



ALS Denmark A/S
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ANALYSERAPPORT

Idestrup Vandværk
Kirkevej 21H
Idestrup
Att.: Hans Henrik Kaare

Udskrevet: 06-12-2021
Version: 1
Modtaget: 02-11-2021
Analyseperiode: 02-11-2021 - 06-12-2021
Ordrenr.: 678632

Sagsnavn: Idestrup Vandværk
Lokalitet: Idestrup Vandværk
Prøvested: DGU 238.1051-1
Udtaget: 01.11.2021 kl. 13:10
Prøvetype: Råvand - Enkeltparametre + Bek. 1110:2021, Gruppe B, Boringskontrol + Bek. 1110:2021, Gruppe B + PFAS (PFOA, PFOS, PFNA, PFHxS i vand) lav DL, Prag +
Prøvetager: Lab/HHK
Kunde: Idestrup Vandværk, Kirkevej 21H, Idestrup, Att. Hans Henrik Kaare

Prøvenr.:	254858/21				
Parameter	Resultat	Enhed	DL	Metode	Urel (%)
Partikler i prøve efter konservering	#	Nej	-	-	-
FELTMÅLINGER:					
Prøvetagning, Boring	+	-	-	DS/ISO 5667-11:2009	-
pH ved prøvetagning	7.1	pH	-	DS/EN ISO 10523:2012	-
Temperatur ved prøvetagning	9.4	°C	-	-	-
Ledningsevne v. ptagning	93.7	mS/m	1.5	DS/EN 27888:2003	15
Iltindhold v. ptagning	0.1	mg/l	0.1	DS/EN ISO 5814:2012	15
Laboratoriets målinger:					
Fluorid, F-	0.78	mg/l	0.03	DS/EN ISO 10304-1:2009	15
Mangan, Mn	0.0088	mg/l	0.002	DS/EN ISO 11885:2009	20
Calcium, Ca++	88	mg/l	0.5	DS/EN ISO 11885:2009	15
Magnesium, Mg++	25	mg/l	0.3	DS/EN ISO 11885:2009	15
Kalium, K+	4.6	mg/l	0.05	DS/EN ISO 11885:2009	15
Natrium, Na+	61	mg/l	0.3	DS/EN ISO 11885:2009	15
Jern, Fe	0.081	mg/l	0.01	DS/EN ISO 11885:2009	20
Ammonium+ammoniak, NH4+	2.3	mg/l	0.004	DS/ISO 15923-1:2013+DS224:1975Mod	15
Nitrit, NO2-	0.0024	mg/l	0.001	DS/ISO 15923-1:2013	15
Nitrat, NO3-	<0.10	mg/l	0.1	DS/ISO 15923-1:2013 + beregning	15
Total phosphor, P	0.018	mg/l	0.003	DS/EN ISO 6878 Del 7:2004 + DS/EN ISO 15681-2:2018	15
Chlorid, Cl-	95	mg/l	0.5	DS/ISO 15923-1:2013	15
Sulfat, SO4--	<0.50	mg/l	0.5	DS/ISO 15923-1:2013	15
Hydrogencarbonat, HCO3-	470	mg/l	3	DS/EN ISO 9963-1:1996	15
Aggressiv kuldioxid, CO2	<5	mg/l	2	DS 236:1977	15
Hydrogensulfid, H2S	0.73	mg/l	0.02	DS 278:1976	15
Methan, CH4	5.4	mg/l	0.01	AK129 - HS GC/FID	20
NVOC	2.8	mg/l	0.1	DS/EN 1484:1997+SM 5310B:2014	15
Arsen, As	0.047	µg/l	0.03	DS/EN ISO 17294-2:2016	20
Bor, B	170	µg/l	10	DS/EN ISO 11885:2009	20
Barium, Ba	50	µg/l	0.03	DS/EN ISO 17294-2:2016	20
Kobolt, Co	0.035	µg/l	0.01	DS/EN ISO 17294-2:2016	20
Nikkel, Ni	0.46	µg/l	0.03	DS/EN ISO 17294-2:2016	20
2,6-dichlorphenol	<0.010	µg/l	0.010	AK158 - GC/MS	30
Pesticider, Drikkevand grundpakke					
1,2,4-triazol	<0.010	µg/l	0.010	- - GC/LC/MS	-
1,2,4-triazol	<0.010	µg/l	0.010	AK207 - LC/MS/MS	30
2,6-DCPP (2-(2,6-dichlorphenoxypropionsyre)), 2,6-dichlorprop	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30
2,6-dichlorbenzoesyre	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30
4-CPP, (4-Chlorprop)	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30
Aminomethylphosphonsyre, AMPA	<0.010	µg/l	0.010	AK144 - LC/MS/MS	30
Atrazin	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30
2,6-Dichlorbenzamid (BAM)	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30
Bentazon	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30
Desphenyl-chloridazon	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30
Imazalil	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30
Methyl-desphenyl-chloridazon	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30

