Dated 2023-09-28



SVHC Assessment Report

Client: Hengdian Group DMEGC Magnetics Co., LTD

Hengdian Industrial Zone, 322118 Dongyang City, Zhejiang Province P.R. China

Contact person: Wang Guogiang

Test object: The tested object(s) was(were) submitted and described by client as:

Product: PV Modules

Model refer to the APPENDIX I

Purpose of examination:

1) According to customer's requirement, testing Perfluoroalkyl and

polyfluoroalkyl substances (PFAS) content.

Test method: 1) In house method, solvent extraction and determination by LC/MS/MS, GC/MS

and GC/MS/MS.

Test results: Refer to next page(s).

Remark: 1. The tested samples were identified and appointed by client.

The result relates only to the items tested.

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- 1 Order
- 1.1 Date of Order:

2023-09-07

1.2 Receipt Date of Test Sample:

2023-09-07

1.3 Date of Testing:

2023-09-07 - 2023-09-28

1.4 Location of Testing

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

Dated 2023-09-28



2. Description of the Evaluated Product

Sample No	Description	Photograph
01	White plastic rear cover	-
02	Blue solar cell	2 63 64 65 66 67 68 69 70 71
03	Silvery label	7 8 9 10 11 12 13 14 15 16 17 18 19 20 12 23 24 25 26 27 28 28 30 31 32 33
04	White label	9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

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Disclaimer Measurement Uncertainty:

Unless otherwise agreed upon, Pass or Fail verdicts are given base on the measured values without any considerations of measurement uncertainties.

Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

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Sample No	Description	Photograph
05	White glue	5 86 87 88 89 90 91 92 93 94 95
06	White glue	73 74 75 76 77 78 79 80 81 82 85 84 85 86 87 88 89 90 91 92 93 94 95 96
07	Black plastic plug enclosure	4337334142444444444444444444444444444444
08	Black plastic shell	AN XXXXX 4 4 4 5 5 4 6 5 5 4 6 5 7 4 4 6 8 7 5 6 6 8 7 5 6 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7

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Sample No	Description	Photograph
09	Black plastic cable sleeve	31 62 63 64 65 66 67 68 69
10	Black plastic cable jacket	
11	Blue solar cell (16BB Topcon)	88 39 40 41 42 43 44 45
12	Transparent plastic tape 3M	66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89

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Sample No	Description	Photograph
13	Transparent plastic tape Shangrui	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86

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3. Test Data:

3.1 Perfluoroalkyl and polyfluoroalkyl substances (PFAS) content testing result

Tooted Home	MDI	l limit	Result	
Tested Items	MDL	Unit	01	02
Heptafluorobutyric acid(PFBA))	0.01	mg/kg	N.D.	N.D.
Perfluoropentane Acid (PFPA)	0.01	mg/kg	N.D.	N.D.
Perfluorohexane Acid (PFHxA)	0.01	mg/kg	N.D.	N.D.
7H-Dodecanefluoroheptane Acid (HPFHpA)	0.01	mg/kg	N.D.	N.D.
Perfluorobutane Sulfonate (PFBS)	0.01	mg/kg	N.D.	N.D.
Potassium nonafluoro-1- butanesulfonate(PFBS-K)*	0.01	mg/kg	N.D.	N.D.
Perfluoroheptane Acid (PFHpA)	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoic acid (PFOA)	0.01	mg/kg	N.D.	N.D.
Ammonium Pentadecafluoroctanoate (APFO)*	0.01	mg/kg	N.D.	N.D.
Sodium perfluorooctanoate(Na-PFO)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorooctanoate(K-PFO)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorooctanoate(Ag-PFO)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoyl fluoride(F-PFO)*	0.01	mg/kg	N.D.	N.D.
Tetrabutylphosphonium 2H,2H- Perfluorodecanoate	0.01	mg/kg	N.D.	N.D.
Perfluorohexane Sulfonate (PFHxS)	0.01	mg/kg	N.D.	N.D.
Sodium Perfluorohexanesulfonate(PFHxS-Na)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorohexanesulfonate(PFHxS-K)*	0.01	mg/kg	N.D.	N.D.
Perfluorononanoic acid (PFNA)	0.01	mg/kg	N.D.	N.D.
Sodium perfluorononanoate(PFNA-Na)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluoropelargonate(APFN)*	0.01	mg/kg	N.D.	N.D.
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	0.01	mg/kg	N.D.	N.D.
Perfluoroheptane Sulfonate (PFHpS)	0.01	mg/kg	N.D.	N.D.
Pentadecafluoro-1-heptanesulfinic acid sodium salt(PFHpS-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluorodecanoic acid (PFDA)	0.01	mg/kg	N.D.	N.D.
Perfluorodecanoic acid,sodium salt(PFDA-Na)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorodecanoate(APFDA)*	0.01	mg/kg	N.D.	N.D.
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	0.01	mg/kg	N.D.	N.D.
Perfluoroctansulfonate (PFOS)	0.01	mg/kg	N.D.	N.D.
Perfluorooctane sulphonamide(PFOSA)	0.01	mg/kg	N.D.	N.D.
N-Methylheptadecafluorooctane- sulphonamide (N-Me-FOSA)	0.01	mg/kg	N.D.	N.D.
N-Ethylperfluorooctane-1-sulfonamide(N-Et-FOSA)	0.01	mg/kg	N.D.	N.D.
N-Me-FOSE alcohol (N-Me-FOSE)	0.01	mg/kg	N.D.	N.D.
N-ET-FOSE alcohol (N-ET-FOSE)	0.01	mg/kg	N.D.	N.D.

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Perfluoro-1-octanesulfonylfluoride (POSF/PFOSF)* D.01 mg/kg N.D. N.E.				Res	sult
Perfluoro-1-octanesulfonylfluoride	Tested Items	MDL	Unit		02
Potasssium		0.01	mg/kg		N.D.
Ammonium perfluorooctanesulfonate(PFOS-NH4)* Didecy(Idimethyl)azanium;1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)* 0.01 mg/kg N.D. N.E. Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH)2)* 0.01 mg/kg N.D. N.E. Lithium perfluorooctylsulfonate(PFOS-L)* 0.01 mg/kg N.D. N.E. Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C2H5)4)* 0.01 mg/kg N.D. N.E. Perfluoroundecanoic Acid (PFUnA) 0.01 mg/kg N.D. N.E. Perfluorodecanoic Acid (PFDA) 0.01 mg/kg N.D. N.E. Perfluorodecane Sulfonate (PFDS) 0.01 mg/kg N.D. N.E. Sodium Perfluoro-1-decanesulfonate(PFDS-Na)* 0.01 mg/kg N.D. N.E. Potassium henicosafluorodecanesulphonate(PFDS-K)* 0.01 mg/kg N.D. N.E. Ammonium henicosafluorodecanesulphonate(PFDS-H)* 0.01 mg/kg N.D. N.E. Perfluorotidecanoic Acid (PFTeA) 0.01 mg/kg N.D. N.E. H1,11,21-Perfluorodecanesulfonic acid (8:2	Potasssium	0.01	mg/kg	N.D.	N.D.
5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)* 0.01 mg/kg N.D. N.E. Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH)2)* 0.01 mg/kg N.D. N.E. Lithium perfluorooctylsulfonate(PFOS-Li)* 0.01 mg/kg N.D. N.E. Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C2H5)4)* 0.01 mg/kg N.D. N.E. Perfluoroundecanoic Acid (PFUnA) 0.01 mg/kg N.D. N.E. Perfluorododecanoic Acid (PFDA) 0.01 mg/kg N.D. N.E. Sodium Perfluoro-1-decane Sulfonate (PFDS) 0.01 mg/kg N.D. N.E. Sodium Perfluorodecane Sulphonate (PFDS-Na)* 0.01 mg/kg N.D. N.E. Potassium henicosafluorodecanesulphonate (PFDS-Na)* 0.01 mg/kg N.D. N.E. Perfluorotridecanoic Acid (PFTrA) 0.01 mg/kg N.D. N.E. NH4)* Perfluorotetradecanoic Acid (PFTeA) 0.01 mg/kg N.D. N.E. Hy1,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) 0.01 mg/kg	Ammonium perfluorooctanesulfonate(PFOS-NH4)*	0.01	mg/kg	N.D.	N.D.
diethanolamine salt(PFOS-NH(OH)2)* 0.01 mg/kg N.D. N.E. Lithium perfluorooctylsulfonate(PFOS-Li)* 0.01 mg/kg N.D. N.E. Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C2H5)4)* 0.01 mg/kg N.D. N.E. Perfluoroundecanoic Acid (PFUnA) 0.01 mg/kg N.D. N.E. Perfluorodecane Sulfonate (PFDA) 0.01 mg/kg N.D. N.E. Sodium Perfluoro-1-decane Sulfonate (PFDS) 0.01 mg/kg N.D. N.E. Sodium Perfluoro-1-decanesulfonate(PFDS-Na)* 0.01 mg/kg N.D. N.E. Potassium henicosafluorodecanesulphonate(PFDS-K)* 0.01 mg/kg N.D. N.E. Ammonium henicosafluorodecanesulphonate(PFDS-N)* 0.01 mg/kg N.D. N.E. NH4)* Perfluorotridecanoic Acid (PFTeA) 0.01 mg/kg N.D. N.E. Perfluorotridecanoic Acid (PFTeA) 0.01 mg/kg N.D. N.E. Methyl perfluorocanoate (Me-PFOA) 0.01 mg/kg N.D. N.E.	5,6,6,7,7,8,8,8-heptadecafluorooctane-1-	0.01	mg/kg	N.D.	N.D.
Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C2H5)4)* Perfluoroundecanoic Acid (PFUnA) Perfluoroundecanoic Acid (PFDoA) Perfluorodecanoic Acid (PFDoA) Perfluorodecanoic Acid (PFDoA) Sodium Perfluoro-1- decanesulfonate(PFDS-Na)* Potassium henicosafluorodecanesulphonate(PFDS-K)* Ammonium henicosafluorodecanesulphonate(PFDS- N.E Perfluorotridecanoic Acid (PFTA) Perfluorotridecanoic Acid (PFTA) Perfluorotridecanoic Acid (PFTA) Perfluorotetradecanoic Acid (PFTA) 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) Methyl perfluoroctanoate (Me-PFOA) D.01 Mg/kg N.D. N.E Hyl perfluorooctanoate (Me-PFOA) D.01 Mg/kg N.D. N.E Ethyl perfluorooctanoate (Et-PFOA) 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTOH) 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) Perfluorooctyl iodide (PFOI) 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) N.E Mg/kg N.D. N.		0.01	mg/kg	N.D.	N.D.
tetraethylammonium salt(PFOS-N(C2H5)4)* 0.01 mg/kg N.D. N.I. Perfluoroundecanoic Acid (PFUnA) 0.01 mg/kg N.D. N.E. Perfluorodecane Sulfonate (PFDS) 0.01 mg/kg N.D. N.E. Sodium Perfluoro-1- decanesulfonate(PFDS-Na)* 0.01 mg/kg N.D. N.E. Potassium henicosafluorodecanesulphonate(PFDS-K)* 0.01 mg/kg N.D. N.E. Ammonium henicosafluorodecanesulphonate(PFDS- NH4)* 0.01 mg/kg N.D. N.E. Perfluorotridecanoic Acid (PFTrA) 0.01 mg/kg N.D. N.E. NH4)* 0.01 mg/kg N.D. N.E. Perfluorotridecanoic Acid (PFTrA) 0.01 mg/kg N.D. N.E. NH1,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) 0.01 mg/kg N.D. N.E. Methyl perfluorooctanoate (Me-PFOA) 0.01 mg/kg N.D. N.E. HH,1H,2H,2H-Perfluoro-1-decanol (8:2 0.2 mg/kg N.D. N.E. HT,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) 0.2	Lithium perfluorooctylsulfonate(PFOS-Li)*	0.01	mg/kg	N.D.	N.D.
Perfluorododecanoic Acid (PFDoA) 0.01 mg/kg N.D. N.I. Perfluorodecane Sulfonate (PFDS) 0.01 mg/kg N.D. N.D. Sodium Perfluoro-1- decanesulfonate(PFDS-Na)* 0.01 mg/kg N.D. N.I. Potassium henicosafluorodecanesulphonate(PFDS-K)* 0.01 mg/kg N.D. N.I. Ammonium henicosafluorodecanesulphonate(PFDS-NH4)* 0.01 mg/kg N.D. N.I. Perfluorottidecanoic Acid (PFTrA) 0.01 mg/kg N.D. N.I. Perfluorotetradecanoic Acid (PFTrA) 0.01 mg/kg N.D. N.I. Perfluorotetradecanoic Acid (PFTeA) 0.01 mg/kg N.D. N.I. HH,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) 0.01 mg/kg N.D. N.I. Methyl perfluorooctanoate (Me-PFOA) 0.01 mg/kg N.D. N.I. HH,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) 0.2 mg/kg N.D. N.I. 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTMA) 0.2 mg/kg N.D. N.I. 1H,1H,2H,2H-Perfluoro-1-hexano		0.01	mg/kg	N.D.	N.D.
Perfluorodecane Sulfonate (PFDS) 0.01 mg/kg N.D. N.E Sodium Perfluoro-1- decanesulfonate(PFDS-Na)* 0.01 mg/kg N.D. N.E Potassium henicosafluorodecanesulphonate(PFDS-K)* 0.01 mg/kg N.D. N.E Ammonium henicosafluorodecanesulphonate(PFDS- NH4)* 0.01 mg/kg N.D. N.E Perfluorotidecanoic Acid (PFTA) 0.01 mg/kg N.D. N.E Perfluorotetradecanoic Acid (PFTA) 0.01 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) 0.01 mg/kg N.D. N.E Methyl perfluorooctanoate (Me-PFOA) 0.01 mg/kg N.D. N.E Methyl perfluorooctanoate (Et-PFOA) 0.01 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 0.2 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 0.2 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 0.5 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)		0.01	mg/kg	N.D.	N.D.
Perfluorodecane Sulfonate (PFDS) 0.01 mg/kg N.D. N.E Sodium Perfluoro-1- decanesulfonate(PFDS-Na)* 0.01 mg/kg N.D. N.E Potassium henicosafluorodecanesulphonate(PFDS-K)* 0.01 mg/kg N.D. N.E Ammonium henicosafluorodecanesulphonate(PFDS- NH4)* 0.01 mg/kg N.D. N.E Perfluorotridecanoic Acid (PFTA) 0.01 mg/kg N.D. N.E Perfluorotetradecanoic Acid (PFTA) 0.01 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) 0.01 mg/kg N.D. N.E Methyl perfluorooctanoate (Me-PFOA) 0.01 mg/kg N.D. N.E Methyl perfluorooctanoate (Et-PFOA) 0.01 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 0.2 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 0.2 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 0.5 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH	, ,	0.01		N.D.	N.D.
Sodium Perfluoro-1- decanesulfonate(PFDS-Na)* 0.01 mg/kg N.D. N.E Potassium henicosafluorodecanesulphonate(PFDS-K)* 0.01 mg/kg N.D. N.E Ammonium henicosafluorodecanesulphonate(PFDS- NH4)* 0.01 mg/kg N.D. N.E Perfluorotridecanoic Acid (PFTA) 0.01 mg/kg N.D. N.E Perfluorotetradecanoic Acid (PFTA) 0.01 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) 0.01 mg/kg N.D. N.E Methyl perfluorooctanoate (Me-PFOA) 0.01 mg/kg N.D. N.E Ethyl perfluorooctanoate (Et-PFOA) 0.01 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) 0.2 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 0.2 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 0.5 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 0.2 mg/kg N.D. N.E		0.01		N.D.	N.D.
Potassium henicosafluorodecanesulphonate(PFDS-K)* Ammonium henicosafluorodecanesulphonate(PFDS- NH4)* Perfluorotridecanoic Acid (PFTrA) Perfluorotetradecanoic Acid (PFTeA) (8:2 FTS) Methyl perfluorooctanoate (Me-PFOA) Ethyl perfluorooctanoate (Et-PFOA) 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTOH) 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTA) 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTA) 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) Perfluorooctyl iodide (PFOI) 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 1N.D. N.D. N.D	Sodium Perfluoro-1-	0.01		N.D.	N.D.
Ammonium henicosafluorodecanesulphonate(PFDS-NH4)* Perfluorotridecanoic Acid (PFTrA) Perfluorotetradecanoic Acid (PFTeA) 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) Methyl perfluorooctanoate (Me-PFOA) Ethyl perfluorooctanoate (Et-PFOA) 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) Perfluorooctyl iodide (PFOI) 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 1L,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	Potassium	0.01	mg/kg	N.D.	N.D.
Perfluorotridecanoic Acid (PFTrA) 0.01 mg/kg N.D. N.E Perfluorotetradecanoic Acid (PFTeA) 0.01 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) 0.01 mg/kg N.D. N.E Methyl perfluorooctanoate (Me-PFOA) 0.01 mg/kg N.D. N.E Ethyl perfluorooctanoate (Et-PFOA) 0.01 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) 0.2 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 0.2 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) 0.5 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 0.5 mg/kg N.D. N.E 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 0.2 mg/kg N.D. N.E	Ammonium henicosafluorodecanesulphonate(PFDS-	0.01	mg/kg	N.D.	N.D.
Perfluorotetradecanoic Acid (PFTeA) 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) Methyl perfluorooctanoate (Me-PFOA) 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) Perfluorooctyl iodide (PFOI) 1H,1H,2H,2H-Perfluoro-1-decanol (4:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)		0.01	ma/ka	N.D.	N.D.
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)0.01mg/kgN.D.N.EMethyl perfluorooctanoate (Me-PFOA)0.01mg/kgN.D.N.EEthyl perfluorooctanoate (Et-PFOA)0.01mg/kgN.D.N.E1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)0.2mg/kgN.D.N.E1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)0.2mg/kgN.D.N.E1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)0.2mg/kgN.D.N.EPerfluorooctyl iodide (PFOI)0.5mg/kgN.D.N.E1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)0.2mg/kgN.D.N.E1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)0.2mg/kgN.D.N.E	, ,				N.D.
Methyl perfluorooctanoate (Me-PFOA) 0.01 mg/kg N.D. N.E. Ethyl perfluorooctanoate (Et-PFOA) 0.01 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) 0.2 mg/kg N.D. N.E. Perfluorooctyl iodide (PFOI) 0.5 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 0.2 mg/kg N.D. N.E.	1H,1H,2H,2H-Perfluorodecanesulfonic acid				N.D.
Ethyl perfluorooctanoate (Et-PFOA) 0.01 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) 0.2 mg/kg N.D. N.E. Perfluorooctyl iodide (PFOI) 0.5 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 0.2 mg/kg N.D. N.E.		0.01	ma/ka	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) 0.2 mg/kg N.D. N.E. Perfluorooctyl iodide (PFOI) 0.5 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 0.2 mg/kg N.D. N.E.					N.D.
FTA) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) 0.2 mg/kg N.D. N.E. Perfluorooctyl iodide (PFOI) 0.5 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 0.2 mg/kg N.D. N.E.	1H,1H,2H,2H-Perfluoro-1-decanol (8:2				N.D.
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) 0.2 mg/kg N.D. N.E. Perfluorooctyl iodide (PFOI) 0.5 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 0.2 mg/kg N.D. N.E.	FTA)	0.2	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) 0.2 mg/kg N.D. N.E. 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 0.2 mg/kg N.D. N.E.		0.2	mg/kg	N.D.	N.D.
FTOH) 0.2 mg/kg N.D. N.L. 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 pt) 0.2 mg/kg N.D. N.L. N.L. 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 pt) N.D. N.L. N.L. 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 pt) N.D. N.L. 1H,1H,2H,2H,2H-Perfluoro-1-octanol (6:2 pt) N.D. N.L. 1H,1H,2H,2H,2H,2H,2H,2H,2H,2H,2H,2H,2H,2H,2H		0.5	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) 0.2 mg/kg N.D. N.E	, , ,	0.2	mg/kg	N.D.	N.D.
		0.2	mg/kg	N.D.	N.D.
FTA) 0.2 mg/kg N.D. N.E	1H,1H,2H,2H-Perfluorooctylacrylate (6:2	0.2	mg/kg	N.D.	N.D.
1H 1H 2H 2H-Perfluorododecylacrylate	1H,1H,2H,2H-Perfluorododecylacrylate	0.2	mg/kg	N.D.	N.D.
1H 1H 2H 2H-Perfluoro -1-dodecapol (10:2	1H,1H,2H,2H-Perfluoro -1-dodecanol (10:2	0.2	mg/kg	N.D.	N.D.
Sodium Perfluoro-1-octanesulfonate/PEOS-	Sodium Perfluoro-1-octanesulfonate(PFOS-	0.01	mg/kg	N.D.	N.D.
		0.01	mg/kg	N.D.	N.D.

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Dated 2023-09-28



T. M. 110	Mo	11.14	Res	sult
Tested Items	MDL	Unit	01	02
PFBA-NH2	0.01	mg/kg	N.D.	N.D.
PFPA-Na	0.01	mg/kg	N.D.	N.D.
PFPA-K	0.01	mg/kg	N.D.	N.D.
PFPA-NH4	0.01	mg/kg	N.D.	N.D.
PFHxA-Na	0.01	mg/kg	N.D.	N.D.
PFHxA-K*	0.01	mg/kg	N.D.	N.D.
PFHxA-NH4	0.01	mg/kg	N.D.	N.D.
HPFHpA-Na	0.01	mg/kg	N.D.	N.D.
PFHpA-Na	0.01	mg/kg	N.D.	N.D.
PFHpA-K	0.01	mg/kg	N.D.	N.D.
PFHpA-NH2	0.01	mg/kg	N.D.	N.D.
PFBS-H2O	0.01	mg/kg	N.D.	N.D.
PFODA	0.01	mg/kg	N.D.	N.D.
PFHxDA	0.01	mg/kg	N.D.	N.D.
H2PFDA	0.01	mg/kg	N.D.	N.D.
PFHpS-K	0.01	mg/kg	N.D.	N.D.
6:2 FTMAC	0.2	mg/kg	N.D.	N.D.
N-MeFOSAA	0.01	mg/kg	N.D.	N.D.
N-EtFOSAA	0.01	mg/kg	N.D.	N.D.
PFSI	0.2	mg/kg	N.D.	N.D.
8:2 FTI	0.2	mg/kg	N.D.	N.D.
8:2diPAP	0.01	mg/kg	N.D.	N.D.
HFPO-DA	0.01	mg/kg	N.D.	N.D.
PFPS	0.01	mg/kg	N.D.	N.D.
PFPS-K	0.01	mg/kg	N.D.	N.D.
PFPS-Na	0.01	mg/kg	N.D.	N.D.
pentafluoropropionic acid(PFPrA)	0.01	mg/kg	N.D.	N.D.
sodium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.
potassium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.01	mg/kg	N.D.	N.D.
magnesium bis[heptadecafluorooctanesulphonate]	0.01	mg/kg	N.D.	N.D.
1- Octanesulfonicacid,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-,compd.withpiperidine(1:1)	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluordodecansulfonsaure (10:2 FTS)	0.01	mg/kg	N.D.	N.D.
2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations th	0.01	mg/kg	N.D.	N.D.
Ammonium Perfluorododecanoate (PFDoDA-NH4)	0.01	mg/kg	N.D.	N.D.
1,1,2,2-Tetrahydroperfluorododecyl methacrylate(10:2FTMA)	0.2	mg/kg	N.D.	N.D.
1,1,2,2-Tetrahydroperfluoro-1- tetradecanol(12:2FTOH)	0.2	mg/kg	N.D.	N.D.

