

Eurofins Hydrologie Centre Est SAS
RESULTS
2, rue Chanoine Ploton
42000 SAINT ETIENNE
FRANCE

AR-23-LW-140606-01

EUSELI-00451139

Client code:: LW9905865

Reference:

EUFSE200034256

ANALYTICAL REPORT

Sample code:	525-2023-12080321				
¹ Client Sample:	SORTIE BASSIN				
Received:	2023-12-08				
Report finished:	2023-12-19				
¹ Client sample code	23Z007732-002				
Reception Temp.	8.6°C				
Start of analysis	2023-12-08				
Test code	Parameter	Result Unit	Uncert.	Method/ref.	Lab
LW279	10:2 FTS (Fluorotelomer sulfonate)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW299	3:3 FTCA (Fluorotelomer carboxylic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1U4 [a]	4:2 FTS (Fluorotelomer sulfonate)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW29A	5:3 FTCA (Fluorotelomer carboxylic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1UK [a]	6:2 Cl-PFAES (9-chlorohexadecafluoro-3-oxanonane-1	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TQ [a]	6:2 FTS (Fluorotelomer sulfonate)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW29B	7:3 FTCA (Fluorotelomer carboxylic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1UL [a]	8:2 Cl-PFAES(11chloroeicosafuor3oxaundecane1sulf)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TZ [a]	8:2 FTS (Fluorotelomer sulfonate)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1UM [a]	DONA (Dodecafluoro-3H-4,8-dioxanonanate)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1U6 [a]	EtFOSA (N-ethylperfluorooctanesulfonamide)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1U1 [a]	EtFOSAA(N-ethylperfluorooctanesulfonamido-HAc)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1UC [a]	EtFOSE (N-ethylperfluorooctanesulfonamido-ethanol)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI

Explanations

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¹ The information has been provided by the customer. Eurofins is not responsible for information provided by the customer or in cases where this information may affect the analysis result.

Uncert: Measurement uncertainty

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LW1V7	HFPO-DA (GenX)	<1.0 ng/l		DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW29Z	HFPO-TA	<1.0 ng/l		DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1U8 [a]	MeFOSA (N-methylperfluorooctansulfonamide)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1UD [a]	MeFOSAA (N-methylperfluorooctanesulfonamide-HAc)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1U7 [a]	MeFOSE(N-methylperfluorooctane sulfonamido-ethanol)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW298	NFDHA (Nonafluoro-3,6-dioxaheptanoic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TW [a]	PFBA (Perfluorobutanoic acid)	8.3 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TF [a]	PFBS (Perfluorobutanesulfonic acid)	1.5 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW2AD	PFBSA (Perfluorobutane sulfonamide)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TL [a]	PFDA (Perfluorodecanoic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TP [a]	PFDoA (Perfluorododecanoic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1UF [a]	PFDoS (Perfluorododecane sulfonic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1U3 [a]	PFDS (Perfluorodecanesulfonic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1UN [a]	PFECHS(Perfluoro-4ethylcyclohexanesulfonate)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW297	PFEESA (Perfluoro-(2-ethoxyethane)-sulfonic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TI [a]	PFHpA (Perfluoroheptanoic acid)	6.6 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TU [a]	PFHpS (Perfluoroheptanesulfonic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TH [a]	PFHxA (Perfluorohexanoic acid)	9.1 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1U2 [a]	PFHxDA (Perfluorohexadecanoic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TG [a]	PFHxS (Perfluorohexanesulfonic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1UI	PFHxSA (Perfluorohexanesulfonamide)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW296	PFMBA (Perfluoro-4-methoxybutanoic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW295	PFMPA (Perfluoro-3-methoxypropionic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TK [a]	PFNA (Perfluorononanoic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI

Explanations

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LW1UG [a]	PFNS (Perfluorononane sulfonic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TJ [a]	PFOA (Perfluorooctanoic acid)	2.4 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1U9 [a]	PFODA (Perfluorooctadecanoic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TV [a]	PFOS (Perfluorooctanesulfonic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TM [a]	PFOSA (Perfluorooctanesulfonamide)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TY [a]	PFPeA (Perfluoropentanoic acid)	9.6 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1UA [a]	PFPeS (Perfluoropentane sulfonic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TT [a]	PFTeDA (Perfluorotetradecanoic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1U0 [a]	PFTrDA (Perfluorotridecanoic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW26C [a]	PFTrDS (Perfluorotridecane sulfonic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1TN [a]	PFUdA (Perfluoroundecanoic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW26B [a]	PFUnDS (Perfluoroundecane sulfonic acid)	<1.0 ng/l	± 31%	DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW1U5	Sum of PFAS	38 ng/l		DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW22B [a]	Sum of PFAS20 ((EU) 2020/2184)	38 ng/l		DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI
LW2AK [a]	Sum of PFAS4 (EU EFSA)	2.4 ng/l		DIN38407-42, UNEP Chemicals Branch 2015 mod.	EUSELI

Report comments:

PFOS, PFHXS, PFOA, and PFOSA are reported as the sum of linear and branched forms.

Robert Hummerhielm, ASM

This test report has been created electronically and has been verified and authorised.

Explanations of which laboratory that has performed the tests and to accreditation/recognitions

Lab	Name	Mark.	Accreditation/Recognition
EUSELI	Eurofins Food & Feed Testing Sweden (Lidköping)	[a]	ISO/IEC 17025:2017 SWEDAC 1977

[a] in front of a parameter indicates that the test has been performed under accreditation

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