



ALS Denmark A/S
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www.alsglobal.dk

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 238.585-1
Udtaget: 01.11.2021 kl. 12:25
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.:	254859/21					
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	10.0	°C	-	-	-	
Ledningsevne v. ptagning	124.9	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-	0.81	mg/l	0.03	DS/EN ISO 10304-1:2009	15	
Mangan, Mn	0.011	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++	29	mg/l	0.3	DS/EN ISO 11885:2009	15	
Kalium, K+	5.5	mg/l	0.05	DS/EN ISO 11885:2009	15	
Natrium, Na+	110	mg/l	0.3	DS/EN ISO 11885:2009	15	
Jern, Fe	0.22	mg/l	0.01	DS/EN ISO 11885:2009	20	
Ammonium+ammoniak, NH4+	2.9	mg/l	0.004	DS/ISO 15923-1:2013+DS224:1975Mod	15	
Nitrit, NO2-	<0.0010	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	0.020	mg/l	0.003	DS/EN ISO 6878 Del 7:2004 + DS/EN ISO 15681-2:2018	15	
Chlorid, Cl-	190	mg/l	0.5	DS/ISO 15923-1:2013	15	
Sulfat, SO4--	5.5	mg/l	0.5	DS/ISO 15923-1:2013	15	
Hydrogencarbonat, HCO3-	450	mg/l	3	DS/EN ISO 9963-1:1996	15	
Aggressiv kuldioxid, CO2	<5	mg/l	2	DS 236:1977	15	
Hydrogensulfid, H2S	1.5	mg/l	0.02	DS 278:1976	15	
Methan, CH4	5.4	mg/l	0.01	AK129 - HS GC/FID	20	
NVOC	2.9	mg/l	0.1	DS/EN 1484:1997+SM 5310B:2014	15	
Arsen, As	0.057	µg/l	0.03	DS/EN ISO 17294-2:2016	20	
Bor, B	260	µg/l	10	DS/EN ISO 11885:2009	20	
Barium, Ba	37	µg/l	0.03	DS/EN ISO 17294-2:2016	20	
Kobolt, Co	0.030	µg/l	0.01	DS/EN ISO 17294-2:2016	20	
Nikkel, Ni	0.80	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]eddikesyre	<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) lav LD				CEN/TS 15968:2010		
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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Dianna Andersen

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Kopimodtagere:

Guldborgsund Kommune, --

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