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Dated 2023-09-28



			Pos	sult
Tested Items	MDL	Unit		1
			01	02
1H,1H,2H,2H-Perfluorododecyl	0.2	mg/kg	N.D.	N.D.
iodide(10:2FTI)				
1H,1H,2H,2H-	0.2	mg/kg	N.D.	N.D.
Perfluorotetradecyliodide(12:2FTI)				
N-Methyl-perfluorohexane-1-sulfonamide	0.01	mg/kg	N.D.	N.D.
(N-Me-FHxSA) Perfluorohexanesulfonamide(PFHxSA)	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonate*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate*	0.01	mg/kg	N.D.	N.D.
	0.01		N.D.	N.D.
Lithium perfluorooctanoate(PFOA-Li)*	0.01	mg/kg	IN.D.	IN.D.
Pentadecafluorooctanoic acid-pyridine (1/1)(PFOA-Pyridine)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate N,N,N-trimethylmethanaminium*	0.01	mg/kg	N.D.	N.D.
Perfluorononanoate(PFNA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorononanoate(PFNA-Ag)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorononanoate(PFNA-K)*	0.01	mg/kg	N.D.	N.D.
Methanaminium perfluorononanoate(PFNA-CH3NH2)*	0.01	mg/kg	N.D.	N.D.
Cyclohexanaminium perfluorononanoate(PFNA-C6H11NH2)*	0.01	mg/kg	N.D.	N.D.
N,N-Diethylethanaminium heptadecafluorononanoate*	0.01	mg/kg	N.D.	N.D.
Silver perfluorobutanoate(PFBA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanoate(PFBA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorobutanoate(PFBA-				
NH3)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorobutyrate(PFBA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorobutanoate(PFBA-Li)*	0.01	mg/kg	N.D.	N.D.
Tetraethylazanium nonafluorobutane-1-sulfonate*	0.01	mg/kg	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,4- nonafluorobutane-1-sulphonate(PFBS- NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanesulfonate(PFBS-)*	0.01	mg/kg	N.D.	N.D.
Tetramethylammonium perfluorobutane sulfonate*	0.01	mg/kg	N.D.	N.D.
Sodium perfluorobutylsulfonate(PFBS-Na)*	0.01	mg/kg	N.D.	N.D.
Lithium nonafluorobutanesulfonate(PFBS-Li)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate (PFBS- (CH2CH2CH2OH)2NH)*	0.01	mg/kg	N.D.	N.D.
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide(PFBS-N-(2-hydroxyethyl)-N-methyl)*	0.01	mg/kg	N.D.	N.D.
Perfluoropentanoate(PFPA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluoropentanoate(PFPA-Ag)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluoropentanoate(PFPA-Li)*	0.01	mg/kg	N.D.	N.D.

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Dated 2023-09-28



To do Illiano	MDI	1114	Res	sult
Tested Items	MDL	Unit	01	02
Silver perfluorohexanoate(PFHxA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorohexanoate(PFHxA-)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorohexanoate(PFHxA-Li)*	0.01	mg/kg	N.D.	N.D.
Undecafluorohexanoic acid-piperazine (1:1)(PFHxA-Piperazine)*	0.01	mg/kg	N.D.	N.D.
Undecafluorohexanoic acidhexan-1-amine (1/1)(PFHxA-Hexylamine)*	0.01	mg/kg	N.D.	N.D.
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7- dodecafluoroheptanoate(HPFHpA-NH4)*	0.01	mg/kg	N.D.	N.D.
7-H-Perfluoroheptanoate(HPFHpA-)*	0.01	mg/kg	N.D.	N.D.
3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctane-1-sulfonate(6:2 FTSA-)*	0.01	mg/kg	N.D.	N.D.
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1- octanesulfonic Acid Ammonium Salt(6:2 FTSA-NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorohexanesulfonate(PFHxS-)*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluorohexane sulfonate*	0.01	mg/kg	N.D.	N.D.
Tetraethylammonium perfluorohexane sulfonate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorohexanesulfonate(PFHxS-Li)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorohexanesulfonate(PFHxSNH4)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	0.01	mg/kg	N.D.	N.D.
Nonadecafluorodecanoate(PFDA-)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorodecanoate(PFDA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorodecanoate(PFDA-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorodecanoate(PFDA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorodecanesulfonate(PFDS-)*	0.01	mg/kg	N.D.	N.D.
Perfluoroheptanesulfonate(PFHpS-)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluoroheptanesulfonate(PFHpS-NH4)*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluoroheptane sulfonate*	0.01	mg/kg	N.D.	N.D.
Perfluoropentanesulfonate(PFPS-)*	0.01	mg/kg	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluoropentane sulfonate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluoropentane sulfonate(PFPS-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluoropropanoate(PFPrA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluoropropanoate(PFPrA-)*	0.01	mg/kg	N.D.	N.D.

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Dated 2023-09-28



			Re	sult
Tested Items	MDL	Unit	01	02
Ammonium pentafluoropropionate(PFPrA-NH4)*	0.01	mg/kg	N.D.	N.D.
Potassium 1H,1H,2H,2H- perfluoroundecanoate(H4PFUnA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium 3- (perfluorooctyl)propanoate(H4PFUnA-Li)*	0.01	mg/kg	N.D.	N.D.
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonamide lithium salt (1:1)(PFOSA-Li)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonamide sodium salt (1:1)(PFOSA-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluoroundecanoate(PFUnA-)*	0.01	mg/kg	N.D.	N.D.
Sodium perfluoroundecanoate(PFUnA-Na)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluoroundecanoate(PFUnA-K)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluoroundecanoate(PFUnA-NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorododecanoate(PFDoA-)*	0.01	mg/kg	N.D.	N.D.
Sodium Perfluorododecanoate(PFDoA-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluorotridecanoate(PFTrA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorotridecanoate(PFTrA-NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorotetradecanoate(PFTeA-)*	0.01	mg/kg	N.D.	N.D.
4:2 Fluorotelomer sulfonate(4:2 FTS-)*	0.01	mg/kg	N.D.	N.D.
Sodium 1H,1H,2H,2H-perfluoro-1- hexanesulfonate(4:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.
2-(Perfluorooctyl)ethane-1- sulfonate(8:2FTS-)*	0.01	mg/kg	N.D.	N.D.
8:2 Fluorotelomer sulfonate ammonium salt(8:2FTS-NH4)*	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium(8:2FTS-Na)*	0.01	mg/kg	N.D.	N.D.
Potassium 2-(perfluorooctyl)ethane-1- sulfonate(8:2FTS-K)*	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium(10:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctadecanoate anion(PFODA-)*	0.01	mg/kg	N.D.	N.D.
Hentriacontafluorohexadecanoate anion(PFHxDA-)*	0.01	mg/kg	N.D.	N.D.
N-(Heptadecafluorooctylsulfonyl)-N- methylglycine potassium salt(N-MeFOSAA- K)	0.01	mg/kg	N.D.	N.D.
2-(N- Methylperfluorooctanesulfonamido)acetate(N-MeFOSAA-)	0.01	mg/kg	N.D.	N.D.
Ammonium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-NH4)	0.01	mg/kg	N.D.	N.D.

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Dated 2023-09-28



Tested Items	MDL	Unit	Result	
rested items	MIDL	Onit	01	02
2-(N-Ethyl- perfluorooctanesulfonamido)acetate(N- EtFOSAA-)	0.01	mg/kg	N.D.	N.D.
Sodium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-Na)	0.01	mg/kg	N.D.	N.D.
potassium N-ethyl-N- ((heptadecafluorooctyl)sulphonyl)glycinate(N-EtFOSAA-K)	0.01	mg/kg	N.D.	N.D.
Triethylaminium perfluoro-2- propoxypropanoate(HFPO-DA-(C2H5)3N)	0.01	mg/kg	N.D.	N.D.

Dated 2023-09-28



		1			
Tested Items	MDL	Unit	Result		
Totiou itomo	14.52	- Onne	03	04	
Heptafluorobutyric acid(PFBA))	0.01	mg/kg	N.D.	N.D.	
Perfluoropentane Acid (PFPA)	0.01	mg/kg	N.D.	N.D.	
Perfluorohexane Acid (PFHxA)	0.01	mg/kg	N.D.	N.D.	
7H-Dodecanefluoroheptane Acid (HPFHpA)	0.01	mg/kg	N.D.	N.D.	
Perfluorobutane Sulfonate (PFBS)	0.01	mg/kg	N.D.	N.D.	
Potassium nonafluoro-1- butanesulfonate(PFBS-K)*	0.01	mg/kg	N.D.	N.D.	
Perfluoroheptane Acid (PFHpA)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanoic acid (PFOA)	0.01	mg/kg	N.D.	N.D.	
Ammonium Pentadecafluoroctanoate					
(APFO)*	0.01	mg/kg	N.D.	N.D.	
Sodium perfluorooctanoate(Na-PFO)*	0.01	mg/kg	N.D.	N.D.	
Potassium perfluorooctanoate(K-PFO)*	0.01	mg/kg	N.D.	N.D.	
Silver perfluorooctanoate(Ag-PFO)*	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanoyl fluoride(F-PFO)*	0.01	mg/kg	N.D.	N.D.	
Tetrabutylphosphonium 2H,2H- Perfluorodecanoate	0.01	mg/kg	N.D.	N.D.	
Perfluorohexane Sulfonate (PFHxS)	0.01	mg/kg	N.D.	N.D.	
Sodium Perfluorohexanesulfonate(PFHxS-Na)*	0.01	mg/kg	N.D.	N.D.	
Potassium perfluorohexanesulfonate(PFHxS-K)*	0.01	mg/kg	N.D.	N.D.	
Perfluorononanoic acid (PFNA)	0.01	mg/kg	N.D.	N.D.	
Sodium perfluorononanoate(PFNA-Na)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluoropelargonate(APFN)*	0.01	mg/kg	N.D.	N.D.	
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	0.01	mg/kg	N.D.	N.D.	
Perfluoroheptane Sulfonate (PFHpS)	0.01	mg/kg	N.D.	N.D.	
Pentadecafluoro-1-heptanesulfinic acid sodium salt(PFHpS-Na)*	0.01	mg/kg	N.D.	N.D.	
Perfluorodecanoic acid (PFDA)	0.01	mg/kg	N.D.	N.D.	
Perfluorodecanoic acid, sodium salt (PFDA-Na)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluorodecanoate(APFDA)*	0.01	mg/kg	N.D.	N.D.	
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	0.01	mg/kg	N.D.	N.D.	
Perfluoroctansulfonate (PFOS)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctane sulphonamide(PFOSA)	0.01	mg/kg	N.D.	N.D.	
N-Methylheptadecafluorooctane- sulphonamide (N-Me-FOSA)	0.01	mg/kg	N.D.	N.D.	
N-Ethylperfluorooctane-1-sulfonamide(N-Et-FOSA)	0.01	mg/kg	N.D.	N.D.	
N-Me-FOSE alcohol (N-Me-FOSE)	0.01	mg/kg	N.D.	N.D.	
N-ET-FOSE alcohol (N-ET-FOSE)	0.01	mg/kg	N.D.	N.D.	
perfluoro-1-octanesulfonylfluoride	0.01	mg/kg	N.D.	N.D.	
(POSF/PFOSF)* Potasssium	0.01	mg/kg	N.D.	N.D.	
perfluorooctanesulphonate(PFOS-K)*		1			

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Dated 2023-09-28



		De		Result	
Tested Items	MDL	Unit		I	
A serve encircus			03	04	
Ammonium	0.01	mg/kg	N.D.	N.D.	
perfluorooctanesulfonate(PFOS-NH4)* Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,					
5,6,6,7,7,8,8,8-heptadecafluorooctane-1-	0.01	ma/ka	N.D.	N.D.	
sulfonate(PFOS-DDA)*	0.01	mg/kg	IN.D.	IN.D.	
Perfluoro-1-octanesulfonic acid,					
diethanolamine salt(PFOS-NH(OH)2)*	0.01	mg/kg	N.D.	N.D.	
Lithium perfluorooctylsulfonate(PFOS-Li)*	0.01	mg/kg	N.D.	N.D.	
Heptadecafluorooctanesulfonic acid					
tetraethylammonium salt(PFOS-N(C2H5)4)*	0.01	mg/kg	N.D.	N.D.	
Perfluoroundecanoic Acid (PFUnA)	0.01	mg/kg	N.D.	N.D.	
Perfluorododecanoic Acid (PFDoA)	0.01	mg/kg	N.D.	N.D.	
Perfluorodecane Sulfonate (PFDS)	0.01	mg/kg	N.D.	N.D.	
Sodium Perfluoro-1-					
decanesulfonate(PFDS-Na)*	0.01	mg/kg	N.D.	N.D.	
Potassium					
henicosafluorodecanesulphonate(PFDS-K)*	0.01	mg/kg	N.D.	N.D.	
Ammonium					
henicosafluorodecanesulphonate(PFDS-	0.01	mg/kg	N.D.	N.D.	
NH4)*	0.01	9/9	'"."		
Perfluorotridecanoic Acid (PFTrA)	0.01	mg/kg	N.D.	N.D.	
Perfluorotetradecanoic Acid (PFTeA)	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorodecanesulfonic acid					
(8:2 FTS)	0.01	mg/kg	N.D.	N.D.	
Methyl perfluorooctanoate (Me-PFOA)	0.01	mg/kg	N.D.	N.D.	
Ethyl perfluorooctanoate (Et-PFOA)	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluoro-1-decanol (8:2					
FTOH)	0.2	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorodecylacrylate (8:2	0.0	/1	NB	ND	
FTA)	0.2	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorodecyl methacrylate	0.0		N.D.	ND	
(8:2 FTMA)	0.2	mg/kg	N.D.	N.D.	
Perfluorooctyl iodide (PFOI)	0.5	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2	0.2	ma/ka	ND	ND	
FTOH)	0.2	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluoro-1-octanol (6:2	0.2	mg/kg	N.D.	N.D.	
FTOH)	0.2	mg/kg	N.D.	IN.D.	
1H,1H,2H,2H-Perfluorooctylacrylate (6:2	0.2	mg/kg	N.D.	N.D.	
FTA)	0.2	mg/kg	IN.D.	IN.D.	
1H,1H,2H,2H-Perfluorododecylacrylate	0.2	mg/kg	N.D.	N.D.	
(10:2 FTA)	0.2	mg/kg	IN.D.	IN.D.	
1H,1H,2H,2H-Perfluoro -1-dodecanol (10:2	0.2	mg/kg	N.D.	N.D.	
FTOH)	0.2	mg/kg	IN.D.	IN.D.	
Sodium Perfluoro-1-octanesulfonate(PFOS-	0.01	mg/kg	N.D.	N.D.	
Na)*					
PFBA-Na	0.01	mg/kg	N.D.	N.D.	
PFBA-NH2	0.01	mg/kg	N.D.	N.D.	
PFPA-Na	0.01	mg/kg	N.D.	N.D.	
PFPA-K	0.01	mg/kg	N.D.	N.D.	
PFPA-NH4	0.01	mg/kg	N.D.	N.D.	

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Dated 2023-09-28



			Result	
Tested Items	MDL	Unit	03	04
PFHxA-Na	0.01	mg/kg	N.D.	N.D.
PFHxA-K*	0.01	mg/kg	N.D.	N.D.
PFHxA-NH4	0.01	mg/kg	N.D.	N.D.
HPFHpA-Na	0.01	mg/kg	N.D.	N.D.
PFHpA-Na	0.01	mg/kg	N.D.	N.D.
PFHpA-K	0.01	mg/kg	N.D.	N.D.
PFHpA-NH2	0.01	mg/kg	N.D.	N.D.
PFBS-H2O	0.01	mg/kg	N.D.	N.D.
PFODA	0.01	mg/kg	N.D.	N.D.
PFHxDA	0.01	mg/kg	N.D.	N.D.
H2PFDA	0.01	mg/kg	N.D.	N.D.
PFHpS-K	0.01	mg/kg	N.D.	N.D.
6:2 FTMAC	0.2	mg/kg	N.D.	N.D.
N-MeFOSAA	0.01	mg/kg	N.D.	N.D.
N-EtFOSAA	0.01	mg/kg	N.D.	N.D.
PFSI	0.2	mg/kg	N.D.	N.D.
8:2 FTI	0.2	mg/kg	N.D.	N.D.
8:2diPAP	0.01	mg/kg	N.D.	N.D.
HFPO-DA	0.01	mg/kg	N.D.	N.D.
PFPS	0.01	mg/kg	N.D.	N.D.
PFPS-K	0.01	mg/kg	N.D.	N.D.
PFPS-Na	0.01	mg/kg	N.D.	N.D.
pentafluoropropionic acid(PFPrA)	0.01	mg/kg	N.D.	N.D.
sodium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.
potassium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorohexanesulfonic acid	0.01		N.D.	N.D.
(4:2 FTS)	0.01	mg/kg	IN.D.	IN.D.
magnesium	0.01	mg/kg	N.D.	N.D.
bis[heptadecafluorooctanesulphonate] 1-		+		
Octanesulfonicacid,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-	0.01	mg/kg	N.D.	N.D.
heptadecafluoro-,compd.withpiperidine(1:1)				
1H,1H,2H,2H-Perfluordodecansulfonsaure	0.01	mg/kg	N.D.	N.D.
(10:2 FTS)				
2,3,3,3-tetrafluoro-2-				
(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their	0.01	mg/kg	N.D.	N.D.
individual isomers and combinations th				
Ammonium Perfluorododecanoate				
(PFDoDA-NH4)	0.01	mg/kg	N.D.	N.D.
1,1,2,2-Tetrahydroperfluorododecyl				
methacrylate(10:2FTMA)	0.2	mg/kg	N.D.	N.D.
1,1,2,2-Tetrahydroperfluoro-1-	0.2	mg/kg	N.D.	N.D.
tetradecanol(12:2FTOH)	0.2	mg/Ng	14.0.	14.0.
1H,1H,2H,2H-Perfluorododecyl iodide(10:2FTI)	0.2	mg/kg	N.D.	N.D.
1H,1H,2H,2H- Perfluorotetradecyliodide(12:2FTI)	0.2	mg/kg	N.D.	N.D.

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Tooted Home			Result	
Tested Items	MDL	Unit	03	04
N-Methyl-perfluorohexane-1-sulfonamide	0.01	mg/kg	N.D.	N.D.
(N-Me-FHxSA)				
Perfluorohexanesulfonamide(PFHxSA)	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonate*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorooctanoate(PFOA-Li)*	0.01	mg/kg	N.D.	N.D.
Pentadecafluorooctanoic acid-pyridine (1/1)(PFOA-Pyridine)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate N,N,N- trimethylmethanaminium*	0.01	mg/kg	N.D.	N.D.
Perfluorononanoate(PFNA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorononanoate(PFNA-Ag)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorononanoate(PFNA-K)*	0.01	mg/kg	N.D.	N.D.
Methanaminium perfluorononanoate(PFNA-CH3NH2)*	0.01	mg/kg	N.D.	N.D.
Cyclohexanaminium perfluorononanoate(PFNA-C6H11NH2)*	0.01	mg/kg	N.D.	N.D.
N,N-Diethylethanaminium heptadecafluorononanoate*	0.01	mg/kg	N.D.	N.D.
Silver perfluorobutanoate(PFBA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanoate(PFBA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorobutanoate(PFBA-NH3)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorobutyrate(PFBA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorobutanoate(PFBA-Li)*	0.01	mg/kg	N.D.	N.D.
Tetraethylazanium nonafluorobutane-1-sulfonate*	0.01	mg/kg	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,4- nonafluorobutane-1-sulphonate(PFBS- NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanesulfonate(PFBS-)*	0.01	mg/kg	N.D.	N.D.
Tetramethylammonium perfluorobutane sulfonate*	0.01	mg/kg	N.D.	N.D.
Sodium perfluorobutylsulfonate(PFBS-Na)*	0.01	mg/kg	N.D.	N.D.
Lithium nonafluorobutanesulfonate(PFBS-Li)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate (PFBS- (CH2CH2CH2OH)2NH)*	0.01	mg/kg	N.D.	N.D.
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide(PFBS-N-(2-hydroxyethyl)-N-methyl)*	0.01	mg/kg	N.D.	N.D.
Perfluoropentanoate(PFPA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluoropentanoate(PFPA-Ag)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluoropentanoate(PFPA-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorohexanoate(PFHxA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorohexanoate(PFHxA-)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorohexanoate(PFHxA-Li)*	0.01	mg/kg	N.D.	N.D.

