.01		

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Test Report

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Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 009
Triethylammonium perfluoroheptane sulfonate*	72033-40-0	mg/kg	0.01		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg	0.01	ND	ND
Perfluoropentanesulfonate*	175905-36-9	mg/kg	0.01		
Potassium perfluoropentane-1-sulphonate*	3872-25-1	mg/kg	0.01		
Ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate*	68259-09-6	mg/kg	0.01		
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	70225-17-1	mg/kg	0.01		
Sodium perfluoropentanesulfonate*	630402-22-1	mg/kg	0.01		
Triethylammonium perfluoropentane sulfonate*	72033-42-2	mg/kg	0.01		
Lithium perfluoropentane sulfonate*	1046864-81-6	mg/kg	0.01	ND	ND
Perfluoropropionic acid	422-64-0	mg/kg	0.01		
Sodium pentafluoropropionate*	378-77-8	mg/kg	0.01		
Potassium pentafluoropropionate*	378-76-7	mg/kg	0.01		
Silver perfluoropropanoate*	509-09-1	mg/kg	0.01		
Perfluoropropanoate*	44864-55-3	mg/kg	0.01		
Ammonium pentafluoropropionate*	2730-58-7	mg/kg	0.01		
Perfluoro-3,7-dimethyloctanoic acid	172155-07-6	mg/kg	0.01	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic acid	34598-33-9	mg/kg	0.01		
Potassium 1H,1H,2H,2H-perfluoroundecanoate*	83310-58-1	mg/kg	0.01	ND	ND
Lithium 3-(perfluorooctyl)propanoate*	67304-23-8	mg/kg	0.01		
Perfluorooctanesulfonamide	754-91-6	mg/kg	0.01		
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	76752-82-4	mg/kg	0.01	ND	ND
Perfluorooctanesulfonamide lithium salt (1:1)*	76752-79-9	mg/kg	0.01		
Perfluorooctanesulfonamide sodium salt (1:1)*	76752-78-8	mg/kg	0.01		
Perfluorooctanesulfonamide ammonium salt (1:1)*	76752-72-2	mg/kg	0.01		
Perfluorooctanesulfonamide potassium salt (1:1)*	76752-70-0	mg/kg	0.01		
N-methylperfluorooctanesulfonamide	31506-32-8	mg/kg	0.01	ND	ND
N-Ethylperfluorooctanesulfonamide	4151-50-2	mg/kg	0.01	ND	ND
N-Methylperfluorooctanesulfonamidoethanol	24448-09-7	mg/kg	0.01	ND	ND
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2	mg/kg	0.01	ND	ND
Perfluoroundecanoic acid	2058-94-8	mg/kg	0.01	ND	ND
Perfluoroundecanoate*	196859-54-8	mg/kg	0.01		
Sodium perfluoroundecanoate*	60871-96-7	mg/kg	0.01		
Potassium perfluoroundecanoate*	30377-53-8	mg/kg	0.01		
Ammonium perfluoroundecanoate*	4234-23-5	mg/kg	0.01		
Calcium perfluoroundecanoate*	97163-17-2	mg/kg	0.01		
Perfluorododecanoic acid	307-55-1	mg/kg	0.01		
Ammonium perfluorododecanoate*	3793-74-6	mg/kg	0.01		

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 009
Perfluorododecanoate*	171978-95-3	mg/kg	0.01		
Sodium Perfluorododecanoate*	60872-01-7	mg/kg	0.01		
Perfluorotridecanoic acid	72629-94-8	mg/kg	0.01		
Perfluorotridecanoate*	862374-87-6	mg/kg	0.01		
Ammonium perfluorotridecanoate*	4288-72-6	mg/kg	0.01	ND	ND
Perfluorotetradecanoic acid*	376-06-7	mg/kg	0.01		
Perfluorotetradecanoate*	365971-87-5	mg/kg	0.01		
1H,1H,2H,2H-perfluorohexane sulfonate acid	757124-72-4	mg/kg	0.01		
4:2 Fluorotelomer sulfonate*	414911-30-1	mg/kg	0.01	ND	ND
Sodium 1H,1H,2H,2H-perfluoro-1-hexanesulfonate*	27619-93-8	mg/kg	0.01		
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	mg/kg	0.01		
2-(Perfluorooctyl)ethane-1-sulfonate*	481071-78-7	mg/kg	0.01		
8:2 Fluorotelomer sulfonate ammonium salt*	149724-40-3	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium*	27619-96-1	mg/kg	0.01		
Potassium 2-(perfluorooctyl)ethane-1-sulfonate*	438237-73-1	mg/kg	0.01		
1H,1H,2H,2H-Perfluorododecane sulfonic acid	120226-60-0	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium*	108026-35-3	mg/kg	0.01		
Perfluorooctadecanoic acid	16517-11-6	mg/kg	0.01		
Perfluorooctadecanoate anion*	798556-82-8	mg/kg	0.01		
Perfluorohexadecanoic acid	67905-19-5	mg/kg	0.01	ND	ND
Hentriacontafluorohexadecanoate anion*	1214264-30-8	mg/kg	0.01		
2H,2H Perfluorodecane Acid	27854-31-5	mg/kg	0.01	ND	ND
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate*	882489-14-7	mg/kg	0.01		
N-methylperfluorooctane sulfonamidoacetic acid	2355-31-9	mg/kg	0.01		
N-(Heptadecafluorooctylsulfonyl)-N-methylglycine potassium salt*	70281-93-5	mg/kg	0.01		
2-(N-Methylperfluorooctanesulfonamido)acetate*	909405-48-7	mg/kg	0.01		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6/1336-61-4	mg/kg	0.01	ND	ND
Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate*	2991-52-8	mg/kg	0.01		
2-(N-Ethyl-perfluorooctanesulfonamido)acetate*	909405-49-8	mg/kg	0.01		
Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate*	3871-50-9	mg/kg	0.01		
potassium N-ethyl-N-((heptadecafluorooctyl)sulphonyl)glycinate*	2991-51-7	mg/kg	0.01		
8:2 Fluorotelomer phosphate diester	678-41-1	mg/kg	0.01	ND	ND

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Test Report

No.: 70.431.23.16125.02

Date: 2023-11-10



Compounds Name	CAS No	Unit	MDL	Limit	Result 009
Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate*	114519-85-6	mg/kg	0.01		
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid	13252-13-6	mg/kg	0.01		
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)*	-	mg/kg	0.01		
Triethylaminium perfluoro-2-propoxypropanoate*	165951-18-8	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid-N-propylpropan-1-amine (1:1)*	165951-17-7	mg/kg	0.01	ND	ND
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67118-55-2	mg/kg	0.01		
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	62037-80-3	mg/kg	0.01		
sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate*	67963-75-1	mg/kg	0.01		
2,3,3,3-Tetrafluoro-2-(perfluoropropoxy)propanoyl fluoride*	2062-98-8	mg/kg	0.01		
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-methyl-	68259-15-4	mg/kg	0.01	ND	ND
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-	41997-13-1	mg/kg	0.01	ND	ND
1H,1H,2H,2H-Perfluorohexan-1-ol	2043-47-2	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorodecan-1-ol	678-39-7	mg/kg	0.2	ND	ND
1H,1H,2H,2H-Perfluorododecan-1-ol	865-86-1	mg/kg	0.2	ND	ND
H,1H,2H,2H-perfluorotetradecan-1-ol	39239-77-5	mg/kg	0.2	ND	ND
Conclusion					Pass

Note: * The test result is based on the calculation of selected marker(s) and to the worst-case scenario.

-End of Test Report-