

RelyOn Nutec Denmark A/S
Uglviggårdsvej 3
6705 Esbjerg Ø
Att.: Rene Petersen

Report code: AR-21-CA-21113931-01
Batch code: EUDKVE-21113931
Client code: CA0000723
Received on: 07.10.2021

Analytical Report

Sample type: Waste water
Sampling Point: RelyOn Nutec - Spildevand - / 20001561
Sampler: Eurofins Miljø Vand A/S SVT
Sampling: 07.10.2021 . 10:10
Test period: 07.10.2021 - 21.10.2021

Sample description:

Lab sample No.:	835-2014-80210310	Unit	LOQ	Method	^{m)} Urel (%)
Organic Assembly Parameters					
Oil	< 0.1	mg/l	0.1	DS/R 209 mod. Spectrophotometry (IR)	15
Aromatic hydrocarbons					
Benzene	< 0.02	µg/l	0.02	ISO 11423-2:1997 mod. GC-MS	20
Toluene	< 0.02	µg/l	0.02	ISO 11423-2:1997 mod. GC-MS	15
Ethylbenzene	< 0.02	µg/l	0.02	ISO 11423-2:1997 mod. GC-MS	20
Xylene (ortho-)	< 0.02	µg/l	0.02	ISO 11423-2:1997 mod. GC-MS	15
Xylene (meta-, para-)	< 0.02	µg/l	0.02	ISO 11423-2:1997 mod. GC-MS	15
Sum of xylenes	#	µg/l		ISO 11423-2:1997 mod. GC-MS	20
BTEX (sum)	#	µg/l		ISO 11423-2:1997 mod. GC-MS	20
PFAS-compounds					
PFBA (Perfluorobutanoic acid)	0.24	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
PFBS (Perfluorobutanesulfonic acid)	<0.01	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
PFPeA (Perfluoropentanoic acid)	0.89	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
PFHxA (Perfluorohexanoic acid)	1.4	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
PFHxS (Perfluorohexanesulfonic acid)	0.15	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
PFHpA (Perfluoroheptanoic acid)	0.29	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
PFOA (Perfluorooctanoic acid)	0.11	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
PFOS (Perfluorooctanesulfonic acid)	0.81	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
6:2 FTS (Fluorotelomer sulfonate)	11	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
PFOSA (Perfluorooctanesulfonamide)	<0.01	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
PFNA (Perfluorononanoic acid)	0.021	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
PFDA (Perfluorodecanoic acid)	0.014	µg/l	0.001	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A 40
Sum of PFAS	15	µg/l	0	* DIN38407-42, UNEP Chemicals Branch 2015 mod. LC-MS/MS	A

Information from sampler

Legend:

<: less than
>: greater than
#: none of the parameters are detected
LOQ Limit of quantification

*) : Not included in the accreditation
n.d: not detected
NM: non-measurable
m): subcontractors

Urel (%): The expanded relative measurement uncertainty, with a coverage factor 2. For results at the level of detection limit the uncertainty might be higher than reported.

^{o)}: Uncertainties of microbiological parameters are given as a logarithmical standard deviation

The test results relate only to the items tested.

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