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Dated 2023-09-28



Undecaffuorohexanoic acid-piperazine	Tostad Itams			Result	
(1:11)(PFHXA-Piperazine)* U.01 Ingkg N.D. N.D. Undecafluorohexanoic acidhexan-1-amine (I/1)(PFHXA-Hexylamine)* 0.01 mg/kg N.D. N.D. Ammonium 2,2,3,3,4,4,5,6,6,7,7-dodecafluoroheptanoate(HPFHpA-NH4)* 0.01 mg/kg N.D. N.D. 7-H-Perfluoroheptanoate(HPFHpA-)* 0.01 mg/kg N.D. N.D. 3,3,4,4,5,6,6,7,7,8,8,8-Tridecafluoro-1-cotanesulfonic Acid Ammonium Salt(6:2 0.01 mg/kg N.D. N.D. FTSA-NH4)* 0.01 mg/kg N.D. N.D. N.D. Perfluorohexanesulfonate(PFHxS-)* 0.01 mg/kg N.D. N.D. Tetraethylammonium perfluorohexane 0.01 mg/kg N.D. N.D. Sulfonate* 0.01 mg/kg N.D. N.D. Lithium perfluorohexanesulfonate(PFHxS-L)* 0.01 mg/kg N.D. N.D. Ammonium perfluorohexanesulfonate(PFDA-)* 0.01 mg/kg N.D. N.D. Potassium perfluorohexanesulfonate(PFDA-)* 0.01 mg/kg N.D. N.D. Potassium p	Tested Items	MDL	Unit	03	04
(1:1)(PFHXA-F)perazine)* 0.01 mg/kg N.D. N.D. Undecaffuorohexanoic acid-hexan-1-amine (I/1)(PFHXA-Hexylamine)* 0.01 mg/kg N.D. N.D. Ammonium 2,2,3,3,4,4,5,6,6,7,7* dodecaffuoroheptanoate(HPFHpA-Y)* 0.01 mg/kg N.D. N.D. 7-H-Perfluoroheptanoate(HPFHpA-Y)* 0.01 mg/kg N.D. N.D. 3,3,4,5,5,6,7,7,8,8-Tridecaffuoro-1-ctanesuffonic Acid Ammonium Salt(6:2 0.01 mg/kg N.D. N.D. Perfluorohexanesulfonate(PFHxS-)* 0.01 mg/kg N.D. N.D. Perfluorohexanesulfonate(PFHxS-)* 0.01 mg/kg N.D. N.D. Triethylammonium perfluorohexane sulfonate* 0.01 mg/kg N.D. N.D. Lithium perfluorohexanesulfonate(PFHxS-U)* 0.01 mg/kg N.D. N.D. Mmonium perfluorohexanesulfonate(PFHxS-NH4)* 0.01 mg/kg N.D. N.D. Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate(PFDA-N)* 0.01 mg/kg N.D. N.D. Potassium perfluorodecanoate(PFDA-N)* 0.01 mg/kg N.D.		0.01	mg/kg	N.D.	N.D.
(I/I/)(PFHxA-Hexylamine)* 0.01 rigkg N.D. N.D. Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate(HPFHpA-NH4)* 0.01 mg/kg N.D. N.D. 7-H-Perfluoroheptanoate(HPFHpA-N)* 0.01 mg/kg N.D. N.D. 3,3,4,5,5,6,6,7,7,8,8-Fridecafluoro-1-octanesulfonic Acid Ammonium Salt(6:2 0.01 mg/kg N.D. N.D. FTSA-NH4)* 0.01 mg/kg N.D. N.D. N.D. Perfluorohexanesulfonate(PFHxS-)* 0.01 mg/kg N.D. N.D. Tetraethylammonium perfluorohexane sulfonate* 0.01 mg/kg N.D. N.D. Lithium perfluorohexanesulfonate(PFHxS-Li)* 0.01 mg/kg N.D. N.D. Lithium perfluorohexanesulfonate(PFHxS-NH4)* 0.01 mg/kg N.D. N.D. Bis(2-hydroxyethyl)ammonium 0.01 mg/kg N.D. N.D. Potassium perfluorodecanoate(PFDA-I*)* 0.01 mg/kg N.D. N.D. Nonadecafluorodecanoate(PFDA-I)* 0.01 mg/kg N.D. N.D. Perfluoroheptan			3 3		
March Marc		0.01	mg/kg	N.D.	N.D.
dodecafluoroheptanoate(HPFHpA-NH4)* 0.01 mg/kg N.D. N.D. 7-H-Perfluoroheptanoate(HPFHpA-)* 0.01 mg/kg N.D. N.D. N.D. 3,3,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanesulfonic Acid Ammonium Salt(6:2 0.01 mg/kg N.D. N.D. 3,3,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-octanesulfonic Acid Ammonium Salt(6:2 0.01 mg/kg N.D. N.D. FTSA-NH4)* 0.01 mg/kg N.D. N.D. N.D. Perfluorohexanesulfonate(PFHxS-)* 0.01 mg/kg N.D. N.D. Triethylammonium perfluorohexane sulfonate* 0.01 mg/kg N.D. N.D. Lithium perfluorohexanesulfonate(PFHxSNH4)* 0.01 mg/kg N.D. N.D. Ammonium perfluorohexanesulfonate(PFHxSNH4)* 0.01 mg/kg N.D. N.D. Noadecafluorodecanesulfonate(PFHxSNH4)* 0.01 mg/kg N.D. N.D. Nonadecafluorodecanoate(PFDA-)* 0.01 mg/kg N.D. N.D. Noadecafluorodecanoate(PFDA-)* 0.01 mg/kg N.D. N.D. <td></td> <td></td> <td>3 3</td> <td></td> <td></td>			3 3		
7-H-Perfluoroheptanoate(HPFHpA-)* 3,3,4,5,5,6,6,7,7,8,8-B* indecafluorooctane-1-sulfonate(6:2 FTSA-)* 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1- octanesulfonia Acid Ammonium Salt(6:2		0.01	mg/kg	N.D.	N.D.
3.3.4,4,5,5,6,6,7,7,8,8-8 tridecafluorooctane-1-sulfonate(6:2 FTSA-)* octanesulfonic Acid Ammonium Salt(6:2 FTSA-NH4)* Perfluorohexanesulfonate(PFHxS-)* O.01 mg/kg N.D. N.D. N.D. Perfluorohexanesulfonate(PFHxS-)* O.01 mg/kg N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D		0.01	mg/kg	N.D.	N.D.
tridecalluoroactae-1-suronate(c): 2 FISA-1' 3,3,4,5,5,6,6,7,7,8,8-Tridecaffluoro-1- octanesulfonic Acid Ammonium Salt(6:2 FTSA-NH4)' Perfluorohexanesulfonate(PFHxS-)* Triethylammonium perfluorohexane sulfonate* 0.01 mg/kg N.D. N.D. Triethylammonium perfluorohexane sulfonate* 0.01 mg/kg N.D. N.D. Lithium perfluorohexanesulfonate(PFHxS- Li)* Ammonium perfluorohexanesulfonate(PFHxS-NH4)* Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate* 0.01 mg/kg N.D. N.D. N.D. N.D. Potassium perfluorodecanoate(PFDA-)* O.01 mg/kg N.D. N.D. N.D. Silver perfluorodecanoate(PFDA-Li)* 0.01 mg/kg N.D. N.D. Silver perfluorodecanoate(PFDA-Q)* 0.01 mg/kg N.D. N.D. Silver perfluorodecanoate(PFDA-Q)* 0.01 mg/kg N.D. N.D. Silver perfluorodecanoate(PFDA-D-Y)* 0.01 mg/kg N.D. N.D. Derfluoroheptanesulfonate(PFDS-)* 0.01 mg/kg N.D. N.D. Derfluoroheptanesulfonate(PFDS-)* 0.01 mg/kg N.D. N.D. N.D. Bis(2-hydroxyethyl)ammonium 0.01 mg/kg N.D. N.D. N.D. Bis(2-hydroxyethyl)ammonium 0.01 mg/kg N.D. N.D. N.D. Derfluoroheptanesulfonate(PFHpS-NH4)* Triethylammonium perfluoroheptane sulfonate* 0.01 mg/kg N.D. N.D. N.D. Perfluoropentanesulfonate(PFPS-)* 0.01 mg/kg N.D. N.D. N.D. N.D. Perfluoropentanesulfonate(PFPS-)* 0.01 mg/kg N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.		0.01		ND	ND
octanesulfonic Acid Ammonium Salt(6:2 FTSA-NH4)* 0.01 mg/kg N.D. N.D. PFTSA-NH4)** 0.01 mg/kg N.D. N.D. N.D. Preffluorohexanesulfonate(PFHxS- sulfonate* 0.01 mg/kg N.D. N.D. N.D. Lithium perfluorohexanesulfonate(PFHxS- L)* 0.01 mg/kg N.D. N.D. N.D. Ammonium perfluorohexanesulfonate(PFHxSNH4)* 0.01 mg/kg N.D. N.D. N.D. Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate* 0.01 mg/kg N.D. N.D. N.D. Nonadecafluorodecanoate(PFDA-** 0.01 mg/kg N.D. N.D. N.D. Potassium perfluorodecanoate(PFDA-K)* 0.01 mg/kg N.D. N.D. Nanadecafluorodecanoate(PFDA-kg)* 0.01 mg/kg N.D. N.D. Perfluorodecanoate(PFDA-kg)* 0.01 mg/kg N.D. N.D. Nepriluorodecanoate(PFDARg)* 0.01 mg/kg N.D. N.D. Perfluoroheptanesulfonate(PFDS-)* 0.01 mg/kg N.D. N.D. Perfluoroheptanesulfonate(PFHpS-)* 0.01 mg/kg N.D. N.D. Per	tridecafluorooctane-1-sulfonate(6:2 FTSA-)*	0.01	mg/kg	N.D.	N.D.
Perfluorohexanesulfonate(PFHxS-)*		0.01	ma/ka	ND	ND
Perfluorohexanesulfonate(PFHxS-)*		0.01	ilig/kg	IN.D.	IN.D.
sulfonate* Tetraethylammonium perfluorohexane sulfonate* Lithium perfluorohexanesulfonate(PFHxS-Li)* Ammonium perfluorohexanesulfonate(PFHxS-NH4)* Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate* Nonadecafluorodecanoate(PFDA-)* Perfluorohexanesulfonate(PFDA-Ag)* Perfluorohexanesulfonate(PFDA-Ag)* Perfluorohexanesulfonate(PFDS-NH4)* Nonadecafluorodecanoate(PFDA-Ag)* Perfluorohexanesulfonate(PFDA-Ag)* Perfluorohexanesulfonate(PFDA-By)* N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	Perfluorohexanesulfonate(PFHxS-)*	0.01	mg/kg	N.D.	N.D.
Tetraethylammonium perfluorohexane sulfonate* Lithium perfluorohexanesulfonate(PFHxS-Li)* Ammonium perfluorohexanesulfonate(PFHxS-NH4)* Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate* Nonadecafluorodecanoate(PFDA-)* Nonadecafluorodecanoate(PFDA-K)* Dithium perfluorodecanoate(PFDA-Li)* Silver perfluorodecanoate(PFDA-Ag)* Perfluoroheyanesulfonate* Ammonium perfluorodecanoate(PFDS-)* Perfluorohexanesulfonate(PFHpS-NH4)* Bis(2-hydroxyethyl)ammonium perfluorodecanoate(PFDA-Ag)* Perfluorodecanoate(PFDA-Ag)* O.01 mg/kg N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D		0.01	mg/kg	N.D.	N.D.
sulfonate* Lithium perfluorohexanesulfonate(PFHxS-Li)* Ammonium perfluorohexanesulfonate(PFHxS-NH4)* Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate* Nonadecafluorodecanoate(PFDA-)* Potassium perfluorodecanoate(PFDA-Li)* Potassium perfluorodecanoate(PFDA-Li)* Perfluorodecanoate(PFDA-Li)* Perfluorohexanesulfonate(PFDA-Li)* N.D. Potassium perfluorodecanoate(PFDA-Ag)* Perfluorodecanoate(PFDA-Ag)* N.D. Perfluoroheptanesulfonate(PFDS-)* Ammonium perfluoroheptanesulfonate(PFPS-NH4)* Perfluoroheptanesulfonate(PFPS-NH4)* Perfluoroheptanesulfonate(PFPS-)* Ammonium perfluoroheptanesulfonate(PFPS-NH4)* Perfluoropentanesulfonate(PFPS-NH4)* Perfluoropentanesulfonate(PFPS-NH4)* Pis(2-hydroxyethyl)ammonium perfluoroheptane sulfonate* Perfluoropentanesulfonate(PFPS-NH4)* Pis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate(PFPS-NH4)* Pis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate(PFPS-NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate(PFPS-NH4)*		0.04		ND	ND
Li)* Ammonium perfluorohexanesulfonate(PFHxSNH4)* Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate* N.D. N.D. Potassium perfluorodecanoate(PFDA-)* Silver perfluorodecanoate(PFDA-Ag)* Ammonium perfluorohexanesulfonate(PFDS-)* Perfluoroheptanesulfonate(PFDS-)* Ammonium perfluoroheptanesulfonate(PFHpS-NH4)* Perfluoropentanesulfonate(PFPS-)* Ammonium perfluoropentanesulfonate(PFPS-)* D.01	sulfonate*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorohexanesulfonate(PFHxSNH4)* Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate* Nonadecafluorodecanoate(PFDA-)* Nonadecafluorodecanoate(PFDA-K)* Nonadecafluorodecanoate(PFDA-L)* Nonadecafluorodecanoate(PFDA-K)* Nonadecafluorodecanoate(PFDS-)* Nonadecafluorodecanoate(PFDS-)* Nonadecafluorodecanoate(PFDS-)* Nonadecafluorodecanoate(PFHS-NH4)* Nonadecafluorodecanoate(PFHS-NH4)* Nonadecafluorodecanoate(PFHS-NH4)* Nonadecafluorodecanoate(PFPS-NH4)* Nonadecafluorodecanoate(PFDA-Nh4)* Nonadecafluorodecanoate(PFDA-Nh4)* Nonadecafluorodecanoate(PFDA-Nh4)* Nonadecafluorodecanoate(PFDA-Nh4)* Nonadecafluorodecanoate(PFDA-Nh4)* Nonadecafluorodecanoate(PFDA-Nh4)* Nonadecafluorodecanoate(PFDA-Nh4)* Nonadecafluorodecanoate(PFDA-Nh4)* Nonadecafluorodecanoate(PFDA-Nh4)* Nonadec		0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate* Nonadecafluorodecanoate(PFDA-)* Nonadecafluorodecanoate(PFDA-)* Potassium perfluorodecanoate(PFDA-L)* Lithium perfluorodecanoate(PFDA-L)* Silver perfluorodecanoate(PFDA-Ag)* Perfluorodecanoate(PFDA-Ag)* Perfluorodecanesulfonate(PFDS-)* Perfluoroheptanesulfonate(PFHpS-)* Armmonium perfluoroheptanesulfonate(PFHpS-NH4)* Triethylammonium perfluoroheptane sulfonate* Armmonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentanesulfonate(PFPS-NH4)* Bis(2-hydroxyethyl)ammonium perfluoroheptane sulfonate* D.01 mg/kg N.D. N.D. N.D. N.D. Mrdy N.D. N.D. N.D. Mrdy N.D. N.D. N.D. Mrdy N.D. N.D. N.D. Mrdy N.D. N.D. N.D. Mrdy N.D. N.D. N.D. Mrdy N.D. N.D. N.D. Mrdy N.D. N.D. Mrdy	Ammonium	0.01	mg/kg	N.D.	N.D.
Nonadecafluorodecanoate(PFDA-)* Nonadecafluorodecanoate(PFDA-K)* Nonadecafluorodecanoate(PFDA-K)* Nonadecafluorodecanoate(PFDA-K)* Nonadecafluorodecanoate(PFDA-K)* Nonadecafluorodecanoate(PFDA-Li)* Nonadecafluorodecanoate(PFDA-Li)* Nonadecafluorodecanoate(PFDA-Li)* Nonadecafluorodecanoate(PFDA-Li)* Nonadecafluorodecanoate(PFDA-Li)* Nonadecafluorodecanoate(PFDA-Li)* Nonadecafluorodecanoate(PFDA-Li)* Nonadecafluorodecanoate(PFDA-Li)* Nonadecafluorodecanoate(PFDA-Li)* Nonadecafluorodecanoate(PFDS-)* Nonadecafluorodecanoate(PFDS-)* Nonadecafluorodecanoate(PFDS-)* Nonadecafluorodecanoate(PFDS-)* Nonadecafluorodecanoate(PFDS-)* Nonadecafluorodecanoate(PFDS-)* Nonadecafluorodecanoate(PFPS-NH4)* Nonadecafluorodecanoate(PFPA-Nh4)* Nonadecafluorodecanoate(PFPA-Nh4	Bis(2-hydroxyethyl)ammonium	0.01	ma/ka	ND	ND
Potassium perfluorodecanoate(PFDA-K)* Lithium perfluorodecanoate(PFDA-Li)* Lithium perfluorodecanoate(PFDA-Li)* Silver perfluorodecanoate(PFDA-Ag)* Perfluorodecanoate(PFDA-Ag)* Perfluorodecanesulfonate(PFDS-)* Perfluorodecanesulfonate(PFDS-)* Perfluoroheptanesulfonate(PFHpS-)* Ammonium perfluoroheptanesulfonate* Ammonium perfluoroheptanesulfonate(PFHpS-NH4)* Triethylammonium perfluoroheptane sulfonate* Perfluoropentanesulfonate(PFPS-)* Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)* Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate(PFPS- NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* 0.01 mg/kg N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.					
Lithium perfluorodecanoate(PFDA-Li)* Silver perfluorodecanoate(PFDA-Ag)* Perfluorodecanoate(PFDA-Ag)* Perfluorodecanesulfonate(PFDS-)* Perfluoroheptanesulfonate(PFHpS-)* Dis(2-hydroxyethyl)ammonium perfluoropentane sulfonate(PFPS-Li)* Perfluoropentanesulfonate(PFPS-Li)* Dis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate* Ammonium perfluoroheptanesulfonate(PFPS-Li)* Perfluoropentanesulfonate(PFPS-Li)* Dis(2-hydroxyethyl)ammonium perfluoroheptane Sulfonate* Dis(2-hydroxyethyl)ammonium perfluoropentanesulfonate(PFPS-Li)* Dis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* Dis(3-hydroxyethyl)ammonium perfluoropentanesulfonate(PFPS-Li)* Dis(3-hydroxyethyl)ammonium perfluoropentanesulfonate(
Silver perfluorodecanoate(PFDA-Ag)* 0.01 mg/kg N.D. N.D. Perfluorodecanesulfonate(PFDS-)* 0.01 mg/kg N.D. N.D. N.D. Perfluoroheptanesulfonate(PFHpS-)* 0.01 mg/kg N.D. N.D. N.D. Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate* 0.01 mg/kg N.D. N.D. N.D. Triethylammonium perfluoroheptanesulfonate(PFHpS-NH4)* 0.01 mg/kg N.D. N.D. N.D. Perfluoropentanesulfonate(PFPS-)* 0.01 mg/kg N.D. N.D. N.D. Ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate(PFPS-NH4)* 0.01 mg/kg N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D					
Perfluorodecanesulfonate(PFDS-)* Perfluoroheptanesulfonate(PFHpS-)* Disi(2-hydroxyethyl)ammonium perfluoroheptanesulfonate* Ammonium perfluoroheptanesulfonate(PFHpS-NH4)* Triethylammonium perfluoroheptane sulfonate* Perfluoropentanesulfonate(PFPS-)* Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS-NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate(PFPS-NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* 0.01 mg/kg N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.					
Perfluoroheptanesulfonate(PFHpS-)* Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate* Ammonium perfluoroheptanesulfonate(PFHpS-NH4)* Triethylammonium perfluoroheptane sulfonate* Perfluoropentanesulfonate(PFPS-)* Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS-NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* 0.01 mg/kg N.D. N.D. Mmg/kg N.D. N.D. N.D. Mmg/kg N.D. N.D. N.D. Mmg/kg N.D. N.D. N.D. Mmg/kg N.D. N.D. N.D. Mmg/kg N.D. N.D. N.D. N.D. Mmg/kg N.D. N.D. N.D. Mmg/kg N.D. N.D. N.D. Silver perfluoropropanoate(PFPA-)* O.01 mg/kg N.D. N.D. Mmg/kg N.D. N.D. N.D. Mmg/kg N.D. N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D. Mmg/kg N.D. N.D.					
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate* Ammonium perfluoroheptanesulfonate(PFHpS-NH4)* Triethylammonium perfluoroheptane sulfonate* Perfluoropentanesulfonate(PFPS-)* Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* Triethylammonium perfluoropentane sulfonate* D.01 mg/kg N.D. N.D. mg/kg N.D. N.D. mg/kg N.D. N.D. N.D. N.D. mg/kg N.D. N.D. N.D. N.D. mg/kg N.D. N.D. N.D. N.D. Silver perfluoropropanoate(PFPrA-)* Ammonium pentafluoropropionate(PFPrA- N.D. M.D. N.D. Mg/kg N.D. N.D. N.D. N.D.					
perfluoroheptanesulfonate* Ammonium perfluoroheptanesulfonate(PFHpS-NH4)* Triethylammonium perfluoroheptane sulfonate* Perfluoropentanesulfonate(PFPS-)* Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* Triethylammonium perfluoropentane sulfonate* 1 0.01 mg/kg N.D. N.D. mg/kg N.D. N.D. mg/kg N.D. N.D. N.D. N.D. mg/kg N.D. N.D. N.D. N.D. Ithium perfluoropentane sulfonate(PFPS- Li)* Silver perfluoropropanoate(PFPrA-Ag)* Perfluoropropanoate(PFPrA-)* Ammonium pentafluoropropionate(PFPrA- O.01 mg/kg N.D. N.D. N.D.		0.01	mg/kg	N.D.	N.D.
Ammonium perfluoroheptanesulfonate(PFHpS-NH4)* Triethylammonium perfluoroheptane sulfonate* Perfluoropentanesulfonate(PFPS-)* Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* Triethylammonium perfluoropentane sulfonate* 10.01 mg/kg N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.		0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluoroheptane sulfonate* Perfluoropentanesulfonate(PFPS-)* Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* Triethylammonium perfluoropentane sulfonate* 0.01 mg/kg N.D. N.D. N.D. mg/kg N.D. N.D. N.D. N.D. N.D. mg/kg N.D. N.D. N.D. N.D. N.D. N.D. N.D. Mg/kg N.D. N.D. N.D. N.D.	Ammonium	0.01	mg/kg	N.D.	N.D.
Perfluoropentanesulfonate(PFPS-)* Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* Triethylammonium perfluoropentane sulfonate* Lithium perfluoropentane sulfonate(PFPS- Li)* Silver perfluoropropanoate(PFPrA-Ag)* Perfluoropropanoate(PFPrA-)* Ammonium pentafluoropropionate(PFPrA- O.01 mg/kg N.D. N.D. mg/kg N.D. N.D. N.D.	Triethylammonium perfluoroheptane	0.01	ma/ka	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* Triethylammonium perfluoropentane sulfonate* Lithium perfluoropentane sulfonate(PFPS- Li)* Silver perfluoropropanoate(PFPrA-Ag)* Perfluoropropanoate(PFPrA-)* Ammonium pentafluoropropionate(PFPrA- O.01 mg/kg N.D.		0.04		N.D.	ND
undecafluoropentane-1-sulphonate(PFPS-NH4)* Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* Triethylammonium perfluoropentane sulfonate* Lithium perfluoropentane sulfonate(PFPS-Li)* Silver perfluoropropanoate(PFPrA-Ag)* Perfluoropropanoate(PFPrA-)* Ammonium pentafluoropropionate(PFPrA- 0.01 mg/kg N.D. N.D. N.D. mg/kg N.D. N.D. N.D. N.D. N.D. N.D. Mg/kg N.D. N.D.		0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate* 0.01 mg/kg N.D. N.D. Triethylammonium perfluoropentane sulfonate* 0.01 mg/kg N.D. N.D. Lithium perfluoropentane sulfonate(PFPS-Li)* 0.01 mg/kg N.D. N.D. Silver perfluoropropanoate(PFPrA-Ag)* 0.01 mg/kg N.D. N.D. Perfluoropropanoate(PFPrA-)* 0.01 mg/kg N.D. N.D. Ammonium pentafluoropropionate(PFPrA- 0.01 mg/kg N.D. N.D.	undecafluoropentane-1-sulphonate(PFPS-	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluoropentane sulfonate* Lithium perfluoropentane sulfonate(PFPS-Li)* Silver perfluoropropanoate(PFPrA-Ag)* Perfluoropropanoate(PFPrA-)* Ammonium pentafluoropropionate(PFPrA- O.01 mg/kg N.D.	Bis(2-hydroxyethyl)ammonium	0.01	ma/ka	N.D.	N.D.
sulfonate* 0.01 Img/kg N.D. N.D. Lithium perfluoropentane sulfonate(PFPS-Li)* 0.01 mg/kg N.D. N.D. Silver perfluoropropanoate(PFPrA-Ag)* 0.01 mg/kg N.D. N.D. Perfluoropropanoate(PFPrA-)* 0.01 mg/kg N.D. N.D. Ammonium pentafluoropropionate(PFPrA- 0.01 mg/kg N.D. N.D.			3 3	-	
Li)* Silver perfluoropropanoate(PFPrA-Ag)* Perfluoropropanoate(PFPrA-)* Ammonium pentafluoropropionate(PFPrA- O.01 mg/kg N.D.	sulfonate*	0.01	mg/kg	N.D.	N.D.
Silver perfluoropropanoate(PFPrA-Ag)* Perfluoropropanoate(PFPrA-)* Ammonium pentafluoropropionate(PFPrA- 0.01 mg/kg N.D. N.D. N.D. mg/kg N.D. N.D.		0.01	mg/kg	N.D.	N.D.
Perfluoropropanoate(PFPrA-)* 0.01 mg/kg N.D. N.D. Ammonium pentafluoropropionate(PFPrA-		0.01	ma/ka	N.D.	N.D.
Ammonium pentafluoropropionate(PFPrA-					
	Ammonium pentafluoropropionate(PFPrA-				