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4-nitrophenol	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
2,4-dichlorphenol	<0.010	µg/l	0.010	AK158 - GC/MS	30		
Desethylatrazin	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Desethyl-desisopropylatrazin (DEIA)	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Desethyl-hydroxy-atrazin	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Desethylterbutylazin	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Desisopropylatrazin	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Desisopropyl-hydroxy-atrazin	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Dichlobenil	<0.010	µg/l	0.010	AK78 - GC/MS	30		
Dichlorprop(2,4-DP)	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Didealkyl-hydroxy-atrazin	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
ETU (Ethylthiourea)	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Glyphosat	<0.010	µg/l	0.010	AK144 - LC/MS/MS	30		
Hexazinon	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Hydroxyatrazin	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Hydroxysimazin	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
MCPA	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Mechlorprop(MCPP)	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Metamitron-desamino	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Simazin	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
TFMP	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
N,N-Dimethylsulfamid (DMS)	<0.010	µg/l	0.010	AK207 - LC/MS/MS	30		
Chlorothalonilamid-sulfonsyre	<0.0050	µg/l	0.005	AK78 - LC/MS/MS	30		
Pesticider, DRV BEK 1110: 2021				- - LC/MS/MS			
Alachlor ESA	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Dimethachlor ESA	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Dimethachlor OA	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Metazachlor ESA	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Metazachlor OA	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Propachlor ESA	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
t-Sulfinyledikesyre (Acetochlor SAA)	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
CGA 369873 (Dimethachlor metab.)	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Metaldehyd	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
[(2,6-Dimethylphenyl)(2-sulfoacetyl)amino]edikesyre	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
Monuron	<0.010	µg/l	0.010	AK78 - LC/MS/MS	30		
PFAS (PFOA, PFOS, PFNA, PFHxS)				CEN/TS 15968:2010			
lav LD							
PFHxS	*1	<0.30	ng/l	0.30	CEN/TS 15968:2010	40	
PFOS	*1	<0.30	ng/l	0.30	CEN/TS 15968:2010	40	
PFOA	*1	<0.30	ng/l	0.30	CEN/TS 15968:2010	40	
PFNA	*1	<0.30	ng/l	0.30	CEN/TS 15968:2010	40	
PFAS-forbindelser, MST 12 stoffer				DIN 38407-42:2011-03			
PFHpA		<0.0010	µg/l	0.0010	DIN 38407-42:2011-03	30	
PFOA		<0.0010	µg/l	0.0010	DIN 38407-42:2011-03	30	
PFNA		<0.0010	µg/l	0.0010	DIN 38407-42:2011-03	30	
PFBS		<0.0010	µg/l	0.0010	DIN 38407-42:2011-03	30	
PFHxS		<0.0010	µg/l	0.0010	DIN 38407-42:2011-03	30	
PFOS		<0.0010	µg/l	0.0010	DIN 38407-42:2011-03	30	
PFOSA		<0.0010	µg/l	0.0010	DIN 38407-42:2011-03	30	
PFHxA		<0.0050	µg/l	0.0050	DIN 38407-42:2011-03	30	
PFBA		<0.0010	µg/l	0.0010	DIN 38407-42:2011-03	30	
PFPeA		<0.0050	µg/l	0.0050	DIN 38407-42:2011-03	30	
PFDA		<0.0010	µg/l	0.0010	DIN 38407-42:2011-03	30	
FTS 6:2		<0.0010	µg/l	0.0010	DIN 38407-42:2011-03	30	
Sum af PFAS, 12 stoffer	#	<0.010	µg/l	0.010	DIN 38407-42:2011-03	30	
Sum af PFAO, PFOS, PFNA, PFHxS	*2	<2.0	ng/l	2.0	CEN/TS 15968:2010	30	
Trifluoreddikesyre, TFA		<0.050	µg/l	0.050	AK140 - LC/MS/MS	30	

Kommentar

Ingen kommentar

Underleverandør

*1 ALS Czech Republic s.r.o, CAI L1163

*2 # ALS Czech Republic s.r.o, CAI L1163

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ANALYSERAPPORT

Dianna Andersen

Dianna Andersen

Kopimodtagere:

Guldborgsund Kommune, --

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