



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: 02-12-2022
Version: 1
Modtaget: 07-11-2022
Analyseperiode: 07-11-2022 -
29-11-2022
Ordrenr.: 741802

Sagsnavn Idestrup vv
Lokalitet: Idestrup Vandværk
Prøvested: DGU 238.443-1
Udtaget: 07.11.2022 kl. 11:20
Prøvetype: Råvand - Bek. 2361:2021, Gruppe B, Boringskontrol
Prøvetager: LAB/HHK
Kunde: Idestrup Vandværk, Kirkevej 21H, Idestrup , Att. Hans Henrik Kaare

| Prøvenr.: | 210243/22 | | |
|---|-----------|-------|--|
| Parameter | Resultat | Enhed | Metode |
| 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 | 10.5 | °C | - |
| Ledningsevne v. ptagning | 160.8 | mS/m | DS/EN 27888:2003 |
| Iltindhold v. ptagning | 0.1 | mg/l | DS/EN ISO 5814:2012 |
| Laboratoriets målinger: | | | |
| Mangan, Mn | 0.011 | mg/l | DS/EN ISO 11885:2009 |
| Calcium, Ca++ | 99 | mg/l | DS/EN ISO 11885:2009 |
| Magnesium, Mg++ | 37 | mg/l | DS/EN ISO 11885:2009 |
| Kalium, K+ | 7.3 | mg/l | DS/EN ISO 11885:2009 |
| Natrium, Na+ | 180 | mg/l | DS/EN ISO 11885:2009 |
| Jern, Fe | 0.38 | mg/l | DS/EN ISO 11885:2009 |
| Ammonium+ammoniak, NH4+ | 3.1 | 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 | 0.023 | mg/l | DS/EN ISO 6878 Del 7:2004 + DS/EN ISO 15681-2:2018 |
| Chlorid, Cl- | 280 | mg/l | DS/ISO 15923-1:2013 |
| Fluorid, F- | 0.99 | mg/l | DS 218:1975,MOD |
| Sulfat, SO4-- | 0.60 | mg/l | DS/ISO 15923-1:2013 |
| Hydrogencarbonat, HCO3- | 500 | mg/l | DS/EN ISO 9963-1:1996 |
| Aggressiv kuldioxid, CO2 | <5 | mg/l | DS 236:1977 |
| Hydrogensulfid, H2S | 4.6 | mg/l | DS 278:1976 + beregning |
| Methan, CH4 | 2.5 | mg/l | AK129 - HS GC/FID |
| NVOC | 3.8 | mg/l | DS/EN 1484:1997+SM 5310B:2014 |
| Arsen, As | 0.068 | µg/l | DS/EN ISO 17294-2:2016 |
| Bor, B | 320 | µg/l | DS/EN ISO 11885:2009 |
| Barium, Ba | 86 | µg/l | DS/EN ISO 17294-2:2016 |
| Kobolt, Co | 0.030 | µg/l | DS/EN ISO 17294-2:2016 |
| Nikkel, Ni | 2.0 | 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 |

side 1 af 3

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
Oplysninger om målesikkerhed findes på www.alsglobal.dk

Tegnforklaring:
#: Ikke akkrediteret i.p.: Ikke påvist
<: mindre end >: Større end



TEST Reg.nr. 361

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

ANALYSERAPPORT

| Prøvenr.: | 210243/22 | | |
|--|-----------|-------|-------------------------------------|
| Parameter | Resultat | Enhed | Metode |
| 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 |

side 2 af 3

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.
Oplysninger om målesikkerhed findes på www.alsglobal.dk

Tegnforklaring:
#: Ikke akkrediteret i.p.: Ikke påvist
<: mindre end >: Større end



TEST Reg.nr. 361

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

ANALYSERAPPORT

| Prøvenr.: | 210243/22 | | |
|---|-----------|--------|-------------------------------------|
| Parameter | Resultat | Enhed | Metode |
| 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.
Kommentar tilføjet.
Denne rapport erstatter version 1.

Underleverandør

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

Helle Hornemann

Kopimodtagere:

Guldborgsund Kommune, --