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Dated 2023-09-28



Toetod Itoms			Res	Result	
Tested Items	MDL	Unit	03	04	
Potassium 1H,1H,2H,2H-	0.01	mg/kg	N.D.	N.D.	
perfluoroundecanoate(H4PFUnA-K)*		9,9	1		
Lithium 3-	0.01	mg/kg	N.D.	N.D.	
(perfluorooctyl)propanoate(H4PFUnA-Li)*		9,9	11.5.		
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanesulfonamide lithium salt (1:1)(PFOSA-Li)*	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanesulfonamide sodium salt (1:1)(PFOSA-Na)*	0.01	mg/kg	N.D.	N.D.	
Perfluoroundecanoate(PFUnA-)*	0.01	mg/kg	N.D.	N.D.	
Sodium perfluoroundecanoate(PFUnA-Na)*	0.01	mg/kg	N.D.	N.D.	
Potassium perfluoroundecanoate(PFUnA-K)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluoroundecanoate(PFUnA-NH4)*	0.01	mg/kg	N.D.	N.D.	
Perfluorododecanoate(PFDoA-)*	0.01	mg/kg	N.D.	N.D.	
Sodium Perfluorododecanoate(PFDoA-Na)*	0.01	mg/kg	N.D.	N.D.	
Perfluorotridecanoate(PFTrA-)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluorotridecanoate(PFTrA-NH4)*	0.01	mg/kg	N.D.	N.D.	
Perfluorotetradecanoate(PFTeA-)*	0.01	mg/kg	N.D.	N.D.	
4:2 Fluorotelomer sulfonate(4:2 FTS-)*	0.01	mg/kg	N.D.	N.D.	
Sodium 1H,1H,2H,2H-perfluoro-1- hexanesulfonate(4:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.	
2-(Perfluorooctyl)ethane-1- sulfonate(8:2FTS-)*	0.01	mg/kg	N.D.	N.D.	
8:2 Fluorotelomer sulfonate ammonium salt(8:2FTS-NH4)*	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium(8:2FTS-Na)*	0.01	mg/kg	N.D.	N.D.	
Potassium 2-(perfluorooctyl)ethane-1- sulfonate(8:2FTS-K)*	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium(10:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.	
Perfluorooctadecanoate anion(PFODA-)*	0.01	mg/kg	N.D.	N.D.	
Hentriacontafluorohexadecanoate anion(PFHxDA-)*	0.01	mg/kg	N.D.	N.D.	
N-(Heptadecafluorooctylsulfonyl)-N- methylglycine potassium salt(N-MeFOSAA- K)	0.01	mg/kg	N.D.	N.D.	
2-(N- Methylperfluorooctanesulfonamido)acetate(N-MeFOSAA-)	0.01	mg/kg	N.D.	N.D.	
Ammonium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-NH4)	0.01	mg/kg	N.D.	N.D.	
2-(N-Ethyl- perfluorooctanesulfonamido)acetate(N- EtFOSAA-)	0.01	mg/kg	N.D.	N.D.	

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Dated 2023-09-28



Tested Items	MDI			sult
Tested items	MDL	Unit	03	04
Sodium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-Na)	0.01	mg/kg	N.D.	N.D.
potassium N-ethyl-N- ((heptadecafluorooctyl)sulphonyl)glycinate(N-EtFOSAA-K)	0.01	mg/kg	N.D.	N.D.
Triethylaminium perfluoro-2- propoxypropanoate(HFPO-DA-(C2H5)3N)	0.01	mg/kg	N.D.	N.D.

Dated 2023-09-28



			Result		
Tested Items	MDL	Unit		Sult	
		J.I.I.	05	06	
Heptafluorobutyric acid(PFBA))	0.01	mg/kg	N.D.	N.D.	
Perfluoropentane Acid (PFPA)	0.01	mg/kg	N.D.	N.D.	
Perfluorohexane Acid (PFHxA)	0.01	mg/kg	N.D.	N.D.	
7H-Dodecanefluoroheptane Acid (HPFHpA)	0.01	mg/kg	N.D.	N.D.	
Perfluorobutane Sulfonate (PFBS)	0.01	mg/kg	N.D.	N.D.	
Potassium nonafluoro-1- butanesulfonate(PFBS-K)*	0.01	mg/kg	N.D.	N.D.	
Perfluoroheptane Acid (PFHpA)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanoic acid (PFOA)	0.01	mg/kg	N.D.	N.D.	
Ammonium Pentadecafluoroctanoate		ilig/kg			
(APFO)*	0.01	mg/kg	N.D.	N.D.	
Sodium perfluorooctanoate(Na-PFO)*	0.01	mg/kg	N.D.	N.D.	
Potassium perfluorooctanoate(K-PFO)*	0.01	mg/kg	N.D.	N.D.	
Silver perfluorooctanoate(Ag-PFO)*	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanoyl fluoride(F-PFO)*	0.01	mg/kg	N.D.	N.D.	
Tetrabutylphosphonium 2H,2H- Perfluorodecanoate	0.01	mg/kg	N.D.	N.D.	
Perfluorohexane Sulfonate (PFHxS)	0.01	mg/kg	N.D.	N.D.	
Sodium Perfluorohexanesulfonate(PFHxS-Na)*	0.01	mg/kg	N.D.	N.D.	
Potassium	0.01	mg/kg	N.D.	N.D.	
perfluorohexanesulfonate(PFHxS-K)*	0.04		N.D.	N D	
Perfluorononanoic acid (PFNA)	0.01	mg/kg	N.D.	N.D.	
Sodium perfluorononanoate(PFNA-Na)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluoropelargonate(APFN)*	0.01	mg/kg	N.D.	N.D.	
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	0.01	mg/kg	N.D.	N.D.	
Perfluoroheptane Sulfonate (PFHpS)	0.01	mg/kg	N.D.	N.D.	
Pentadecafluoro-1-heptanesulfinic acid sodium salt(PFHpS-Na)*	0.01	mg/kg	N.D.	N.D.	
Perfluorodecanoic acid (PFDA)	0.01	mg/kg	N.D.	N.D.	
Perfluorodecanoic acid,sodium salt(PFDA-Na)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluorodecanoate(APFDA)*	0.01	mg/kg	N.D.	N.D.	
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	0.01	mg/kg	N.D.	N.D.	
Perfluoroctansulfonate (PFOS)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctane sulphonamide(PFOSA)	0.01	mg/kg	N.D.	N.D.	
N-Methylheptadecafluorooctane- sulphonamide (N-Me-FOSA)	0.01	mg/kg	N.D.	N.D.	
N-Ethylperfluorooctane-1-sulfonamide(N-Et-	0.01	mg/kg	N.D.	N.D.	
FOSA)					
N-Me-FOSE alcohol (N-Me-FOSE)	0.01	mg/kg	N.D.	N.D.	
N-ET-FOSE alcohol (N-ET-FOSE)	0.01	mg/kg	N.D.	N.D.	
perfluoro-1-octanesulfonylfluoride (POSF/PFOSF)*	0.01	mg/kg	N.D.	N.D.	
Potasssium perfluorooctanesulphonate(PFOS-K)*	0.01	mg/kg	N.D.	N.D.	

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

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Dated 2023-09-28



Tosted Items			Result	
Tested Items	MDL	Unit	05	06
Ammonium	0.01	mg/kg	N.D.	N.D.
perfluorooctanesulfonate(PFOS-NH4)*	0.01	mg/kg	14.5.	14.5.
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,				
5,6,6,7,7,8,8,8-heptadecafluorooctane-1-	0.01	mg/kg	N.D.	N.D.
sulfonate(PFOS-DDA)*				
Perfluoro-1-octanesulfonic acid,	0.01	mg/kg	N.D.	N.D.
diethanolamine salt(PFOS-NH(OH)2)*				
Lithium perfluorooctylsulfonate(PFOS-Li)*	0.01	mg/kg	N.D.	N.D.
Heptadecafluorooctanesulfonic acid	0.01	mg/kg	N.D.	N.D.
tetraethylammonium salt(PFOS-N(C2H5)4)*				
Perfluoroundecanoic Acid (PFUnA)	0.01	mg/kg	N.D.	N.D.
Perfluorododecanoic Acid (PFDoA)	0.01	mg/kg	N.D.	N.D.
Perfluorodecane Sulfonate (PFDS)	0.01	mg/kg	N.D.	N.D.
Sodium Perfluoro-1-	0.01	mg/kg	N.D.	N.D.
decanesulfonate(PFDS-Na)*		99		
Potassium	0.01	mg/kg	N.D.	N.D.
henicosafluorodecanesulphonate(PFDS-K)*		99		
Ammonium	0.04			
henicosafluorodecanesulphonate(PFDS-	0.01	mg/kg	N.D.	N.D.
NH4)*	0.04			
Perfluorotridecanoic Acid (PFTrA)	0.01	mg/kg	N.D.	N.D.
Perfluorotetradecanoic Acid (PFTeA)	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorodecanesulfonic acid	0.01	mg/kg	N.D.	N.D.
(8:2 FTS)				
Methyl perfluorooctanoate (Me-PFOA)	0.01	mg/kg	N.D.	N.D.
Ethyl perfluorooctanoate (Et-PFOA)	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-decanol (8:2	0.2	mg/kg	N.D.	N.D.
FTOH)		0 0		
1H,1H,2H,2H-Perfluorodecylacrylate (8:2	0.2	mg/kg	N.D.	N.D.
FTA) 1H,1H,2H,2H-Perfluorodecyl methacrylate				
(8:2 FTMA)	0.2	mg/kg	N.D.	N.D.
Perfluorooctyl iodide (PFOI)	0.5	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2	0.5	mg/kg	N.D.	N.D.
FTOH)	0.2	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-octanol (6:2				
FTOH)	0.2	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorooctylacrylate (6:2				
FTA)	0.2	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorododecylacrylate				
(10:2 FTA)	0.2	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluoro -1-dodecanol (10:2				
FTOH)	0.2	mg/kg	N.D.	N.D.
Sodium Perfluoro-1-octanesulfonate(PFOS-				
Na)*	0.01	mg/kg	N.D.	N.D.
PFBA-Na	0.01	mg/kg	N.D.	N.D.
PFBA-NH2	0.01	mg/kg	N.D.	N.D.
PFPA-Na	0.01	mg/kg	N.D.	N.D.
PFPA-K	0.01	mg/kg	N.D.	N.D.
PFPA-NH4	0.01	mg/kg	N.D.	N.D.
111// 1911	0.01	l mg/kg	14.0.	IN.D.

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Dated 2023-09-28



			Result	
Tested Items	MDL	Unit	05	06
PFHxA-Na	0.01	mg/kg	N.D.	N.D.
PFHxA-K*	0.01	mg/kg	N.D.	N.D.
PFHxA-NH4	0.01	mg/kg	N.D.	N.D.
HPFHpA-Na	0.01	mg/kg	N.D.	N.D.
PFHpA-Na	0.01	mg/kg	N.D.	N.D.
PFHpA-K	0.01	mg/kg	N.D.	N.D.
PFHpA-NH2	0.01	mg/kg	N.D.	N.D.
PFBS-H2O	0.01	mg/kg	N.D.	N.D.
PFODA	0.01	mg/kg	N.D.	N.D.
PFHxDA	0.01	mg/kg	N.D.	N.D.
H2PFDA	0.01	mg/kg	N.D.	N.D.
PFHpS-K	0.01	mg/kg	N.D.	N.D.
6:2 FTMAC	0.2	mg/kg	N.D.	N.D.
N-MeFOSAA	0.01	mg/kg	N.D.	N.D.
N-EtFOSAA	0.01	mg/kg	N.D.	N.D.
PFSI	0.2	mg/kg	N.D.	N.D.
8:2 FTI	0.2	mg/kg	N.D.	N.D.
8:2diPAP	0.01	mg/kg	N.D.	N.D.
HFPO-DA	0.01	mg/kg	N.D.	N.D.
PFPS	0.01	mg/kg	N.D.	N.D.
PFPS-K	0.01	mg/kg	N.D.	N.D.
PFPS-Na	0.01	•	N.D.	N.D.
		mg/kg		N.D.
pentafluoropropionic acid(PFPrA)	0.01	mg/kg	N.D.	
sodium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.
potassium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.01	mg/kg	N.D.	N.D.
magnesium bis[heptadecafluorooctanesulphonate]	0.01	mg/kg	N.D.	N.D.
1- Octanesulfonicacid,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-,compd.withpiperidine(1:1)	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluordodecansulfonsaure (10:2 FTS)	0.01	mg/kg	N.D.	N.D.
2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations th	0.01	mg/kg	N.D.	N.D.
Ammonium Perfluorododecanoate (PFDoDA-NH4)	0.01	mg/kg	N.D.	N.D.
1,1,2,2-Tetrahydroperfluorododecyl methacrylate(10:2FTMA)	0.2	mg/kg	N.D.	N.D.
1,1,2,2-Tetrahydroperfluoro-1- tetradecanol(12:2FTOH)	0.2	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorododecyl iodide(10:2FTI)	0.2	mg/kg	N.D.	N.D.
1H,1H,2H,2H- Perfluorotetradecyliodide(12:2FTI)	0.2	mg/kg	N.D.	N.D.

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Dated 2023-09-28



			Result	
Tested Items	MDL	Unit	05	06
N-Methyl-perfluorohexane-1-sulfonamide	0.01	mg/kg	N.D.	N.D.
(N-Me-FHxSA)				
Perfluorohexanesulfonamide(PFHxSA)	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonate*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorooctanoate(PFOA-Li)*	0.01	mg/kg	N.D.	N.D.
Pentadecafluorooctanoic acid-pyridine (1/1)(PFOA-Pyridine)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate N,N,N- trimethylmethanaminium*	0.01	mg/kg	N.D.	N.D.
Perfluorononanoate(PFNA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorononanoate(PFNA-Ag)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorononanoate(PFNA-K)*	0.01	mg/kg	N.D.	N.D.
Methanaminium perfluorononanoate(PFNA-CH3NH2)*	0.01	mg/kg	N.D.	N.D.
Cyclohexanaminium perfluorononanoate(PFNA-C6H11NH2)*	0.01	mg/kg	N.D.	N.D.
N,N-Diethylethanaminium heptadecafluorononanoate*	0.01	mg/kg	N.D.	N.D.
Silver perfluorobutanoate(PFBA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanoate(PFBA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorobutanoate(PFBA-NH3)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorobutyrate(PFBA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorobutanoate(PFBA-Li)*	0.01	mg/kg	N.D.	N.D.
Tetraethylazanium nonafluorobutane-1-sulfonate*	0.01	mg/kg	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,4- nonafluorobutane-1-sulphonate(PFBS- NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanesulfonate(PFBS-)*	0.01	mg/kg	N.D.	N.D.
Tetramethylammonium perfluorobutane sulfonate*	0.01	mg/kg	N.D.	N.D.
Sodium perfluorobutylsulfonate(PFBS-Na)*	0.01	mg/kg	N.D.	N.D.
Lithium nonafluorobutanesulfonate(PFBS-Li)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate (PFBS- (CH2CH2CH2OH)2NH)*	0.01	mg/kg	N.D.	N.D.
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide(PFBS-N-(2-hydroxyethyl)-N-methyl)*	0.01	mg/kg	N.D.	N.D.
Perfluoropentanoate(PFPA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluoropentanoate(PFPA-Ag)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluoropentanoate(PFPA-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorohexanoate(PFHxA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorohexanoate(PFHxA-)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorohexanoate(PFHxA-Li)*	0.01	mg/kg	N.D.	N.D.

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Tanta differen	MDI	11	Re	sult
Tested Items	MDL	Unit	05	06
Undecafluorohexanoic acid-piperazine (1:1)(PFHxA-Piperazine)*	0.01	mg/kg	N.D.	N.D.
Undecafluorohexanoic acidhexan-1-amine (1/1)(PFHxA-Hexylamine)*	0.01	mg/kg	N.D.	N.D.
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate(HPFHpA-NH4)*	0.01	mg/kg	N.D.	N.D.
7-H-Perfluoroheptanoate(HPFHpA-)*	0.01	mg/kg	N.D.	N.D.
3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctane-1-sulfonate(6:2 FTSA-)*	0.01	mg/kg	N.D.	N.D.
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1- octanesulfonic Acid Ammonium Salt(6:2 FTSA-NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorohexanesulfonate(PFHxS-)*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluorohexane sulfonate*	0.01	mg/kg	N.D.	N.D.
Tetraethylammonium perfluorohexane sulfonate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorohexanesulfonate(PFHxS-Li)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorohexanesulfonate(PFHxSNH4)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	0.01	mg/kg	N.D.	N.D.
Nonadecafluorodecanoate(PFDA-)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorodecanoate(PFDA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorodecanoate(PFDA-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorodecanoate(PFDA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorodecanesulfonate(PFDS-)*	0.01	mg/kg	N.D.	N.D.
Perfluoroheptanesulfonate(PFHpS-)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluoroheptanesulfonate(PFHpS-NH4)*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluoroheptane sulfonate*	0.01	mg/kg	N.D.	N.D.
Perfluoropentanesulfonate(PFPS-)*	0.01	mg/kg	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluoropentane sulfonate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluoropentane sulfonate(PFPS-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluoropropanoate(PFPrA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluoropropanoate(PFPrA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium pentafluoropropionate(PFPrA-NH4)*	0.01	mg/kg	N.D.	N.D.

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Tosted Items			Res	Result	
Tested Items	MDL	Unit	05	06	
Potassium 1H,1H,2H,2H-	0.01	mg/kg	N.D.	N.D.	
perfluoroundecanoate(H4PFUnA-K)*	0.01	mg/kg	14.5.	14.5.	
Lithium 3-	0.01	mg/kg	N.D.	N.D.	
(perfluorooctyl)propanoate(H4PFUnA-Li)*	0.01	mg/kg	14.5.	14.5.	
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)*	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanesulfonamide lithium salt (1:1)(PFOSA-Li)*	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanesulfonamide sodium salt (1:1)(PFOSA-Na)*	0.01	mg/kg	N.D.	N.D.	
Perfluoroundecanoate(PFUnA-)*	0.01	mg/kg	N.D.	N.D.	
Sodium perfluoroundecanoate(PFUnA-Na)*	0.01	mg/kg	N.D.	N.D.	
Potassium perfluoroundecanoate(PFUnA-K)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluoroundecanoate(PFUnA-NH4)*	0.01	mg/kg	N.D.	N.D.	
Perfluorododecanoate(PFDoA-)*	0.01	mg/kg	N.D.	N.D.	
Sodium Perfluorododecanoate(PFDoA-Na)*	0.01	mg/kg	N.D.	N.D.	
Perfluorotridecanoate(PFTrA-)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluorotridecanoate(PFTrA-NH4)*	0.01	mg/kg	N.D.	N.D.	
Perfluorotetradecanoate(PFTeA-)*	0.01	mg/kg	N.D.	N.D.	
4:2 Fluorotelomer sulfonate(4:2 FTS-)*	0.01	mg/kg	N.D.	N.D.	
Sodium 1H,1H,2H,2H-perfluoro-1- hexanesulfonate(4:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.	
2-(Perfluorooctyl)ethane-1- sulfonate(8:2FTS-)*	0.01	mg/kg	N.D.	N.D.	
8:2 Fluorotelomer sulfonate ammonium salt(8:2FTS-NH4)*	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium(8:2FTS-Na)*	0.01	mg/kg	N.D.	N.D.	
Potassium 2-(perfluorooctyl)ethane-1- sulfonate(8:2FTS-K)*	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium(10:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.	
Perfluorooctadecanoate anion(PFODA-)*	0.01	mg/kg	N.D.	N.D.	
Hentriacontafluorohexadecanoate anion(PFHxDA-)*	0.01	mg/kg	N.D.	N.D.	
N-(Heptadecafluorooctylsulfonyl)-N- methylglycine potassium salt(N-MeFOSAA- K)	0.01	mg/kg	N.D.	N.D.	
2-(N- Methylperfluorooctanesulfonamido)acetate(N-MeFOSAA-)	0.01	mg/kg	N.D.	N.D.	
Ammonium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-NH4)	0.01	mg/kg	N.D.	N.D.	
2-(N-Ethyl- perfluorooctanesulfonamido)acetate(N- EtFOSAA-)	0.01	mg/kg	N.D.	N.D.	

