ANALYSERAPPORT 443190

Version: 1
Sagsnr:
Rekv. nr:
Genereret: 17.06.2022
Bilag:

Løkken Vandværk
Åsendrupvej 70
9480 Løkken

LAB nr:	22-14350, Prøve nr. 530652	**Prøvetager:**	KJA, SGS Analytics Denmark A/S
Prøvemærkning:		**Prøvetagningsmetode:**	M-0061 DS/ISO 5667
Prøvetype:	Drikkevandskontrol, afgang vandværk - PFAS	**Prøvetagningsperiode:**	02.05.2022 14:25 - 02.05.2022 14:31
Prøvested:	Løkken Vandværk - Jupiter 71026	**Prøvetagningssted:**	Afgang vandværk
Grænseværdier:	Miljøministeriet, BEK nr 2361 af 26.11.2021	**Analyseperiode:**	02.05.2022 - 17.06.2022

Analyseparameter	Resultat		Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Perfluorbutansulfonat (PFBS)	**<0.0003**	µg/L	-	-		0.0003	#DIN 38407-42 mod. Swedac 1006	30%
Perfluorhexansulfonat (PFHxS)	**<0.0003**	µg/L	-	-		0.0003	#DIN 38407-42 mod. Swedac 1006	30%
Perfluoroktansulfonsyre (PFOS)	**<0.0002**	µg/L	-	-		0.0002	#DIN 38407-42 mod. Swedac 1006	30%
Perfluorpentansyre (PFPeA)	**<0.0006**	µg/L	-	-		0.0006	#DIN 38407-42 mod. Swedac 1006	30%
Perfluorhexansyre (PFHxA)	**<0.0003**	µg/L	-	-		0.0003	#DIN 38407-42 mod. Swedac 1006	30%
Perfluorheptansyre (PFHpA)	**<0.0003**	µg/L	-	-		0.0003	#DIN 38407-42 mod. Swedac 1006	30%
Perfluoroktansyre (PFOA)	**<0.0003**	µg/L	-	-		0.0003	#DIN 38407-42 mod. Swedac 1006	30%
6:2 fluortelomersulfonsyre (6:2 FTS)	**<0.0003**	µg/L	-	-		0.0003	#DIN 38407-42 mod. Swedac 1006	30%
Perfluorbutansyre (PFBA)	**<0.0006**	µg/L	-	-		0.0006	#DIN 38407-42 mod. Swedac 1006	30%
Perfluornonansyre (PFNA)	**<0.0003**	µg/L	-	-		0.0003	#DIN 38407-42 mod. Swedac 1006	30%
Perfluordecansyre (PFDA)	**<0.0006**	µg/L	-	-		0.0006	#DIN 38407-42 mod. Swedac 1006	30%
Perfluoroktansulfonamid (PFOSA)	**<0.0003**	µg/L	-	-		0.0003	#DIN 38407-42 mod. Swedac 1006	30%
PFAS Sum (12)	**<0.0002**	µg/L	-	0.1		0.0002	#Beregning Swedac 1006	30%
PFOA, PFOS, PFNA og PFHxS Sum (4)	**Ej påvist**	µg/L	-	0.002		0.0002	#Beregning Swedac 1006	-

Bemærkninger:
Der er ikke fundet resultater uden for de anførte min- og maxgrænser.

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TEST Reg.nr. 401

LAB nr:	22-14351, Prøve nr. 523643	**Prøvetager:**	KJA, SGS Analytics Denmark A/S
Prøvemærkning:	Pesticider + nitrat	**Prøvetagningsmetode:**	M-0061 DS/ISO 5667
Prøvetype:	Drikkevandskontrol, afgang vandværk - Driftskontrol	**Prøvetagningsperiode:**	02.05.2022 14:25 - 02.05.2022 14:31
Prøvested:	Løkken Vandværk - Jupiter 71026	**Prøvetagningssted:**	Afgang vandværk
Grænseværdier:	Miljøministeriet, BEK nr 2361 af 26.11.2021	**Analyseperiode:**	02.05.2022 - 17.06.2022

