



TEST Reg.nr. 361

ALS Denmark A/S
Bakkegårdsvej 406 A
DK-3050 Humlebæk
Telefon: +45 4925 0770
www.alsglobal.dk

ANALYSERAPPORT

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

Udskrevet: 09-12-2022
Version: 2
Modtaget: 07-11-2022
Analyseperiode: 07-11-2022 -
29-11-2022
Ordrenr.: 741803

Sagsnavn Idestrup vv
Lokalitet: Idestrup Vandværk
Prøvested: DGU 238.574-1
Udtaget: 07.11.2022 kl. 11:50
Prøvetype: Råvand - Bek. 2361:2021, Gruppe B, Boringskontrol
Prøvetager: LAB/HHK
Kunde: Idestrup Vandværk, Kirkevej 21H, Idestrup , Att. Hans Henrik Kaare

Prøvenr.:	210244/22		
Parameter	Resultat	Enhed	Metode
Partikler i prøve efter konservering	#	Nej	-
FELTMÅLINGER:			
Prøvetagning, Boring	+	-	DS/ISO 5667-11:2009
pH ved prøvetagning	7.2	pH	DS/EN ISO 10523:2012
Temperatur ved prøvetagning	9.8	°C	-
Ledningsevne v. ptagning	88.2	mS/m	DS/EN 27888:2003
Iltindhold v. ptagning	0.1	mg/l	DS/EN ISO 5814:2012
Laboratoriets målinger:			
Mangan, Mn	0.028	mg/l	DS/EN ISO 11885:2009
Calcium, Ca++	97	mg/l	DS/EN ISO 11885:2009
Magnesium, Mg++	27	mg/l	DS/EN ISO 11885:2009
Kalium, K+	5.6	mg/l	DS/EN ISO 11885:2009
Natrium, Na+	49	mg/l	DS/EN ISO 11885:2009
Jern, Fe	1.3	mg/l	DS/EN ISO 11885:2009
Ammonium+ammoniak, NH4+	2.1	mg/l	DS/ISO 15923-1:2013+DS224:1975Mod
Nitrit, NO2-	<0.0010	mg/l	DS/ISO 15923-1:2013
Nitrat, NO3-	<0.10	mg/l	DS/ISO 15923-1:2013 + beregning
Total phosphor, P	0.061	mg/l	DS/EN ISO 6878 Del 7:2004 + DS/EN ISO 15681-2:2018
Chlorid, Cl-	66	mg/l	DS/ISO 15923-1:2013
Fluorid, F-	0.83	mg/l	DS 218:1975,MOD
Sulfat, SO4--	0.61	mg/l	DS/ISO 15923-1:2013
Hydrogencarbonat, HCO3-	470	mg/l	DS/EN ISO 9963-1:1996
Aggressiv kuldioxid, CO2	<5	mg/l	DS 236:1977
Hydrogensulfid, H2S	0.18	mg/l	DS 278:1976 + beregning
Methan, CH4	1.4	mg/l	AK129 - HS GC/FID
NVOC	3.4	mg/l	DS/EN 1484:1997+SM 5310B:2014
Arsen, As	0.048	µg/l	DS/EN ISO 17294-2:2016
Bor, B	240	µg/l	DS/EN ISO 11885:2009
Barium, Ba	130	µg/l	DS/EN ISO 17294-2:2016
Kobolt, Co	0.043	µg/l	DS/EN ISO 17294-2:2016
Nikkel, Ni	0.22	µg/l	DS/EN ISO 17294-2:2016
2,6-dichlorphenol	<0.010	µg/l	AK158 - GC/MS
Pesticider, Drikkevand grundpakke			- - GC/LC/MS
1,2,4-triazol	<0.010	µg/l	AK207 - LC/MS/MS
2,6-DCPP (2-(2,6-dichlorphenoxypropionsyre)), 2,6-dichlorprop	<0.010	µg/l	AK78 - LC/MS/MS
2,6-dichlorbenzoesyre	<0.010	µg/l	AK78 - LC/MS/MS
4-CPP, (4-Chlorprop)	<0.010	µg/l	AK78 - LC/MS/MS
Aminomethylphosphonsyre, AMPA	<0.010	µg/l	AK144 - LC/MS/MS