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Tooled Name	MDL Unit	1124	Result	
Tested Items		Unit	05	06
Sodium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-Na)	0.01	mg/kg	N.D.	N.D.
potassium N-ethyl-N- ((heptadecafluorooctyl)sulphonyl)glycinate(N-EtFOSAA-K)	0.01	mg/kg	N.D.	N.D.
Triethylaminium perfluoro-2- propoxypropanoate(HFPO-DA-(C2H5)3N)	0.01	mg/kg	N.D.	N.D.

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			Docult		
Tested Items	MDL	Unit	Result		
		J	07	08	
Heptafluorobutyric acid(PFBA))	0.01	mg/kg	N.D.	N.D.	
Perfluoropentane Acid (PFPA)	0.01	mg/kg	N.D.	N.D.	
Perfluorohexane Acid (PFHxA)	0.01	mg/kg	N.D.	N.D.	
7H-Dodecanefluoroheptane Acid (HPFHpA)	0.01	mg/kg	N.D.	N.D.	
Perfluorobutane Sulfonate (PFBS)	0.01	mg/kg	N.D.	N.D.	
Potassium nonafluoro-1- butanesulfonate(PFBS-K)*	0.01	mg/kg	N.D.	N.D.	
Perfluoroheptane Acid (PFHpA)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanoic acid (PFOA)	0.01	mg/kg	N.D.	N.D.	
Ammonium Pentadecafluoroctanoate		ilig/kg			
(APFO)*	0.01	mg/kg	N.D.	N.D.	
Sodium perfluorooctanoate(Na-PFO)*	0.01	mg/kg	N.D.	N.D.	
Potassium perfluorooctanoate(K-PFO)*	0.01	mg/kg	N.D.	N.D.	
Silver perfluorooctanoate(Ag-PFO)*	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanoyl fluoride(F-PFO)*	0.01	mg/kg	N.D.	N.D.	
Tetrabutylphosphonium 2H,2H- Perfluorodecanoate	0.01	mg/kg	N.D.	N.D.	
Perfluorohexane Sulfonate (PFHxS)	0.01	mg/kg	N.D.	N.D.	
Sodium Perfluorohexanesulfonate(PFHxS-Na)*	0.01	mg/kg	N.D.	N.D.	
Potassium	0.01	mg/kg	N.D.	N.D.	
perfluorohexanesulfonate(PFHxS-K)*	0.04		N.D.	N.D.	
Perfluorononanoic acid (PFNA)	0.01	mg/kg	N.D.	N.D.	
Sodium perfluorononanoate(PFNA-Na)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluoropelargonate(APFN)*	0.01	mg/kg	N.D.	N.D.	
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	0.01	mg/kg	N.D.	N.D.	
Perfluoroheptane Sulfonate (PFHpS)	0.01	mg/kg	N.D.	N.D.	
Pentadecafluoro-1-heptanesulfinic acid sodium salt(PFHpS-Na)*	0.01	mg/kg	N.D.	N.D.	
Perfluorodecanoic acid (PFDA)	0.01	mg/kg	N.D.	N.D.	
Perfluorodecanoic acid,sodium salt(PFDA-Na)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluorodecanoate(APFDA)*	0.01	mg/kg	N.D.	N.D.	
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	0.01	mg/kg	N.D.	N.D.	
Perfluoroctansulfonate (PFOS)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctane sulphonamide(PFOSA)	0.01	mg/kg	N.D.	N.D.	
N-Methylheptadecafluorooctane- sulphonamide (N-Me-FOSA)	0.01	mg/kg	N.D.	N.D.	
N-Ethylperfluorooctane-1-sulfonamide(N-Et-FOSA)	0.01	mg/kg	N.D.	N.D.	
N-Me-FOSE alcohol (N-Me-FOSE)	0.01	mg/kg	N.D.	N.D.	
N-ET-FOSE alcohol (N-ET-FOSE)	0.01	mg/kg	N.D.	N.D.	
perfluoro-1-octanesulfonylfluoride		ilig/kg			
(POSF/PFOSF)*	0.01	mg/kg	N.D.	N.D.	
Potasssium perfluorooctanesulphonate(PFOS-K)*	0.01	mg/kg	N.D.	N.D.	

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

Floor 1-4, Building B, No.37, Tuanjie Road(Middle), Xishan Economic and Technological Development Zone, Wuxi Jiangsu. China

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Dated 2023-09-28



			Result		
Tested Items M	DL	Unit	07	08	
Ammonium	.01	mg/kg	N.D.	N.D.	
perfluorooctanesulfonate(PFOS-NH4)*		g/Ng	14.5.	11.5.	
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,		_			
	.01	mg/kg	N.D.	N.D.	
sulfonate(PFOS-DDA)*					
Perfluoro-1-octanesulfonic acid,	.01	mg/kg	N.D.	N.D.	
dietnanoiamine sait(PFOS-NH(OH)2)*					
, , ,	.01	mg/kg	N.D.	N.D.	
Heptadecafluorooctanesulfonic acid	.01	mg/kg	N.D.	N.D.	
tetraetnylammonium sait(PFOS-N(C2H5)4)*					
` '	01	mg/kg	N.D.	N.D.	
	01	mg/kg	N.D.	N.D.	
	01	mg/kg	N.D.	N.D.	
Sodium Perfluoro-1-	.01	mg/kg	N.D.	N.D.	
decanesuitonate(PFDS-Na)*		J. J			
Potassium	.01	mg/kg	N.D.	N.D.	
nenicosatiuorodecanesuipnonate(PFDS-K)"		J. J			
Ammonium	0.4	4			
. ,	.01	mg/kg	N.D.	N.D.	
NH4)*	0.4	,,		N.D.	
\	01	mg/kg	N.D.	N.D.	
	.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorodecanesulfonic acid	.01	mg/kg	N.D.	N.D.	
(8:2 FTS)	04		N.D.	N D	
7 1	.01	mg/kg	N.D.	N.D.	
, ,	.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluoro-1-decanol (8:2	.2	mg/kg	N.D.	N.D.	
FTOH) 1H,1H,2H,2H-Perfluorodecylacrylate (8:2					
TH,TH,ZH,ZH-Periluorodecylaciylate (8.2 0	.2	mg/kg	N.D.	N.D.	
1 L 1 L 2 L Dorflyorodocyl mothacrylato					
(8:2 FTMA)	.2	mg/kg	N.D.	N.D.	
	.5	mg/kg	N.D.	N.D.	
1H 1H 2H 2H-Derfluoro-1-heyanol (4:2		mg/kg			
FTOH)	.2	mg/kg	N.D.	N.D.	
1H 1H 2H 2H-Parfluoro-1-octanol (6:2					
FTOH)	.2	mg/kg	N.D.	N.D.	
1 L 1 L 2 L Dorfluorocctylacrylato (6:2					
FTA)	.2	mg/kg	N.D.	N.D.	
1 L 1 L 2 L Dorflygradadagylacrylata					
(10:2 FTA)	.2	mg/kg	N.D.	N.D.	
1H 1H 2H 2H-Perfluore -1-dedecapel (10:2					
FTOH)	.2	mg/kg	N.D.	N.D.	
Sodium Parfluoro-1-octanosulfonato/PEOS-		-			
Na)*	01	mg/kg	N.D.	N.D.	
,	.01	mg/kg	N.D.	N.D.	
	.01	mg/kg	N.D.	N.D.	
	01	mg/kg	N.D.	N.D.	
	01	mg/kg	N.D.	N.D.	
	01	mg/kg	N.D.	N.D.	

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Dated 2023-09-28



T			Result		
Tested Items	MDL	Unit	07	08	
PFHxA-Na	0.01	mg/kg	N.D.	N.D.	
PFHxA-K*	0.01	mg/kg	N.D.	N.D.	
PFHxA-NH4	0.01	mg/kg	N.D.	N.D.	
HPFHpA-Na	0.01	mg/kg	N.D.	N.D.	
PFHpA-Na	0.01	mg/kg	N.D.	N.D.	
PFHpA-K	0.01	mg/kg	N.D.	N.D.	
PFHpA-NH2	0.01	mg/kg	N.D.	N.D.	
PFBS-H2O	0.01	mg/kg	N.D.	N.D.	
PFODA	0.01	mg/kg	N.D.	N.D.	
PFHxDA	0.01	mg/kg	N.D.	N.D.	
H2PFDA	0.01	mg/kg	N.D.	N.D.	
PFHpS-K	0.01	mg/kg	N.D.	N.D.	
6:2 FTMAC	0.2	mg/kg	N.D.	N.D.	
N-MeFOSAA	0.01	mg/kg	N.D.	N.D.	
N-EtFOSAA	0.01	mg/kg	N.D.	N.D.	
PFSI	0.2	mg/kg	N.D.	N.D.	
8:2 FTI	0.2	mg/kg	N.D.	N.D.	
8:2diPAP	0.01	mg/kg	N.D.	N.D.	
HFPO-DA	0.01	mg/kg	N.D.	N.D.	
PFPS	0.01	mg/kg	N.D.	N.D.	
PFPS-K	0.01	mg/kg	N.D.	N.D.	
PFPS-Na	0.01	mg/kg	N.D.	N.D.	
pentafluoropropionic acid(PFPrA)	0.01	mg/kg	N.D.	N.D.	
sodium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.	
potassium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorohexanesulfonic acid		mg/kg			
(4:2 FTS)	0.01	mg/kg	N.D.	N.D.	
magnesium bis[heptadecafluorooctanesulphonate]	0.01	mg/kg	N.D.	N.D.	
1- Octanesulfonicacid,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-,compd.withpiperidine(1:1)	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluordodecansulfonsaure (10:2 FTS)	0.01	mg/kg	N.D.	N.D.	
2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations th	0.01	mg/kg	N.D.	N.D.	
Ammonium Perfluorododecanoate (PFDoDA-NH4)	0.01	mg/kg	N.D.	N.D.	
1,1,2,2-Tetrahydroperfluorododecyl methacrylate(10:2FTMA)	0.2	mg/kg	N.D.	N.D.	
1,1,2,2-Tetrahydroperfluoro-1- tetradecanol(12:2FTOH)	0.2	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorododecyl iodide(10:2FTI)	0.2	mg/kg	N.D.	N.D.	
1H,1H,2H,2H- Perfluorotetradecyliodide(12:2FTI)	0.2	mg/kg	N.D.	N.D.	

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Dated 2023-09-28



			Decult	
Tested Items	MDL	Unit	Result	
			07	08
N-Methyl-perfluorohexane-1-sulfonamide (N-Me-FHxSA)	0.01	mg/kg	N.D.	N.D.
Perfluorohexanesulfonamide(PFHxSA)	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonate*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorooctanoate(PFOA-Li)*	0.01	mg/kg	N.D.	N.D.
Pentadecafluorooctanoic acid-pyridine (1/1)(PFOA-Pyridine)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate N,N,N- trimethylmethanaminium*	0.01	mg/kg	N.D.	N.D.
Perfluorononanoate(PFNA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorononanoate(PFNA-Ag)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorononanoate(PFNA-K)*	0.01	mg/kg	N.D.	N.D.
Methanaminium perfluorononanoate(PFNA-CH3NH2)*	0.01	mg/kg	N.D.	N.D.
Cyclohexanaminium perfluorononanoate(PFNA-C6H11NH2)*	0.01	mg/kg	N.D.	N.D.
N,N-Diethylethanaminium heptadecafluorononanoate*	0.01	mg/kg	N.D.	N.D.
Silver perfluorobutanoate(PFBA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanoate(PFBA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorobutanoate(PFBA-NH3)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorobutyrate(PFBA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorobutanoate(PFBA-Li)*	0.01	mg/kg	N.D.	N.D.
Tetraethylazanium nonafluorobutane-1-sulfonate*	0.01	mg/kg	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,4- nonafluorobutane-1-sulphonate(PFBS- NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanesulfonate(PFBS-)*	0.01	mg/kg	N.D.	N.D.
Tetramethylammonium perfluorobutane sulfonate*	0.01	mg/kg	N.D.	N.D.
Sodium perfluorobutylsulfonate(PFBS-Na)*	0.01	mg/kg	N.D.	N.D.
Lithium nonafluorobutanesulfonate(PFBS-Li)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate (PFBS- (CH2CH2CH2OH)2NH)*	0.01	mg/kg	N.D.	N.D.
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide(PFBS-N-(2-hydroxyethyl)-N-methyl)*	0.01	mg/kg	N.D.	N.D.
Perfluoropentanoate(PFPA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluoropentanoate(PFPA-Ag)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluoropentanoate(PFPA-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorohexanoate(PFHxA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorohexanoate(PFHxA-)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorohexanoate(PFHxA-Li)*	0.01	mg/kg	N.D.	N.D.

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T	MDL		Result	
Tested Items		Unit	07	08
Undecafluorohexanoic acid-piperazine	0.01	mg/kg	N.D.	N.D.
(1:1)(PFHxA-Piperazine)*				
Undecafluorohexanoic acidhexan-1-amine	0.01	mg/kg	N.D.	N.D.
(1/1)(PFHxA-Hexylamine)*				
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7- dodecafluoroheptanoate(HPFHpA-NH4)*	0.01	mg/kg	N.D.	N.D.
7-H-Perfluoroheptanoate(HPFHpA-)*	0.01	mg/kg	N.D.	N.D.
3,3,4,4,5,5,6,6,7,7,8,8,8-	0.01		N.D.	N.D.
tridecafluorooctane-1-sulfonate(6:2 FTSA-)*	0.01	mg/kg	IN.D.	IN.D.
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1- octanesulfonic Acid Ammonium Salt(6:2 FTSA-NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorohexanesulfonate(PFHxS-)*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluorohexane				
sulfonate*	0.01	mg/kg	N.D.	N.D.
Tetraethylammonium perfluorohexane sulfonate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorohexanesulfonate(PFHxS-Li)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorohexanesulfonate(PFHxSNH4)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	0.01	mg/kg	N.D.	N.D.
Nonadecafluorodecanoate(PFDA-)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorodecanoate(PFDA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorodecanoate(PFDA-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorodecanoate(PFDA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorodecanesulfonate(PFDS-)*	0.01	mg/kg	N.D.	N.D.
Perfluoroheptanesulfonate(PFHpS-)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluoroheptanesulfonate(PFHpS-NH4)*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluoroheptane sulfonate*	0.01	mg/kg	N.D.	N.D.
Perfluoropentanesulfonate(PFPS-)*	0.01	mg/kg	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluoropentane sulfonate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluoropentane sulfonate(PFPS-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluoropropanoate(PFPrA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluoropropanoate(PFPrA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium pentafluoropropionate(PFPrA-NH4)*	0.01	mg/kg	N.D.	N.D.

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			Result	
Tested Items	MDL	Unit	07	08
Potassium 1H,1H,2H,2H-	2.24	,		
perfluoroundecanoate(H4PFUnA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium 3-	2.24	,,		
(perfluorooctyl)propanoate(H4PFUnA-Li)*	0.01	mg/kg	N.D.	N.D.
Heptadecafluorooctane-1-sulphonamide,	2.24	,,		
compound with triethylamine (1:1)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonamide lithium salt	2.24	,,		
(1:1)(PFOSA-Li)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonamide sodium salt	0.04		N.D.	N. D
(1:1)(PFOSA-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluoroundecanoate(PFUnA-)*	0.01	mg/kg	N.D.	N.D.
Sodium perfluoroundecanoate(PFUnA-Na)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluoroundecanoate(PFUnA-				
K)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluoroundecanoate(PFUnA-				
NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorododecanoate(PFDoA-)*	0.01	mg/kg	N.D.	N.D.
Sodium Perfluorododecanoate(PFDoA-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluorotridecanoate(PFTrA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorotridecanoate(PFTrA-		ing/kg		
NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorotetradecanoate(PFTeA-)*	0.01	mg/kg	N.D.	N.D.
4:2 Fluorotelomer sulfonate(4:2 FTS-)*	0.01	mg/kg	N.D.	N.D.
Sodium 1H,1H,2H,2H-perfluoro-1-	0.01	ilig/kg	IN.D.	IN.D.
hexanesulfonate(4:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.
2-(Perfluorooctyl)ethane-1-				
sulfonate(8:2FTS-)*	0.01	mg/kg	N.D.	N.D.
8:2 Fluorotelomer sulfonate ammonium				
salt(8:2FTS-NH4)*	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorodecanesulfonic Acid				
Sodium(8:2FTS-Na)*	0.01	mg/kg	N.D.	N.D.
Potassium 2-(perfluorooctyl)ethane-1-				
sulfonate(8:2FTS-K)*	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorododecanesulfonic				
Acid Sodium(10:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctadecanoate anion(PFODA-)*	0.01	mg/kg	N.D.	N.D.
Hentriacontafluorohexadecanoate		ing/kg		
anion(PFHxDA-)*	0.01	mg/kg	N.D.	N.D.
N-(Heptadecafluorooctylsulfonyl)-N-				
methylglycine potassium salt(N-MeFOSAA-	0.01	mg/kg	N.D.	N.D.
K)	0.01	mg/kg	14.0.	IV.D.
2-(N-				
Methylperfluorooctanesulfonamido)acetate(0.01	mg/kg	N.D.	N.D.
N-MeFOSAA-)	0.01	mg/kg	14.5.	14.0.
Ammonium 2-(N-				
ethylperfluorooctanesulfonamido)acetate(N-	0.01	mg/kg	N.D.	N.D.
EtFOSAA-NH4)	0.01	1119/119	14.5.	1.0.
2-(N-Ethyl-				
perfluorooctanesulfonamido)acetate(N-	0.01	mg/kg	N.D.	N.D.
EtFOSAA-)		····ə····ə		

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Dated 2023-09-28



Tested Items	MDL	Unit	Result	
rested items			07	08
Sodium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-Na)	0.01	mg/kg	N.D.	N.D.
potassium N-ethyl-N- ((heptadecafluorooctyl)sulphonyl)glycinate(N-EtFOSAA-K)	0.01	mg/kg	N.D.	N.D.
Triethylaminium perfluoro-2- propoxypropanoate(HFPO-DA-(C2H5)3N)	0.01	mg/kg	N.D.	N.D.

Dated 2023-09-28



		T			
Tested Items	MDL	Unit	Result		
rested items	WIDE	Onit	09	10	
Heptafluorobutyric acid(PFBA))	0.01	mg/kg	N.D.	N.D.	
Perfluoropentane Acid (PFPA)	0.01	mg/kg	N.D.	N.D.	
Perfluorohexane Acid (PFHxA)	0.01	mg/kg	N.D.	N.D.	
7H-Dodecanefluoroheptane Acid (HPFHpA)	0.01	mg/kg	N.D.	N.D.	
Perfluorobutane Sulfonate (PFBS)	0.01	mg/kg	N.D.	N.D.	
Potassium nonafluoro-1- butanesulfonate(PFBS-K)*	0.01	mg/kg	N.D.	N.D.	
Perfluoroheptane Acid (PFHpA)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanesulphonic acid	0.04		N.D.	N.D.	
1H,1H,2H,2H (H4PFOS; 6:2)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanoic acid (PFOA)	0.01	mg/kg	N.D.	N.D.	
Ammonium Pentadecafluoroctanoate (APFO)*	0.01	mg/kg	N.D.	N.D.	
Sodium perfluorooctanoate(Na-PFO)*	0.01	mg/kg	N.D.	N.D.	
Potassium perfluorooctanoate(K-PFO)*	0.01	mg/kg	N.D.	N.D.	
Silver perfluorooctanoate(Ag-PFO)*	0.01	mg/kg	N.D.	N.D.	
Perfluorooctanoyl fluoride(F-PFO)*	0.01	mg/kg	N.D.	N.D.	
Tetrabutylphosphonium 2H,2H-	0.01	mg/kg	N.D.	N.D.	
Perfluorodecanoate	0.04		ND	ND	
Perfluorohexane Sulfonate (PFHxS)	0.01	mg/kg	N.D.	N.D.	
Sodium Perfluorohexanesulfonate(PFHxS-Na)*	0.01	mg/kg	N.D.	N.D.	
Potassium	0.01	mg/kg	N.D.	N.D.	
perfluorohexanesulfonate(PFHxS-K)*					
Perfluorononanoic acid (PFNA)	0.01	mg/kg	N.D.	N.D.	
Sodium perfluorononanoate(PFNA-Na)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluoropelargonate(APFN)*	0.01	mg/kg	N.D.	N.D.	
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	0.01	mg/kg	N.D.	N.D.	
Perfluoroheptane Sulfonate (PFHpS)	0.01	mg/kg	N.D.	N.D.	
Pentadecafluoro-1-heptanesulfinic acid sodium salt(PFHpS-Na)*	0.01	mg/kg	N.D.	N.D.	
Perfluorodecanoic acid (PFDA)	0.01	mg/kg	N.D.	N.D.	
Perfluorodecanoic acid, sodium salt (PFDA-Na)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluorodecanoate(APFDA)*	0.01	mg/kg	N.D.	N.D.	
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	0.01	mg/kg	N.D.	N.D.	
Perfluoroctansulfonate (PFOS)	0.01	mg/kg	N.D.	N.D.	
Perfluorooctane sulphonamide(PFOSA)	0.01	mg/kg	N.D.	N.D.	
N-Methylheptadecafluorooctane-					
sulphonamide (N-Me-FOSA)	0.01	mg/kg	N.D.	N.D.	
N-Ethylperfluorooctane-1-sulfonamide(N-Et-FOSA)	0.01	mg/kg	N.D.	N.D.	
N-Me-FOSE alcohol (N-Me-FOSE)	0.01	mg/kg	N.D.	N.D.	
N-ET-FOSE alcohol (N-ET-FOSE)	0.01	mg/kg	N.D.	N.D.	
perfluoro-1-octanesulfonylfluoride (POSF/PFOSF)*	0.01	mg/kg	N.D.	N.D.	
Potasssium perfluorooctanesulphonate(PFOS-K)*	0.01	mg/kg	N.D.	N.D.	