Analyseparameter	Resultat		Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Imazalil	**<0.01**	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
Metaldehyd	**<0.01**	µg/L	-	0.1		0.01	*LC-MS/MS	30%
Metamitron-desamino	**<0.01**	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	20%
5-trifluoromethyl-2-(1H) pyridon (TFMP)	**<0.01**	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
Monuron	**<0.01**	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
CGA 369873	**<0.01**	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
[(2,6-Dimethylphenyl)(2-sulfoacetyl)amino]eddikesyre	**<0.01**	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
t-Sulfinylacetic Acid	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Trifluoreddikesyre (TFA)	**0.2**	µg/L	-	9		0.05	*LC-MS/MS	30%
Alachlor ESA	**<0.01**	µg/L	-	0.1		0.01	M-0212 LC-MS-MS	30%
Dimethachlor ESA	**<0.01**	µg/L	-	0.1		0.01	M-0212 LC-MS-MS	30%
Dimethachlor OA	**<0.01**	µg/L	-	0.1		0.01	M-0222 LC-MS-MS	30%
Metazachlor ESA	**<0.01**	µg/L	-	0.1		0.01	M-0212 LC-MS-MS	30%
Metazachlor OA	**<0.01**	µg/L	-	0.1		0.01	M-0212 LC-MS-MS	30%
Propachlor ESA	**<0.01**	µg/L	-	0.1		0.01	M-0212 LC-MS-MS	30%
Chlorothalonil-amidsulfonsyre	**<0.002**	µg/L	-	0.1		0.002	M-0211 LC-MS/MS	30%
1.2.4-Triazol	**<0.01**	µg/L	-	0.1		0.01	M-0205 LC-MS-MS	20%
N,N-Dimethylsulfamid (DMS)	**0.02**	µg/L	-	0.1		0.01	M-0204 LC-MS/MS	30%
Chloridazon	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Desphenyl-chloridazon	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Methyl-desphenyl-chloridazon	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
2.4 D	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
Atrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Bentazon	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
Dichlobenil	**<0.01**	µg/L	-	0.1		0.01	M-0100 GC-MS	10%
Dichlorprop	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
Diuron	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
ETU (Ethylenthiourea)	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Glyphosat	**<0.01**	µg/L	-	0.1		0.01	M-0166 LC-MS-MS	20%
Hexazinon	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
MCPA	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Mechlorprop	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Metribuzin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Simazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
2.6-Dichlorbenzosyre	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
2.4-Dichlorphenol	**<0.01**	µg/L	-	0.1		0.01	M-0100 LC-MS	15%
2.6-Dichlorphenol	**<0.01**	µg/L	-	0.1		0.01	M-0100 LC-MS	10%
4-CPP	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
2.6-DCPP	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
4-nitrophenol	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
AMPA	**<0.01**	µg/L	-	0.1		0.01	M-0166 LC-MS-MS	20%
BAM (2.6-dichlorbenzamid)	**0.03**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
Desethyldesisopropylatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Desethylhydroxyatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Desethylatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Desethylterbutylazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Desisopropylatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Desisopropylhydroxyatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%

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Analyseparameter	Resultat		Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Didealkylhydroxyatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Hydroxyatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Hydroxysimazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Metribuzin-desamino-deketo	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Metribuzin-diketo	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Metribuzin-desamino	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Metalaxyl/Metalaxyl-M	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
CGA62826	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
CGA108906	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Aldrin	**<0.01**	µg/L	-	0.03		0.01	M-0208 GC-MS	30%
Dieldrin	**<0.01**	µg/L	-	0.03		0.01	M-0208 GC-MS	30%
Heptachlor	**<0.01**	µg/L	-	0.03		0.01	M-0208 GC-MS	30%
Heptachlorepoxid (sum af cis+trans)	**<0.01**	µg/L	-	0.03		0.01	M-0208 GC-MS	30%
Nitrat	**25**	mg/L	-	50		0.5	M-0018 DS/ENISO10304	10%

Bemærkninger:
Der er ikke fundet resultater uden for de anførte min- og maxgrænser.

Rekvirent: Løkken Vandværk
Kopi: Danmarks Miljøportal, Sundhedsstyrelsen Nord, Hjørring Kommune (Drikkevand)

Nørresundby d. 17.06.2022

Annemette Christensen, laborant

Forklaring:
D.L.: Detektionsgrænse
+/-: Total ekspanderet usikkerhed (2x total RSD%)
<: Mindre end
>: Større end
*: Ikke omfattet af akkrediteringen
#: Akkrediteret af underleverandør