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Laboratoriet er akkrediteret af DANAK. Analyseresultaterne gælder kun for de(n) analyserede prøve(r).
Analyserapporten må kun gengives i sin helhed, med mindre skriftlig godkendelse foreligger
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Atrazin	<0.010	µg/l	AK78 - LC/MS/MS
2,6-Dichlorbenzamid (BAM)	<0.010	µg/l	AK78 - LC/MS/MS
Bentazon	<0.010	µg/l	AK78 - LC/MS/MS
Desphenyl-chloridazon	<0.010	µg/l	AK78 - LC/MS/MS
Imazalil	<0.010	µg/l	AK78 - LC/MS/MS
Methyl-desphenyl-chloridazon	<0.010	µg/l	AK78 - LC/MS/MS
4-nitrophenol	<0.010	µg/l	AK78 - LC/MS/MS
2,4-dichlorphenol	<0.010	µg/l	AK158 - GC/MS
Desethylatrazin	<0.010	µg/l	AK78 - LC/MS/MS
Desethyl-desisopropylatrazin (DEIA)	<0.010	µg/l	AK78 - LC/MS/MS
Desethyl-hydroxy-atrazin	<0.010	µg/l	AK78 - LC/MS/MS
Desethylterbutylazin	<0.010	µg/l	AK78 - LC/MS/MS
Desisopropylatrazin	<0.010	µg/l	AK78 - LC/MS/MS
Desisopropyl-hydroxy-atrazin	<0.010	µg/l	AK78 - LC/MS/MS
Dichlobenil	<0.010	µg/l	AK78 - GC/MS
Dichlorprop(2,4-DP)	<0.010	µg/l	AK78 - LC/MS/MS
Didealkyl-hydroxy-atrazin	<0.010	µg/l	AK78 - LC/MS/MS
ETU (Ethylenthiourea)	<0.010	µg/l	AK78 - LC/MS/MS
Glyphosat	<0.010	µg/l	AK144 - LC/MS/MS
Hexazinon	<0.010	µg/l	AK78 - LC/MS/MS
Hydroxyatrazin	<0.010	µg/l	AK78 - LC/MS/MS
Hydroxysimazin	<0.010	µg/l	AK78 - LC/MS/MS
MCPA	<0.010	µg/l	AK78 - LC/MS/MS
Mechlorprop(MCPP)	<0.010	µg/l	AK78 - LC/MS/MS
Metamitron-desamino	<0.010	µg/l	AK78 - LC/MS/MS
Simazin	<0.010	µg/l	AK78 - LC/MS/MS
TFMP	<0.010	µg/l	AK78 - LC/MS/MS
N,N-Dimethylsulfamid (DMS)	<0.010	µg/l	AK207 - LC/MS/MS
Chlorothalonilamid-sulfonsyre (R417888)	<0.0050	µg/l	AK78 - LC/MS/MS
Pesticider, DRV BEK 972:2022		-	-- LC/MS/MS
Alachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS
Dimethachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS
Dimethachlor OA (CGA 50266)	<0.010	µg/l	AK78 - LC/MS/MS
Metazachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS
Metazachlor OA	<0.010	µg/l	AK78 - LC/MS/MS
Propachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS
t-Sulfinyleddikesyre (Acetochlor SAA)	<0.010	µg/l	AK78 - LC/MS/MS
CGA 369873 (Dimethachlor metab.)	<0.010	µg/l	AK78 - LC/MS/MS
Metaldehyd	<0.010	µg/l	AK78 - LC/MS/MS
[(2,6-Dimethylphenyl)(2-sulfoacetyl)amino]eddikesyre	<0.010	µg/l	AK78 - LC/MS/MS
Monuron	<0.010	µg/l	AK78 - LC/MS/MS
PFAS-forbindelser, Vandforsyning		-	
PFOS, Perfluoroctansulfonsyre	*1	<0.10	ng/l US EPA 537, CSN P CEN/TS 15968
PFBA, Perfluorbutansyre	*1	<2.0	ng/l US EPA 537, CSN P CEN/TS 15968
PFPeA, Perfluorpentansyre	*1	<3.00	ng/l US EPA 537, CSN P CEN/TS 15968
PFHxA, Perfluorhexansyre	*1	<0.30	ng/l US EPA 537, CSN P CEN/TS 15968
PFHpA, Perfluorheptansyre	*1	<0.30	ng/l US EPA 537, CSN P CEN/TS 15968
PFDA, Perfluordecansyre	*1	<0.30	ng/l US EPA 537, CSN P CEN/TS 15968
PFBS, Perfluorbutansulfonsyre	*1	<0.30	ng/l US EPA 537, CSN P CEN/TS 15968
6:2 FTS, 1H,1H,2H,2H-Perfluoroctansulfonsyre	*1	<0.30	ng/l US EPA 537, CSN P CEN/TS 15968
PFOSA, Perfluoroctansulfonamid	*1	<0.30	ng/l US EPA 537, CSN P CEN/TS 15968
PFOA, Perfluoroctansyre	*1	<0.10	ng/l US EPA 537, CSN P CEN/TS 15968

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PFNA, Perfluoronansyre	*1	<0.10	ng/l US EPA 537, CSN P CEN/TS 15968
PFHxS, Perfluorhexansulfonsyre	*1	<0.10	ng/l US EPA 537, CSN P CEN/TS 15968
Sum af PFOA, PFOS, PFNA, PFHxS	*2	<0.20	ng/l US EPA 537, CSN P CEN/TS 15968
Sum af PFAS, 12 stoffer	*2	<3.6	ng/l US EPA 537, CSN P CEN/TS 15968
4-Bis-amido-3,5,6-trichlorobenzenesulfonat (R471811) (Nedbr. af Chlorothalonil)	#	<0.010	µg/l AK78 - LC/MS/MS
6-(tert-Butylamino)-1,3,5-triazine-2,4-diol (CGA324007, LM5, nedbr. af Terbutylazin)	#	<0.010	µg/l AK78 - LC/MS/MS
4-(tert-Butylamino)-6-hydroxy-1-methyl-1,3,5-triazin-2(1H)-one (SYN545666, LM6, nedbr. af Terbutylazin)	#	<0.010	µg/l AK78 - LC/MS/MS

Kommentar

Detektionsgrænsen for en eller flere PFAS-forbindelser er forhøjet grundet interferens.

Underleverandør

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

Helle Hornemann

Kopimodtagere:

Guldborgsund Kommune, --