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Dated 2023-09-28



			Result		
Tested Items	MDL	Unit	09	10	
Ammonium					
perfluorooctanesulfonate(PFOS-NH4)*	0.01	mg/kg	N.D.	N.D.	
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,					
5,6,6,7,7,8,8,8-heptadecafluorooctane-1-	0.01	mg/kg	N.D.	N.D.	
sulfonate(PFOS-DDA)*	0.01	ilig/kg	IN.D.	IN.D.	
Perfluoro-1-octanesulfonic acid,					
diethanolamine salt(PFOS-NH(OH)2)*	0.01	mg/kg	N.D.	N.D.	
Lithium perfluorooctylsulfonate(PFOS-Li)*	0.01	mg/kg	N.D.	N.D.	
Heptadecafluorooctanesulfonic acid					
tetraethylammonium salt(PFOS-N(C2H5)4)*	0.01	mg/kg	N.D.	N.D.	
Perfluoroundecanoic Acid (PFUnA)	0.01	mg/kg	N.D.	N.D.	
Perfluorododecanoic Acid (PFDoA)	0.01	mg/kg	N.D.	N.D.	
Perfluorodecane Sulfonate (PFDS)	0.01	mg/kg	N.D.	N.D.	
Sodium Perfluoro-1-					
decanesulfonate(PFDS-Na)*	0.01	mg/kg	N.D.	N.D.	
Potassium			1		
henicosafluorodecanesulphonate(PFDS-K)*	0.01	mg/kg	N.D.	N.D.	
Ammonium					
henicosafluorodecanesulphonate(PFDS-	0.01	mg/kg	N.D.	N.D.	
NH4)*					
Perfluorotridecanoic Acid (PFTrA)	0.01	mg/kg	N.D.	N.D.	
Perfluorotetradecanoic Acid (PFTeA)	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorodecanesulfonic acid					
(8:2 FTS)	0.01	mg/kg	N.D.	N.D.	
Methyl perfluorooctanoate (Me-PFOA)	0.01	mg/kg	N.D.	N.D.	
Ethyl perfluorooctanoate (Et-PFOA)	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluoro-1-decanol (8:2	0.0		N.D.	N D	
FTOH)	0.2	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorodecylacrylate (8:2	0.2	ma/ka	N.D.	N.D.	
FTA)	0.2	mg/kg	IN.D.	IN.D.	
1H,1H,2H,2H-Perfluorodecyl methacrylate	0.2	ma/ka	N.D.	N.D.	
(8:2 FTMA)		mg/kg	N.D.		
Perfluorooctyl iodide (PFOI)	0.5	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2	0.2	mg/kg	N.D.	N.D.	
FTOH)	0.2	mg/kg	IN.D.	IV.D.	
1H,1H,2H,2H-Perfluoro-1-octanol (6:2	0.2	mg/kg	N.D.	N.D.	
FTOH)	0.2	mg/kg	IN.D.	IV.D.	
1H,1H,2H,2H-Perfluorooctylacrylate (6:2	0.2	mg/kg	N.D.	N.D.	
FTA)	0.2	1119/109	14.0.	14.0.	
1H,1H,2H,2H-Perfluorododecylacrylate	0.2	mg/kg	N.D.	N.D.	
(10:2 FTA)	0.2	1119/109	14.0.	14.0.	
1H,1H,2H,2H-Perfluoro -1-dodecanol (10:2	0.2	mg/kg	N.D.	N.D.	
FTOH)	0.2	1119/109	14.0.	14.0.	
Sodium Perfluoro-1-octanesulfonate(PFOS-	0.01	mg/kg	N.D.	N.D.	
Na)*					
PFBA-Na	0.01	mg/kg	N.D.	N.D.	
PFBA-NH2	0.01	mg/kg	N.D.	N.D.	
PFPA-Na	0.01	mg/kg	N.D.	N.D.	
PFPA-K	0.01	mg/kg	N.D.	N.D.	
PFPA-NH4	0.01	mg/kg	N.D.	N.D.	

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Dated 2023-09-28



			Pos	Result	
Tested Items	MDL	Unit	09	10	
PFHxA-Na	0.01	mg/kg	N.D.	N.D.	
PFHxA-K*	0.01	mg/kg	N.D.	N.D.	
PFHxA-NH4	0.01	mg/kg	N.D.	N.D.	
HPFHpA-Na	0.01	mg/kg	N.D.	N.D.	
PFHpA-Na	0.01	mg/kg	N.D.	N.D.	
PFHpA-K	0.01	mg/kg	N.D.	N.D.	
PFHpA-NH2	0.01	mg/kg	N.D.	N.D.	
PFBS-H2O	0.01	mg/kg	N.D.	N.D.	
PFODA	0.01	mg/kg	N.D.	N.D.	
PFHxDA	0.01	mg/kg	N.D.	N.D.	
H2PFDA	0.01	mg/kg	N.D.	N.D.	
PFHpS-K	0.01	mg/kg	N.D.	N.D.	
6:2 FTMAC	0.2	mg/kg	N.D.	N.D.	
N-MeFOSAA	0.01	mg/kg	N.D.	N.D.	
N-EtFOSAA	0.01	mg/kg	N.D.	N.D.	
PFSI	0.01	mg/kg	N.D.	N.D.	
8:2 FTI	0.2	mg/kg	N.D.	N.D.	
8:2diPAP	0.01	mg/kg	N.D.	N.D.	
HFPO-DA	0.01	mg/kg	N.D.	N.D.	
PFPS	0.01	mg/kg	N.D.	N.D.	
PFPS-K	0.01	mg/kg	N.D.	N.D.	
PFPS-Na	0.01	mg/kg	N.D.	N.D.	
pentafluoropropionic acid(PFPrA)	0.01	mg/kg	N.D.	N.D.	
sodium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.	
potassium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorohexanesulfonic acid	0.01	ilig/kg	IN.D.	IN.D.	
(4:2 FTS)	0.01	mg/kg	N.D.	N.D.	
magnesium bis[heptadecafluorooctanesulphonate]	0.01	mg/kg	N.D.	N.D.	
1- Octanesulfonicacid,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-,compd.withpiperidine(1:1)	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluordodecansulfonsaure (10:2 FTS)	0.01	mg/kg	N.D.	N.D.	
2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations th	0.01	mg/kg	N.D.	N.D.	
Ammonium Perfluorododecanoate (PFDoDA-NH4)	0.01	mg/kg	N.D.	N.D.	
1,1,2,2-Tetrahydroperfluorododecyl methacrylate(10:2FTMA)	0.2	mg/kg	N.D.	N.D.	
1,1,2,2-Tetrahydroperfluoro-1- tetradecanol(12:2FTOH)	0.2	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorododecyl iodide(10:2FTI)	0.2	mg/kg	N.D.	N.D.	
1H,1H,2H,2H- Perfluorotetradecyliodide(12:2FTI)	0.2	mg/kg	N.D.	N.D.	

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Dated 2023-09-28



			Result	
Tested Items	MDL	Unit		
N-Methyl-perfluorohexane-1-sulfonamide			09	10
(N-Me-FHxSA)	0.01	mg/kg	N.D.	N.D.
Perfluorohexanesulfonamide(PFHxSA)	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonate*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorooctanoate(PFOA-Li)*	0.01	mg/kg	N.D.	N.D.
Pentadecafluorooctanoic acid-pyridine				
(1/1)(PFOA-Pyridine)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate N,N,N-	0.01	mg/kg	N.D.	N.D.
trimethylmethanaminium*		IIIg/kg		
Perfluorononanoate(PFNA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorononanoate(PFNA-Ag)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorononanoate(PFNA-K)*	0.01	mg/kg	N.D.	N.D.
Methanaminium perfluorononanoate(PFNA-CH3NH2)*	0.01	mg/kg	N.D.	N.D.
Cyclohexanaminium				
perfluorononanoate(PFNA-C6H11NH2)*	0.01	mg/kg	N.D.	N.D.
N,N-Diethylethanaminium	0.01	mg/kg	N.D.	N.D.
heptadecafluorononanoate*	0.04		N. D.	
Silver perfluorobutanoate(PFBA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanoate(PFBA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorobutanoate(PFBA-NH3)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorobutyrate(PFBA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorobutanoate(PFBA-Li)*	0.01	mg/kg	N.D.	N.D.
Tetraethylazanium nonafluorobutane-1- sulfonate*	0.01	mg/kg	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,4-				
nonafluorobutane-1-sulphonate(PFBS-	0.01	mg/kg	N.D.	N.D.
NH4)*	0.01	ing/kg	14.5.	11.5.
Perfluorobutanesulfonate(PFBS-)*	0.01	mg/kg	N.D.	N.D.
Tetramethylammonium perfluorobutane	0.01	mg/kg	N.D.	N.D.
sulfonate*				
Sodium perfluorobutylsulfonate(PFBS-Na)*	0.01	mg/kg	N.D.	N.D.
Lithium nonafluorobutanesulfonate(PFBS-Li)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium				
perfluorobutanesulfonate (PFBS-	0.01	mg/kg	N.D.	N.D.
(CH2CH2CH2OH)2NH)*				
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-				
hydroxyethyl)-N-methylbutane-1-	0.04		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
sulphonamide(PFBS-N-(2-hydroxyethyl)-N-	0.01	mg/kg	N.D.	N.D.
methyl)*				
Perfluoropentanoate(PFPA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluoropentanoate(PFPA-Ag)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluoropentanoate(PFPA-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorohexanoate(PFHxA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorohexanoate(PFHxA-)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorohexanoate(PFHxA-Li)*	0.01	mg/kg	N.D.	N.D.

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Dated 2023-09-28



			Result	
Tested Items	MDL	Unit	09	10
Undecafluorohexanoic acid-piperazine	0.01	mg/kg	N.D.	N.D.
(1:1)(PFHxA-Piperazine)*			15.	
Undecafluorohexanoic acidhexan-1-amine	0.01	mg/kg	N.D.	N.D.
(1/1)(PFHxA-Hexylamine)*		1119/119		
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7- dodecafluoroheptanoate(HPFHpA-NH4)*	0.01	mg/kg	N.D.	N.D.
7-H-Perfluoroheptanoate(HPFHpA-)*	0.01	mg/kg	N.D.	N.D.
3,3,4,4,5,5,6,6,7,7,8,8,8-				
tridecafluorooctane-1-sulfonate(6:2 FTSA-)*	0.01	mg/kg	N.D.	N.D.
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-				
octanesulfonic Acid Ammonium Salt(6:2	0.01	mg/kg	N.D.	N.D.
FTSA-NH4)* Perfluorohexanesulfonate(PFHxS-)*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluorohexane				
sulfonate*	0.01	mg/kg	N.D.	N.D.
Tetraethylammonium perfluorohexane	0.01	ma/ka	ND	N.D.
sulfonate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorohexanesulfonate(PFHxS-	0.01	mg/kg	N.D.	N.D.
Li)*	0.01	mg/kg	14.0.	14.0.
Ammonium	0.01	mg/kg	N.D.	N.D.
perfluorohexanesulfonate(PFHxSNH4)*				
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	0.01	mg/kg	N.D.	N.D.
Nonadecafluorodecanoate(PFDA-)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorodecanoate(PFDA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorodecanoate(PFDA-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorodecanoate(PFDA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorodecanesulfonate(PFDS-)*	0.01	mg/kg	N.D.	N.D.
Perfluoroheptanesulfonate(PFHpS-)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium	0.01	mg/kg	N.D.	N.D.
perfluoroheptanesulfonate*	0.01	mg/kg	IN.D.	IN.D.
Ammonium	0.01	mg/kg	N.D.	N.D.
perfluoroheptanesulfonate(PFHpS-NH4)*		3 3		
Triethylammonium perfluoroheptane sulfonate*	0.01	mg/kg	N.D.	N.D.
Perfluoropentanesulfonate(PFPS-)*	0.01	mg/kg	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,5,5,5-	0.01	ilig/kg	IN.D.	IN.D.
undecafluoropentane-1-sulphonate(PFPS-	0.01	mg/kg	N.D.	N.D.
NH4)*	0.01	ing/kg	14.5.	14.5.
Bis(2-hydroxyethyl)ammonium	0.04		N.D	ND
perfluoropentanesulfonate*	0.01	mg/kg	N.D.	N.D.
Triethylammonium perfluoropentane sulfonate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluoropentane sulfonate(PFPS-			+	
Li)*	0.01	mg/kg	N.D.	N.D.
	0.01	mg/kg	N.D.	N.D.
Perfluoropropanoate(PFPrA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium pentafluoropropionate(PFPrA-	0.01	mg/kg	N.D.	N.D.
	0.01		N.D.	N.D.

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Dated 2023-09-28



			Result	
Tested Items	MDL	Unit	09	10
Potassium 1H,1H,2H,2H-	0.01	m a/ka	N.D.	N.D.
perfluoroundecanoate(H4PFUnA-K)*	0.01	mg/kg	IN.D.	N.D.
Lithium 3-	0.01	m a/ka	ND	N.D.
(perfluorooctyl)propanoate(H4PFUnA-Li)*	0.01	mg/kg	N.D.	N.D.
Heptadecafluorooctane-1-sulphonamide,	0.01	m a/l.a	N.D.	N.D.
compound with triethylamine (1:1)*	0.01	mg/kg	IN.D.	N.D.
Perfluorooctanesulfonamide lithium salt	0.01	mg/kg	N.D.	N.D.
(1:1)(PFOSA-Li)* Perfluorooctanesulfonamide sodium salt		+		
(1:1)(PFOSA-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluoroundecanoate(PFUnA-)*	0.01	mg/kg	N.D.	N.D.
Sodium perfluoroundecanoate(PFUnA-Na)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluoroundecanoate(PFUnA-K)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluoroundecanoate(PFUnA-NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorododecanoate(PFDoA-)*	0.01	mg/kg	N.D.	N.D.
Sodium Perfluorododecanoate(PFDoA-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluorotridecanoate(PFTrA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorotridecanoate(PFTrA-	0.01	mg/kg	N.D.	N.D.
NH4)*				
Perfluorotetradecanoate(PFTeA-)*	0.01	mg/kg	N.D.	N.D.
4:2 Fluorotelomer sulfonate(4:2 FTS-)*	0.01	mg/kg	N.D.	N.D.
Sodium 1H,1H,2H,2H-perfluoro-1- hexanesulfonate(4:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.
2-(Perfluorooctyl)ethane-1- sulfonate(8:2FTS-)*	0.01	mg/kg	N.D.	N.D.
8:2 Fluorotelomer sulfonate ammonium	0.01	mg/kg	N.D.	N.D.
salt(8:2FTS-NH4)* 1H,1H,2H,2H-Perfluorodecanesulfonic Acid	0.01		N.D.	N.D.
Sodium(8:2FTS-Na)*	0.01	mg/kg	IN.D.	IN.D.
Potassium 2-(perfluorooctyl)ethane-1- sulfonate(8:2FTS-K)*	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium(10:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctadecanoate anion(PFODA-)*	0.01	mg/kg	N.D.	N.D.
Hentriacontafluorohexadecanoate				
anion(PFHxDA-)*	0.01	mg/kg	N.D.	N.D.
N-(Heptadecafluorooctylsulfonyl)-N-				
methylglycine potassium salt(N-MeFOSAA-	0.01	mg/kg	N.D.	N.D.
K)	0.01		1	11.5.
2-(N-				
Methylperfluorooctanesulfonamido)acetate(N-MeFOSAA-)	0.01	mg/kg	N.D.	N.D.
Ammonium 2-(N-			1	
ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-NH4)	0.01	mg/kg	N.D.	N.D.
2-(N-Ethyl- perfluorooctanesulfonamido)acetate(N- EtFOSAA-)	0.01	mg/kg	N.D.	N.D.

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Dated 2023-09-28



Tested Items	MDI	1114	Result	
Tested items	MDL	Unit	09	10
Sodium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-Na)	0.01	mg/kg	N.D.	N.D.
potassium N-ethyl-N- ((heptadecafluorooctyl)sulphonyl)glycinate(N-EtFOSAA-K)	0.01	mg/kg	N.D.	N.D.
Triethylaminium perfluoro-2- propoxypropanoate(HFPO-DA-(C2H5)3N)	0.01	mg/kg	N.D.	N.D.

Dated 2023-09-28



			Result	
Tested Items	MDL	Unit	11	12
Heptafluorobutyric acid(PFBA))	0.01	mg/kg	N.D.	N.D.
Perfluoropentane Acid (PFPA)	0.01	mg/kg	N.D.	N.D.
Perfluorohexane Acid (PFHxA)	0.01	mg/kg	N.D.	N.D.
7H-Dodecanefluoroheptane Acid (HPFHpA)	0.01	mg/kg	N.D.	N.D.
Perfluorobutane Sulfonate (PFBS)	0.01	mg/kg	N.D.	N.D.
Potassium nonafluoro-1- butanesulfonate(PFBS-K)*	0.01	mg/kg	N.D.	N.D.
Perfluoroheptane Acid (PFHpA)	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoic acid (PFOA)	0.01	mg/kg	N.D.	N.D.
Ammonium Pentadecafluoroctanoate (APFO)*	0.01	mg/kg	N.D.	N.D.
Sodium perfluorooctanoate(Na-PFO)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorooctanoate(K-PFO)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorooctanoate(Ag-PFO)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoyl fluoride(F-PFO)*	0.01	mg/kg	N.D.	N.D.
Tetrabutylphosphonium 2H,2H- Perfluorodecanoate	0.01	mg/kg	N.D.	N.D.
Perfluorohexane Sulfonate (PFHxS)	0.01	mg/kg	N.D.	N.D.
Sodium Perfluorohexanesulfonate(PFHxS-Na)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorohexanesulfonate(PFHxS-K)*	0.01	mg/kg	N.D.	N.D.
Perfluorononanoic acid (PFNA)	0.01	mg/kg	N.D.	N.D.
Sodium perfluorononanoate(PFNA-Na)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluoropelargonate(APFN)*	0.01	mg/kg	N.D.	N.D.
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	0.01	mg/kg	N.D.	N.D.
Perfluoroheptane Sulfonate (PFHpS)	0.01	mg/kg	N.D.	N.D.
Pentadecafluoro-1-heptanesulfinic acid sodium salt(PFHpS-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluorodecanoic acid (PFDA)	0.01	mg/kg	N.D.	N.D.
Perfluorodecanoic acid, sodium salt (PFDA-Na)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorodecanoate(APFDA)*	0.01	mg/kg	N.D.	N.D.
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	0.01	mg/kg	N.D.	N.D.
Perfluoroctansulfonate (PFOS)	0.01	mg/kg	N.D.	N.D.
Perfluorooctane sulphonamide(PFOSA)	0.01	mg/kg	N.D.	N.D.
N-Methylheptadecafluorooctane- sulphonamide (N-Me-FOSA)	0.01	mg/kg	N.D.	N.D.
N-Ethylperfluorooctane-1-sulfonamide(N-Et-FOSA)	0.01	mg/kg	N.D.	N.D.
N-Me-FOSE alcohol (N-Me-FOSE)	0.01	mg/kg	N.D.	N.D.
N-ET-FOSE alcohol (N-ET-FOSE)	0.01	mg/kg	N.D.	N.D.
perfluoro-1-octanesulfonylfluoride (POSF/PFOSF)*	0.01	mg/kg	N.D.	N.D.
Potasssium perfluorooctanesulphonate(PFOS-K)*	0.01	mg/kg	N.D.	N.D.

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Dated 2023-09-28



	Re			
Tested Items	MDL	Unit	11	12
Ammonium				
perfluorooctanesulfonate(PFOS-NH4)*	0.01	mg/kg	N.D.	N.D.
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,				
5,6,6,7,7,8,8,8-heptadecafluorooctane-1-	0.01	mg/kg	N.D.	N.D.
sulfonate(PFOS-DDA)*				
Perfluoro-1-octanesulfonic acid,	0.04	"		
diethanolamine salt(PFOS-NH(OH)2)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorooctylsulfonate(PFOS-Li)*	0.01	mg/kg	N.D.	N.D.
Heptadecafluorooctanesulfonic acid	0.04		ND	ND
tetraethylammonium salt(PFOS-N(C2H5)4)*	0.01	mg/kg	N.D.	N.D.
Perfluoroundecanoic Acid (PFUnA)	0.01	mg/kg	N.D.	N.D.
Perfluorododecanoic Acid (PFDoA)	0.01	mg/kg	N.D.	N.D.
Perfluorodecane Sulfonate (PFDS)	0.01	mg/kg	N.D.	N.D.
Sodium Perfluoro-1-				
decanesulfonate(PFDS-Na)*	0.01	mg/kg	N.D.	N.D.
Potassium	0.04			N. D
henicosafluorodecanesulphonate(PFDS-K)*	0.01	mg/kg	N.D.	N.D.
Ammonium				
henicosafluorodecanesulphonate(PFDS-	0.01	mg/kg	N.D.	N.D.
NH4)*				
Perfluorotridecanoic Acid (PFTrA)	0.01	mg/kg	N.D.	N.D.
Perfluorotetradecanoic Acid (PFTeA)	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorodecanesulfonic acid				
(8:2 FTS)	0.01	mg/kg	N.D.	N.D.
Methyl perfluorooctanoate (Me-PFOA)	0.01	mg/kg	N.D.	N.D.
Ethyl perfluorooctanoate (Et-PFOA)	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-decanol (8:2	0.0		ND	ND
FTOH)	0.2	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorodecylacrylate (8:2	0.2	ma/ka	N.D.	N.D.
FTA)	0.2	mg/kg	IN.D.	IN.D.
1H,1H,2H,2H-Perfluorodecyl methacrylate	0.2	ma/ka	N.D.	N.D.
(8:2 FTMA)	0.2	mg/kg	IN.D.	IN.D.
Perfluorooctyl iodide (PFOI)	0.5	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2	0.2	mg/kg	N.D.	N.D.
FTOH)	0.2	nig/kg	IN.D.	IN.D.
1H,1H,2H,2H-Perfluoro-1-octanol (6:2	0.2	mg/kg	N.D.	N.D.
FTOH)	0.2	mg/kg	IN.D.	IN.D.
1H,1H,2H,2H-Perfluorooctylacrylate (6:2	0.2	mg/kg	N.D.	N.D.
FTA)	0.2	mg/kg	IN.D.	IN.D.
1H,1H,2H,2H-Perfluorododecylacrylate	0.2	mg/kg	N.D.	N.D.
(10:2 FTA)	0.2	mg/kg	IN.D.	IN.D.
1H,1H,2H,2H-Perfluoro -1-dodecanol (10:2	0.2	ma/ka	N.D.	N.D.
FTOH)	U.Z	mg/kg	IV.D.	IN.D.
Sodium Perfluoro-1-octanesulfonate(PFOS-	0.01	mg/kg	N.D.	N.D.
Na)*		mg/kg		
PFBA-Na	0.01	mg/kg	N.D.	N.D.
PFBA-NH2	0.01	mg/kg	N.D.	N.D.
PFPA-Na	0.01	mg/kg	N.D.	N.D.
PFPA-K	0.01	mg/kg	N.D.	N.D.
PFPA-NH4	0.01	mg/kg	N.D.	N.D.

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

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Dated 2023-09-28



Tooted Items			Res	Result	
Tested Items	MDL	Unit	11	12	
PFHxA-Na	0.01	mg/kg	N.D.	N.D.	
PFHxA-K*	0.01	mg/kg	N.D.	N.D.	
PFHxA-NH4	0.01	mg/kg	N.D.	N.D.	
HPFHpA-Na	0.01	mg/kg	N.D.	N.D.	
PFHpA-Na	0.01	mg/kg	N.D.	N.D.	
PFHpA-K	0.01	mg/kg	N.D.	N.D.	
PFHpA-NH2	0.01	mg/kg	N.D.	N.D.	
PFBS-H2O	0.01	mg/kg	N.D.	N.D.	
PFODA	0.01	mg/kg	N.D.	N.D.	
PFHxDA	0.01	mg/kg	N.D.	N.D.	
H2PFDA	0.01	mg/kg	N.D.	N.D.	
PFHpS-K	0.01	mg/kg	N.D.	N.D.	
6:2 FTMAC	0.2	mg/kg	N.D.	N.D.	
N-MeFOSAA	0.01	mg/kg	N.D.	N.D.	
N-EtFOSAA	0.01	mg/kg	N.D.	N.D.	
PFSI	0.2	mg/kg	N.D.	N.D.	
8:2 FTI	0.2	mg/kg	N.D.	N.D.	
8:2diPAP	0.01	mg/kg	N.D.	N.D.	
HFPO-DA	0.01	mg/kg	N.D.	N.D.	
PFPS	0.01	mg/kg	N.D.	N.D.	
PFPS-K	0.01	mg/kg	N.D.	N.D.	
PFPS-Na	0.01	mg/kg	N.D.	N.D.	
pentafluoropropionic acid(PFPrA)	0.01	mg/kg	N.D.	N.D.	
sodium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.	
potassium pentafluoropropionate	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorohexanesulfonic acid		mg/kg			
(4:2 FTS)	0.01	mg/kg	N.D.	N.D.	
magnesium bis[heptadecafluorooctanesulphonate]	0.01	mg/kg	N.D.	N.D.	
1- Octanesulfonicacid,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-,compd.withpiperidine(1:1)	0.01	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluordodecansulfonsaure (10:2 FTS)	0.01	mg/kg	N.D.	N.D.	
2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations th	0.01	mg/kg	N.D.	N.D.	
Ammonium Perfluorododecanoate (PFDoDA-NH4)	0.01	mg/kg	N.D.	N.D.	
1,1,2,2-Tetrahydroperfluorododecyl methacrylate(10:2FTMA)	0.2	mg/kg	N.D.	N.D.	
1,1,2,2-Tetrahydroperfluoro-1- tetradecanol(12:2FTOH)	0.2	mg/kg	N.D.	N.D.	
1H,1H,2H,2H-Perfluorododecyl iodide(10:2FTI)	0.2	mg/kg	N.D.	N.D.	
1H,1H,2H,2H- Perfluorotetradecyliodide(12:2FTI)	0.2	mg/kg	N.D.	N.D.	

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Dated 2023-09-28



			Res	sult
Tested Items	MDL	Unit	11	12
N-Methyl-perfluorohexane-1-sulfonamide	0.01	ma/ka	N.D.	N.D.
(N-Me-FHxSA)	0.01	mg/kg	IN.D.	N.D.
Perfluorohexanesulfonamide(PFHxSA)	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonate*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorooctanoate(PFOA-Li)*	0.01	mg/kg	N.D.	N.D.
Pentadecafluorooctanoic acid-pyridine (1/1)(PFOA-Pyridine)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanoate N,N,N-	0.01	mg/kg	N.D.	N.D.
trimethylmethanaminium*	0.04		ND	N.D.
Perfluorononanoate(PFNA-)*	0.01	mg/kg	N.D.	
Silver perfluorononanoate(PFNA-Ag)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorononanoate(PFNA-K)*	0.01	mg/kg	N.D.	N.D.
Methanaminium perfluorononanoate(PFNA-CH3NH2)*	0.01	mg/kg	N.D.	N.D.
Cyclohexanaminium perfluorononanoate(PFNA-C6H11NH2)*	0.01	mg/kg	N.D.	N.D.
N,N-Diethylethanaminium heptadecafluorononanoate*	0.01	mg/kg	N.D.	N.D.
Silver perfluorobutanoate(PFBA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanoate(PFBA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorobutanoate(PFBA-NH3)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluorobutyrate(PFBA-K)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorobutanoate(PFBA-Li)*	0.01	mg/kg	N.D.	N.D.
Tetraethylazanium nonafluorobutane-1-sulfonate*	0.01	mg/kg	N.D.	N.D.
Ammonium 1,1,2,2,3,3,4,4,4- nonafluorobutane-1-sulphonate(PFBS- NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorobutanesulfonate(PFBS-)*	0.01	mg/kg	N.D.	N.D.
Tetramethylammonium perfluorobutane sulfonate*	0.01	mg/kg	N.D.	N.D.
Sodium perfluorobutylsulfonate(PFBS-Na)*	0.01	mg/kg	N.D.	N.D.
Lithium nonafluorobutanesulfonate(PFBS-Li)*	0.01	mg/kg	N.D.	N.D.
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate (PFBS- (CH2CH2CH2OH)2NH)*	0.01	mg/kg	N.D.	N.D.
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide(PFBS-N-(2-hydroxyethyl)-N-methyl)*	0.01	mg/kg	N.D.	N.D.
Perfluoropentanoate(PFPA-)*	0.01	mg/kg	N.D.	N.D.
Silver perfluoropentanoate(PFPA-Ag)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluoropentanoate(PFPA-Li)*	0.01	mg/kg	N.D.	N.D.
Silver perfluorohexanoate(PFHxA-Ag)*	0.01	mg/kg	N.D.	N.D.
Perfluorohexanoate(PFHxA-)*	0.01	mg/kg	N.D.	N.D.
Lithium perfluorohexanoate(PFHxA-Li)*	0.01	mg/kg	N.D.	N.D.

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Dated 2023-09-28



			Res	Result	
Tested Items	MDL	Unit	11	12	
Undecafluorohexanoic acid-piperazine	0.01	mg/kg	N.D.	N.D.	
(1:1)(PFHxA-Piperazine)*		3 3			
Undecafluorohexanoic acidhexan-1-amine	0.01	mg/kg	N.D.	N.D.	
(1/1)(PFHxA-Hexylamine)*		+			
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7- dodecafluoroheptanoate(HPFHpA-NH4)*	0.01	mg/kg	N.D.	N.D.	
7-H-Perfluoroheptanoate(HPFHpA-)*	0.01	mg/kg	N.D.	N.D.	
3,3,4,4,5,5,6,6,7,7,8,8,8-	0.01				
tridecafluorooctane-1-sulfonate(6:2 FTSA-)*	0.01	mg/kg	N.D.	N.D.	
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1- octanesulfonic Acid Ammonium Salt(6:2 FTSA-NH4)*	0.01	mg/kg	N.D.	N.D.	
Perfluorohexanesulfonate(PFHxS-)*	0.01	mg/kg	N.D.	N.D.	
Triethylammonium perfluorohexane					
sulfonate*	0.01	mg/kg	N.D.	N.D.	
Tetraethylammonium perfluorohexane sulfonate*	0.01	mg/kg	N.D.	N.D.	
Lithium perfluorohexanesulfonate(PFHxS-Li)*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluorohexanesulfonate(PFHxSNH4)*	0.01	mg/kg	N.D.	N.D.	
Bis(2-hydroxyethyl)ammonium perfluorohexanesulfonate*	0.01	mg/kg	N.D.	N.D.	
Nonadecafluorodecanoate(PFDA-)*	0.01	mg/kg	N.D.	N.D.	
Potassium perfluorodecanoate(PFDA-K)*	0.01	mg/kg	N.D.	N.D.	
Lithium perfluorodecanoate(PFDA-Li)*	0.01	mg/kg	N.D.	N.D.	
Silver perfluorodecanoate(PFDA-Ag)*	0.01	mg/kg	N.D.	N.D.	
Perfluorodecanesulfonate(PFDS-)*	0.01	mg/kg	N.D.	N.D.	
Perfluoroheptanesulfonate(PFHpS-)*	0.01	mg/kg	N.D.	N.D.	
Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate*	0.01	mg/kg	N.D.	N.D.	
Ammonium perfluoroheptanesulfonate(PFHpS-NH4)*	0.01	mg/kg	N.D.	N.D.	
Triethylammonium perfluoroheptane sulfonate*	0.01	mg/kg	N.D.	N.D.	
Perfluoropentanesulfonate(PFPS-)*	0.01	mg/kg	N.D.	N.D.	
Ammonium 1,1,2,2,3,3,4,4,5,5,5- undecafluoropentane-1-sulphonate(PFPS- NH4)*	0.01	mg/kg	N.D.	N.D.	
Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate*	0.01	mg/kg	N.D.	N.D.	
Triethylammonium perfluoropentane sulfonate*	0.01	mg/kg	N.D.	N.D.	
Lithium perfluoropentane sulfonate(PFPS-Li)*	0.01	mg/kg	N.D.	N.D.	
Silver perfluoropropanoate(PFPrA-Ag)*	0.01	mg/kg	N.D.	N.D.	
Perfluoropropanoate(PFPrA-)*	0.01	mg/kg	N.D.	N.D.	
Ammonium pentafluoropropionate(PFPrA-NH4)*	0.01	mg/kg	N.D.	N.D.	

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Dated 2023-09-28



			Res	sult
Tested Items	MDL	Unit	11	12
Potassium 1H,1H,2H,2H-	0.01	mg/kg	N.D.	N.D.
perfluoroundecanoate(H4PFUnA-K)*	0.01	ilig/kg	N.D.	N.D.
Lithium 3-	0.01	mg/kg	N.D.	N.D.
(perfluorooctyl)propanoate(H4PFUnA-Li)*	0.01	ilig/kg	N.D.	N.D.
Heptadecafluorooctane-1-sulphonamide,	0.01	mg/kg	N.D.	N.D.
compound with triethylamine (1:1)*	0.01	mg/kg	IN.D.	IN.D.
Perfluorooctanesulfonamide lithium salt (1:1)(PFOSA-Li)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctanesulfonamide sodium salt (1:1)(PFOSA-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluoroundecanoate(PFUnA-)*	0.01	mg/kg	N.D.	N.D.
Sodium perfluoroundecanoate(PFUnA-Na)*	0.01	mg/kg	N.D.	N.D.
Potassium perfluoroundecanoate(PFUnA-K)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluoroundecanoate(PFUnA-NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorododecanoate(PFDoA-)*	0.01	mg/kg	N.D.	N.D.
Sodium Perfluorododecanoate(PFDoA-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluorotridecanoate(PFTrA-)*	0.01	mg/kg	N.D.	N.D.
Ammonium perfluorotridecanoate(PFTrA-NH4)*	0.01	mg/kg	N.D.	N.D.
Perfluorotetradecanoate(PFTeA-)*	0.01	mg/kg	N.D.	N.D.
4:2 Fluorotelomer sulfonate(4:2 FTS-)*	0.01	mg/kg	N.D.	N.D.
Sodium 1H,1H,2H,2H-perfluoro-1- hexanesulfonate(4:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.
2-(Perfluorooctyl)ethane-1- sulfonate(8:2FTS-)*	0.01	mg/kg	N.D.	N.D.
8:2 Fluorotelomer sulfonate ammonium salt(8:2FTS-NH4)*	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium(8:2FTS-Na)*	0.01	mg/kg	N.D.	N.D.
Potassium 2-(perfluorooctyl)ethane-1- sulfonate(8:2FTS-K)*	0.01	mg/kg	N.D.	N.D.
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium(10:2 FTS-Na)*	0.01	mg/kg	N.D.	N.D.
Perfluorooctadecanoate anion(PFODA-)*	0.01	mg/kg	N.D.	N.D.
Hentriacontafluorohexadecanoate				
anion(PFHxDA-)*	0.01	mg/kg	N.D.	N.D.
N-(Heptadecafluorooctylsulfonyl)-N-				
methylglycine potassium salt(N-MeFOSAA-K)	0.01	mg/kg	N.D.	N.D.
2-(N- Methylperfluorooctanesulfonamido)acetate(N-MeFOSAA-)	0.01	mg/kg	N.D.	N.D.
Ammonium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-NH4)	0.01	mg/kg	N.D.	N.D.
2-(N-Ethyl- perfluorooctanesulfonamido)acetate(N- EtFOSAA-)	0.01	mg/kg	N.D.	N.D.

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Dated 2023-09-28



Tested Items	MDL	Unit	Result	
resteu items	MIDE	Offic	11	12
Sodium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-Na)	0.01	mg/kg	N.D.	N.D.
potassium N-ethyl-N- ((heptadecafluorooctyl)sulphonyl)glycinate(N-EtFOSAA-K)	0.01	mg/kg	N.D.	N.D.
Triethylaminium perfluoro-2- propoxypropanoate(HFPO-DA-(C2H5)3N)	0.01	mg/kg	N.D.	N.D.

Dated 2023-09-28



Tested Items	MDL	Unit	Result
		Oilit	13
Heptafluorobutyric acid(PFBA))	0.01	mg/kg	N.D.
Perfluoropentane Acid (PFPA)	0.01	mg/kg	N.D.
Perfluorohexane Acid (PFHxA)	0.01	mg/kg	N.D.
7H-Dodecanefluoroheptane Acid (HPFHpA)	0.01	mg/kg	N.D.
Perfluorobutane Sulfonate (PFBS)	0.01	mg/kg	N.D.
Potassium nonafluoro-1- butanesulfonate(PFBS-K)*	0.01	mg/kg	N.D.
Perfluoroheptane Acid (PFHpA)	0.01	mg/kg	N.D.
Perfluorooctanesulphonic acid	0.01	mg/kg	N.D.
1H,1H,2H,2H (H4PFOS; 6:2)	0.01	mg/kg	
Perfluorooctanoic acid (PFOA)	0.01	mg/kg	N.D.
Ammonium Pentadecafluoroctanoate (APFO)*	0.01	mg/kg	N.D.
Sodium perfluorooctanoate(Na-PFO)*	0.01	mg/kg	N.D.
Potassium perfluorooctanoate(K-PFO)*	0.01	mg/kg	N.D.
Silver perfluorooctanoate(Ag-PFO)*	0.01	mg/kg	N.D.
Perfluorooctanoyl fluoride(F-PFO)*	0.01	mg/kg	N.D.
Tetrabutylphosphonium 2H,2H- Perfluorodecanoate	0.01	mg/kg	N.D.
Perfluorohexane Sulfonate (PFHxS)	0.01	mg/kg	N.D.
Sodium Perfluorohexanesulfonate(PFHxS-Na)*	0.01	mg/kg	N.D.
Potassium			
perfluorohexanesulfonate(PFHxS-K)*	0.01	mg/kg	N.D.
Perfluorononanoic acid (PFNA)	0.01	mg/kg	N.D.
Sodium perfluorononanoate(PFNA-Na)*	0.01	mg/kg	N.D.
Ammonium perfluoropelargonate(APFN)*	0.01	mg/kg	N.D.
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	0.01	mg/kg	N.D.
Perfluoroheptane Sulfonate (PFHpS)	0.01	mg/kg	N.D.
Pentadecafluoro-1-heptanesulfinic acid sodium salt(PFHpS-Na)*	0.01	mg/kg	N.D.
Perfluorodecanoic acid (PFDA)	0.01	mg/kg	N.D.
Perfluorodecanoic acid, sodium salt (PFDA-Na)*	0.01	mg/kg	N.D.
Ammonium perfluorodecanoate(APFDA)*	0.01	mg/kg	N.D.
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	0.01	mg/kg	N.D.
Perfluoroctansulfonate (PFOS)	0.01	mg/kg	N.D.
Perfluorooctane sulphonamide(PFOSA)	0.01	mg/kg	N.D.
N-Methylheptadecafluorooctane- sulphonamide (N-Me-FOSA)	0.01	mg/kg	N.D.
N-Ethylperfluorooctane-1-sulfonamide(N-Et-FOSA)	0.01	mg/kg	N.D.
N-Me-FOSE alcohol (N-Me-FOSE)	0.01	mg/kg	N.D.
N-ET-FOSE alcohol (N-ET-FOSE)	0.01	mg/kg	N.D.
perfluoro-1-octanesulfonylfluoride (POSF/PFOSF)*	0.01	mg/kg	N.D.
Potasssium perfluorooctanesulphonate(PFOS-K)*	0.01	mg/kg	N.D.

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Dated 2023-09-28



Tested Items	MDL	Unit	Result	
	WIDL	Oilit	13	
Ammonium	0.01	mg/kg	N.D.	
perfluorooctanesulfonate(PFOS-NH4)*		3 3		
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,				
5,6,6,7,7,8,8,8-heptadecafluorooctane-1-	0.01	mg/kg	N.D.	
sulfonate(PFOS-DDA)*				
Perfluoro-1-octanesulfonic acid,	0.01	mg/kg	N.D.	
diethanolamine salt(PFOS-NH(OH)2)*				
Lithium perfluorooctylsulfonate(PFOS-Li)*	0.01	mg/kg	N.D.	
Heptadecafluorooctanesulfonic acid	0.01	mg/kg	N.D.	
tetraethylammonium salt(PFOS-N(C2H5)4)*				
Perfluoroundecanoic Acid (PFUnA)	0.01	mg/kg	N.D.	
Perfluorododecanoic Acid (PFDoA)	0.01	mg/kg	N.D.	
Perfluorodecane Sulfonate (PFDS)	0.01	mg/kg	N.D.	
Sodium Perfluoro-1-	0.01	mg/kg	N.D.	
decanesulfonate(PFDS-Na)*	0.01	ilig/kg	IV.D.	
Potassium	0.01	mg/kg	N.D.	
henicosafluorodecanesulphonate(PFDS-K)*	0.01	mg/kg	IV.D.	
Ammonium				
henicosafluorodecanesulphonate(PFDS-	0.01	mg/kg	N.D.	
NH4)*				
Perfluorotridecanoic Acid (PFTrA)	0.01	mg/kg	N.D.	
Perfluorotetradecanoic Acid (PFTeA)	0.01	mg/kg	N.D.	
1H,1H,2H,2H-Perfluorodecanesulfonic acid	0.01	mg/kg	N.D.	
(8:2 FTS)				
Methyl perfluorooctanoate (Me-PFOA)	0.01	mg/kg	N.D.	
Ethyl perfluorooctanoate (Et-PFOA)	0.01	mg/kg	N.D.	
1H,1H,2H,2H-Perfluoro-1-decanol (8:2	0.2	mg/kg	N.D.	
FTOH)	0.2	IIIg/kg	IN.D.	
1H,1H,2H,2H-Perfluorodecylacrylate (8:2	0.2	mg/kg	N.D.	
FTA)	0.2	mg/kg	IV.D.	
1H,1H,2H,2H-Perfluorodecyl methacrylate	0.2	mg/kg	N.D.	
(8:2 FTMA)				
Perfluorooctyl iodide (PFOI)	0.5	mg/kg	N.D.	
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2	0.2	mg/kg	N.D.	
FTOH)	0.2	mg/kg	14.5.	
1H,1H,2H,2H-Perfluoro-1-octanol (6:2	0.2	mg/kg	N.D.	
FTOH)	0.2	mg/kg	14.5.	
1H,1H,2H,2H-Perfluorooctylacrylate (6:2	0.2	mg/kg	N.D.	
FTA)	0.2	1119/119	14.5.	
1H,1H,2H,2H-Perfluorododecylacrylate	0.2	mg/kg	N.D.	
(10:2 FTA)	0.2	mg/kg	14.5.	
1H,1H,2H,2H-Perfluoro -1-dodecanol (10:2	0.2	mg/kg	N.D.	
FTOH)	V.Z	9/1/9	11.0.	
Sodium Perfluoro-1-octanesulfonate(PFOS-	0.01	mg/kg	N.D.	
Na)*				
PFBA-Na	0.01	mg/kg	N.D.	
PFBA-NH2	0.01	mg/kg	N.D.	
PFPA-Na	0.01	mg/kg	N.D.	
PFPA-K	0.01	mg/kg	N.D.	
PFPA-NH4	0.01	mg/kg	N.D.	

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			- Paradi	
Tested Items	MDL	Unit	Result	
DELL A NI	0.04		13	
PFHxA-Na	0.01	mg/kg	N.D.	
PFHxA-K*	0.01	mg/kg	N.D.	
PFHxA-NH4	0.01	mg/kg	N.D.	
HPFHpA-Na	0.01	mg/kg	N.D.	
PFHpA-Na	0.01	mg/kg	N.D.	
PFHpA-K	0.01	mg/kg	N.D.	
PFHpA-NH2	0.01	mg/kg	N.D.	
PFBS-H2O	0.01	mg/kg	N.D.	
PFODA	0.01	mg/kg	N.D.	
PFHxDA	0.01	mg/kg	N.D.	
H2PFDA	0.01	mg/kg	N.D.	
PFHpS-K	0.01	mg/kg	N.D.	
6:2 FTMAC	0.2	mg/kg	N.D.	
N-MeFOSAA	0.01	mg/kg	N.D.	
N-EtFOSAA	0.01	mg/kg	N.D.	
PFSI	0.2	mg/kg	N.D.	
8:2 FTI	0.2	mg/kg	N.D.	
8:2diPAP	0.01	mg/kg	N.D.	
HFPO-DA	0.01	mg/kg	N.D.	
PFPS	0.01	mg/kg	N.D.	
PFPS-K	0.01	mg/kg	N.D.	
PFPS-Na	0.01	mg/kg	N.D.	
pentafluoropropionic acid(PFPrA)	0.01	mg/kg	N.D.	
sodium pentafluoropropionate	0.01	mg/kg	N.D.	
potassium pentafluoropropionate	0.01	mg/kg	N.D.	
1H,1H,2H,2H-Perfluorohexanesulfonic acid				
(4:2 FTS)	0.01	mg/kg	N.D.	
magnesium	0.01	mg/kg	N.D.	
bis[heptadecafluorooctanesulphonate]	0.01	mg/kg	N.D.	
1- Octanesulfonicacid,1,1,2,2,3,3,4,4,5,5,6,6,7 ,7,8,8,8- heptadecafluoro-,compd.withpiperidine(1:1)	0.01	mg/kg	N.D.	
1H,1H,2H,2H-Perfluordodecansulfonsaure (10:2 FTS)	0.01	mg/kg	N.D.	
2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations th	0.01	mg/kg	N.D.	
Ammonium Perfluorododecanoate (PFDoDA-NH4)	0.01	mg/kg	N.D.	
1,1,2,2-Tetrahydroperfluorododecyl methacrylate(10:2FTMA)	0.2	mg/kg	N.D.	
1,1,2,2-Tetrahydroperfluoro-1- tetradecanol(12:2FTOH)	0.2	mg/kg	N.D.	
1H,1H,2H,2H-Perfluorododecyl iodide(10:2FTI)	0.2	mg/kg	N.D.	
1H,1H,2H,2H- Perfluorotetradecyliodide(12:2FTI)	0.2	mg/kg	N.D.	

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Tested Items MDL	Unit	Result
	J	13
N-Methyl-perfluorohexane-1-sulfonamide (NI Mo. Filty CA) 0.01	mg/kg	N.D.
(N-Me-FHxSA)		N.D.
Perfluorohexanesulfonamide(PFHxSA) 0.01	mg/kg	
Perfluorooctanesulfonate* 0.01	mg/kg	N.D.
Perfluorooctanoate* 0.01	mg/kg	N.D.
Lithium perfluorooctanoate(PFOA-Li)* 0.01	mg/kg	N.D.
Pentadecafluorooctanoic acid-pyridine (1/1)(PFOA-Pyridine)*	mg/kg	N.D.
Perfluorooctanoate N,N,N-	mg/kg	N.D.
trimetnyimetnanaminium"		
Perfluorononanoate(PFNA-)* 0.01	mg/kg	N.D.
Silver perfluorononanoate(PFNA-Ag)* 0.01	mg/kg	N.D.
Potassium perfluorononanoate(PFNA-K)* 0.01	mg/kg	N.D.
Methanaminium perfluorononanoate(PFNA-	mg/kg	N.D.
CH3NH2)*		
Cyclohexanaminium perfluorononanoate(PFNA-C6H11NH2)* 0.01	mg/kg	N.D.
N,N-Diethylethanaminium 0.01 heptadecafluorononanoate*	mg/kg	N.D.
Silver perfluorobutanoate(PFBA-Ag)* 0.01	mg/kg	N.D.
Perfluorobutanoate(PFBA-)* 0.01	mg/kg	N.D.
Ammonium perfluorobutanoate(PFBA-NH3)*	mg/kg	N.D.
Potassium perfluorobutyrate(PFBA-K)* 0.01	mg/kg	N.D.
Lithium perfluorobutanoate(PFBA-Li)* 0.01	mg/kg	N.D.
Tetraethylazanium nonafluorobutane-1- sulfonate*	mg/kg	N.D.
Ammonium 1,1,2,2,3,3,4,4,4- nonafluorobutane-1-sulphonate(PFBS- NH4)*	mg/kg	N.D.
Perfluorobutanesulfonate(PFBS-)* 0.01	mg/kg	N.D.
Tetramethylammonium perfluorobutane sulfonate*	mg/kg	N.D.
Sodium perfluorobutylsulfonate(PFBS-Na)* 0.01	mg/kg	N.D.
Lithium nonafluorobutanesulfonate(PFBS-Li)*	mg/kg	N.D.
Bis(2-hydroxyethyl)ammonium perfluorobutanesulfonate (PFBS- (CH2CH2CH2OH)2NH)*	mg/kg	N.D.
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide(PFBS-N-(2-hydroxyethyl)-N-methyl)*	mg/kg	N.D.
Perfluoropentanoate(PFPA-)* 0.01	mg/kg	N.D.
Silver perfluoropentanoate(PFPA-Ag)* 0.01	mg/kg	N.D.
Lithium perfluoropentanoate(PFPA-Li)* 0.01	mg/kg	N.D.
Silver perfluorohexanoate(PFHxA-Ag)* 0.01	mg/kg	N.D.
Perfluorohexanoate(PFHxA-)* 0.01	mg/kg	N.D.
Lithium perfluorohexanoate(PFHxA-Li)* 0.01	mg/kg	N.D.

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			Result	
Tested Items	MDL	Unit	13	
Undecafluorohexanoic acid-piperazine	0.01	ma/ka	N.D.	
(1:1)(PFHxA-Piperazine)*	0.01	mg/kg	IN.D.	
Undecafluorohexanoic acidhexan-1-amine	0.01	mg/kg	N.D.	
(1/1)(PFHxA-Hexylamine)*	0.01	mg/kg	N.D.	
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-	0.01	mg/kg	N.D.	
dodecafluoroheptanoate(HPFHpA-NH4)*				
7-H-Perfluoroheptanoate(HPFHpA-)*	0.01	mg/kg	N.D.	
3,3,4,4,5,5,6,6,7,7,8,8,8-	0.01	mg/kg	N.D.	
tridecafluorooctane-1-sulfonate(6:2 FTSA-)*		0 0		
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-	0.01	ma/ka	N.D.	
octanesulfonic Acid Ammonium Salt(6:2 FTSA-NH4)*	0.01	mg/kg	N.D.	
Perfluorohexanesulfonate(PFHxS-)*	0.01	mg/kg	N.D.	
Triethylammonium perfluorohexane				
sulfonate*	0.01	mg/kg	N.D.	
Tetraethylammonium perfluorohexane				
sulfonate*	0.01	mg/kg	N.D.	
Lithium perfluorohexanesulfonate(PFHxS-	0.04	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Li)*	0.01	mg/kg	N.D.	
Ammonium	0.04	//	ND	
perfluorohexanesulfonate(PFHxSNH4)*	0.01	mg/kg	N.D.	
Bis(2-hydroxyethyl)ammonium	0.01	ma/ka	N.D.	
perfluorohexanesulfonate*	0.01	mg/kg	N.D.	
Nonadecafluorodecanoate(PFDA-)*	0.01	mg/kg	N.D.	
Potassium perfluorodecanoate(PFDA-K)*	0.01	mg/kg	N.D.	
Lithium perfluorodecanoate(PFDA-Li)*	0.01	mg/kg	N.D.	
Silver perfluorodecanoate(PFDA-Ag)*	0.01	mg/kg	N.D.	
Perfluorodecanesulfonate(PFDS-)*	0.01	mg/kg	N.D.	
Perfluoroheptanesulfonate(PFHpS-)*	0.01	mg/kg	N.D.	
Bis(2-hydroxyethyl)ammonium	0.01	mg/kg	N.D.	
perfluoroheptanesulfonate*		99		
Ammonium	0.01	mg/kg	N.D.	
perfluoroheptanesulfonate(PFHpS-NH4)*		3 3		
Triethylammonium perfluoroheptane	0.01	mg/kg	N.D.	
sulfonate*	0.01	ma/ka	N.D.	
Perfluoropentanesulfonate(PFPS-)* Ammonium 1,1,2,2,3,3,4,4,5,5,5-	0.01	mg/kg	IN.D.	
undecafluoropentane-1-sulphonate(PFPS-	0.01	mg/kg	N.D.	
NH4)*	0.01	mg/kg	IN.D.	
Bis(2-hydroxyethyl)ammonium	_			
perfluoropentanesulfonate*	0.01	mg/kg	N.D.	
Triethylammonium perfluoropentane	2.24	,,	5	
sulfonate*	0.01	mg/kg	N.D.	
Lithium perfluoropentane sulfonate(PFPS-	0.04	: N	ND	
Li)*	0.01	mg/kg	N.D.	
Silver perfluoropropanoate(PFPrA-Ag)*	0.01	mg/kg	N.D.	
Perfluoropropanoate(PFPrA-)*	0.01	mg/kg	N.D.	
Ammonium pentafluoropropionate(PFPrA-	0.01	mg/kg	N.D.	
NH4)*	0.01	mg/kg	IN.D.	

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Dated 2023-09-28



Tested Items	MDI	Unit	Result	
	MDL		13	
Potassium 1H,1H,2H,2H-	0.01	mg/kg	N.D.	
perfluoroundecanoate(H4PFUnA-K)*		9/9		
Lithium 3-	0.01	mg/kg	N.D.	
(perfluorooctyl)propanoate(H4PFUnA-Li)*		99		
Heptadecafluorooctane-1-sulphonamide,	0.01	mg/kg	N.D.	
compound with triethylamine (1:1)*		- 3 3		
Perfluorooctanesulfonamide lithium salt (1:1)(PFOSA-Li)*	0.01	mg/kg	N.D.	
Perfluorooctanesulfonamide sodium salt (1:1)(PFOSA-Na)*	0.01	mg/kg	N.D.	
Perfluoroundecanoate(PFUnA-)*	0.01	mg/kg	N.D.	
Sodium perfluoroundecanoate(PFUnA-Na)*	0.01	mg/kg	N.D.	
Potassium perfluoroundecanoate(PFUnA-				
K)*	0.01	mg/kg	N.D.	
Ammonium perfluoroundecanoate(PFUnA-NH4)*	0.01	mg/kg	N.D.	
Perfluorododecanoate(PFDoA-)*	0.01	mg/kg	N.D.	
Sodium Perfluorododecanoate(PFDoA-Na)*	0.01	mg/kg	N.D.	
Perfluorotridecanoate(PFTrA-)*	0.01	mg/kg	N.D.	
Ammonium perfluorotridecanoate(PFTrA-NH4)*	0.01	mg/kg	N.D.	
Perfluorotetradecanoate(PFTeA-)*	0.01	ma/ka	N.D.	
4:2 Fluorotelomer sulfonate(4:2 FTS-)*	0.01	mg/kg mg/kg	N.D.	
Sodium 1H,1H,2H,2H-perfluoro-1-	0.01	nig/kg	IN.D.	
hexanesulfonate(4:2 FTS-Na)*	0.01	mg/kg	N.D.	
2-(Perfluorooctyl)ethane-1-				
sulfonate(8:2FTS-)*	0.01	mg/kg	N.D.	
8:2 Fluorotelomer sulfonate ammonium				
salt(8:2FTS-NH4)*	0.01	mg/kg	N.D.	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid				
Sodium(8:2FTS-Na)*	0.01	mg/kg	N.D.	
Potassium 2-(perfluorooctyl)ethane-1-	2.24	,,	N.D.	
sulfonate(8:2FTS-K)*	0.01	mg/kg	N.D.	
1H,1H,2H,2H-Perfluorododecanesulfonic	0.04		ND	
Acid Sodium(10:2 FTS-Na)*	0.01	mg/kg	N.D.	
Perfluorooctadecanoate anion(PFODA-)*	0.01	mg/kg	N.D.	
Hentriacontafluorohexadecanoate	0.01	ma/ka	N.D.	
anion(PFHxDA-)*	0.01	mg/kg	N.D.	
N-(Heptadecafluorooctylsulfonyl)-N-				
methylglycine potassium salt(N-MeFOSAA-	0.01	mg/kg	N.D.	
K)				
2-(N-				
Methylperfluorooctanesulfonamido)acetate(0.01	mg/kg	N.D.	
N-MeFOSAA-)				
Ammonium 2-(N-	0.04		ND	
ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-NH4)	0.01	mg/kg	N.D.	
2-(N-Ethyl-				
perfluorooctanesulfonamido)acetate(N- EtFOSAA-)	0.01	mg/kg	N.D.	
Lii OUAA-)			J	

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Tested Items MDL	MDI	l lmi4	Result
	Unit	13	
Sodium 2-(N- ethylperfluorooctanesulfonamido)acetate(N- EtFOSAA-Na)	0.01	mg/kg	N.D.
potassium N-ethyl-N- ((heptadecafluorooctyl)sulphonyl)glycinate(N-EtFOSAA-K)	0.01	mg/kg	N.D.
Triethylaminium perfluoro-2- propoxypropanoate(HFPO-DA-(C2H5)3N)	0.01	mg/kg	N.D.

Remark:

- 1. N.D.=Not Detected (<MDL)
- 2. "mg/kg" denotes "milligram per kilogram
- 3. "*" denotes the data was converted based on results of related compounds

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

Prepared by:



Mr. Jialong HAN

Checked by:



Mr. Feng ZHANG

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Disclaimer Measurement Uncertainty:

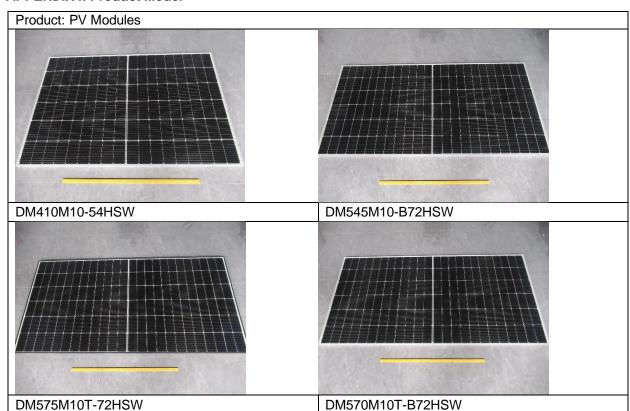
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APPENDIX I: Product Model



Additional model:

TOPCon series:

DMXXXM10T-54HSW, DMXXXM10T-54HBW, DMXXXM10T-54HBB,

DMXXXM10T-60HSW, DMXXXM10T-60HBW, DMXXXM10T-60HBB,

DMXXXM10T-66HSW, DMXXXM10T-66HBW, DMXXXM10T-66HBB, DMXXXM10T-72HSW,

DMXXXM10T-72HBW, DMXXXM10T-72HBB, DMXXXM10T-78HSW, DMXXXM10T-78HBW,

DMXXXM10T-78HBB, DMXXXM10T-54HSW-V, DMXXXM10T-54HBW-V, DMXXXM10T-54HBB-٧,

DMXXXM10T-60HSW-V, DMXXXM10T-60HBW-V, DMXXXM10T-60HBB-V, DMXXXM10T-

66HSW-V, DMXXXM10T-66HBW-V, DMXXXM10T-66HBB-V, DMXXXM10T-72HSW-V,

DMXXXM10T-72HBW-V, DMXXXM10T-72HBB-V, DMXXXM10T-78HSW-V, DMXXXM10T-

78HBW-V, DMXXXM10T-78HBB-V, DMXXXM10T-B54HSW, DMXXXM10T-B54HBW,

DMXXXM10T-B54HST, DMXXXM10T-B54HBT, DMXXXM10T-B54HBB,

DMXXXM10T-B60HSW, DMXXXM10T-B60HBW, DMXXXM10T-B60HST, DMXXXM10T-

B60HBT, DMXXXM10T-B60HBB,

DMXXXM10T-B66HSW, DMXXXM10T-B66HBW, DMXXXM10T-B66HST, DMXXXM10T-

B66HBT, DMXXXM10T-B66HBB,

DMXXXM10T-B72HSW, DMXXXM10T-B72HBW, DMXXXM10T-B72HST, DMXXXM10T-

B72HBT, DMXXXM10T-B72HBB,

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DMXXXM10T-B78HSW, DMXXXM10T-B78HBW, DMXXXM10T-B78HST, DMXXXM10T-

B78HBT, DMXXXM10T-B78HBB,

DMXXXM10RT-54HSW, DMXXXM10RT-54HBW, DMXXXM10RT-54HBB, DMXXXM10RT-

54HSW-V, DMXXXM10RT-54HBW-V, DMXXXM10RT-54HBB-V, DMXXXM10RT-B54HSW,

DMXXXM10RT-B54HBW, DMXXXM10RT-B54HST,

DMXXXM10RT-B54HBT, DMXXXM10RT-B54HBB,

DMXXXM10RT-B54HSW-L, DMXXXM10RT-B54HBW-L, DMXXXM10RT-B54HST-L,

DMXXXM10RT-B54HBT-L, DMXXXM10RT-B54HBB-L,

DMXXXG12RT-66HSW, DMXXXG12RT-66HBW, DMXXXG12RT-66HBB,

DMXXXG12RT-66HSW-V, DMXXXG12RT-66HBW-V, DMXXXG12RT-66HBB-V,

DMXXX G12RT-B66HSW, DMXXX G12RT-B66HBW, DMXXX G12RT-B66HST,

DMXXX G12RT-B66HBT, DMXXXG12RT-B66HBB:

DMXXXG12T-66HSW, DMXXXG12T-66HBW, DMXXXG12T-66HBB,

DMXXXG12T-66HSW-V, DMXXXG12T-66HBW-V, DMXXXG12T-66HBB-V,

DMXXX G12T-B66HSW, DMXXX G12T-B66HBW, DMXXX G12T-B66HST,

DMXXX G12T-B66HBT, DMXXXG12T-B66HBB:

DMXXXG12T-60HSW, DMXXXG12T-60HBW, DMXXXG12T-60HBB,

DMXXXG12T-60HSW-V, DMXXXG12T-60HBW-V, DMXXXG12T-60HBB-V,

DMXXX G12T-B60HSW, DMXXX G12T-B60HBW, DMXXX G12T-B60HST,

DMXXX G12T-B60HBT, DMXXXG12T-B60HBB:

PERC seires:

DMXXXM6-60HSW, DMXXXM6-60HBW, DMXXXM6-60HBB,

DMXXXM6-72HSW, DMXXXM6-72HBW, DMXXXM6-72HBB,

DMXXXM10-54HSW, DMXXXM10-54HBW, DMXXXM10-54HBB,

DMXXXM10-60HSW, DMXXXM10-60HBW, DMXXXM10-60HBB,

DMXXXM10-66HSW, DMXXXM10-66HBW, DMXXXM10-66HBB,

DMXXXM10-72HSW, DMXXXM10-72HBW, DMXXXM10-72HBB,

DMXXXM10-78HSW, DMXXXM10-78HBW, DMXXXM10-78HBB,

DMXXXM6-60HSW-V, DMXXXM6-60HBW-V, DMXXXM6-60HBB-V,

DMXXXM6-72HSW-V, DMXXXM6-72HBW-V, DMXXXM6-72HBB-V,

DMXXXM10-54HSW-V, DMXXXM10-54HBW-V, DMXXXM10-54HBB-V,

DMXXXM10-60HSW-V, DMXXXM10-60HBW-V, DMXXXM10-60HBB-V,

DMXXXM10-66HSW-V, DMXXXM10-66HBW-V, DMXXXM10-66HBB-V, DMXXXM10-72HSW-V,

DMXXXM10-72HBW-V, DMXXXM10-72HBB-V, DMXXXM10-78HSW-V, DMXXXM10-78HBW-V,

DMXXXM10-78HBB-V,

DMXXXM6-B60HSW, DMXXXM6-B60HBW, DMXXXM6-B60HST,

DMXXXM6-B60HBT, DMXXXM6-B60HBB,

DMXXXM6-B72HSW, DMXXXM6-B72HBW, DMXXXM6-B72HST,

DMXXXM6-B72HBT, DMXXXM6-B72HBB,

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DMXXXM10-B54HSW, DMXXXM10-B54HBW, DMXXXM10-B54HST, DMXXXM10-B54HBT,

DMXXXM10-B54HBB,

DMXXXM10-B60HSW, DMXXXM10-B60HBW, DMXXXM10-B60HST, DMXXXM10-B60HBT,

DMXXXM10-B60HBB,

DMXXXM10-B66HSW, DMXXXM10-B66HBW, DMXXXM10-B66HST, DMXXXM10-B66HBT,

DMXXXM10-B66HBB,

DMXXXM10-B72HSW, DMXXXM10-B72HBW, DMXXXM10-B72HST, DMXXXM10-B72HBT,

DMXXXM10-B72HBB,

DMXXXM10-B78HSW, DMXXXM10-B78HBW, DMXXXM10-B78HST, DMXXXM10-B78HBT,

DMXXXM10-B78HBB;

Greenhouse series which are with the model name start with "GH"

GH series other type:

GHXXXG1-60SW-C, GHXXXM6-B54HST-C, GHXXXM6-B54HSW-C, GHXXXM6-B66HST-C,

GHXXXM6-B66HSW-C, GHXXXM6-B72HST-C, GHXXXM6-B72HSW-C, GHXXXM10-B48HST-C,

GHXXXM10-B66HST-C, GHXXXM10-B66HSW-C, GHXXXM10-B72HST-C, GHXXXM10-B72HSW-C,

GHXXXM10T-B48HST-C, GHXXXM10T-B66HST-C, GHXXXM10T-B66HSW-C, GHXXXM10T-

B72HST-C, GHXXXM10T-B72HSW-C

XXX means module nameplate power.

Remark:

- 1. The report covers material testing on specified samples.
- 2. The tested materials covered by the report were declared by the manufacturer to be used on the additional model.

-- END OF REPORT--

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