



TEST Reg.nr. 361

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

ANALYSERAPPORT

Magleby Vandværk
Klintholm Havnevej 26
4791 Borre
Att.: Resultater

Udskrevet: 14-06-2023
Version: 1
Modtaget: 23-05-2023
Analyseperiode: 23-05-2023 -
14-06-2023
Ordrenr.: 781825

Sagsnavn: Magleby vv
Lokalitet: Magleby Vandværk
Prøvested: DGU 228.70, 4791 Borre
Udtaget: 22.05.2023 kl. 09:45
Prøvetype: Råvand - Bek. 507:2023, Gruppe B, Boringskontrol
Prøvetager: LAB/HHK
Kunde: Magleby Vandværk, Klintholm Havnevej 26, 4791 Borre, Att. Resultater

| Prøvenr.: | 82760/23 | | | |
|--|----------|-------|--|--|
| 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 | 10.4 | °C | - | |
| Ledningsevne v. ptagning | 82.6 | mS/m | DS/EN 27888:2003 | |
| Iltindhold v. ptagning | 0.1 | mg/l | DS/EN ISO 5814:2012 | |
| Laboratoriets målinger: | | | | |
| Mangan, Mn | 0.0043 | mg/l | DS/EN ISO 11885:2009 | |
| Calcium, Ca++ | 87 | mg/l | DS/EN ISO 11885:2009 | |
| Magnesium, Mg++ | 27 | mg/l | DS/EN ISO 11885:2009 | |
| Kalium, K+ | 5.7 | mg/l | DS/EN ISO 11885:2009 | |
| Natrium, Na+ | 41 | mg/l | DS/EN ISO 11885:2009 | |
| Jern, Fe | 2.4 | mg/l | DS/EN ISO 11885:2009 | |
| Ammonium+ammoniak, NH4+ | 3.0 | 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 | 0.0090 | mg/l | DS/EN ISO 6878 Del 7:2004 + DS/EN ISO 15681-2:2018 | |
| Chlorid, Cl- | 50 | mg/l | DS/ISO 15923-1:2013 | |
| Fluorid, F- | 1.3 | mg/l | DS 218:1975,MOD | |
| Sulfat, SO4-- | 0.81 | mg/l | DS/ISO 15923-1:2013 | |
| Hydrogencarbonat, HCO3- | 450 | mg/l | DS/EN ISO 9963-1:1996 | |
| Aggressiv kuldioxid, CO2 | <5 | mg/l | DS 236:1977 | |
| Hydrogensulfid, H2S | 0.96 | mg/l | DS 278:1976 + beregning | |
| Methan, CH4 | 9.3 | mg/l | AK129 - HS GC/FID | |
| NVOC | 2.2 | mg/l | DS/EN 1484:1997+SM 5310B:2014 | |
| Arsen, As | 0.20 | µg/l | DS/EN ISO 17294-2:2016 | |
| Bor, B | 210 | µg/l | DS/EN ISO 11885:2009 | |
| Barium, Ba | 290 | µg/l | DS/EN ISO 17294-2:2016 | |
| Kobolt, Co | 0.042 | µg/l | DS/EN ISO 17294-2:2016 | |
| Nikkel, Ni | 5.3 | µg/l | DS/EN ISO 17294-2:2016 | |
| Strontium, Sr | 7900 | µg/l | DS/EN ISO 17294-2:2016 | |
| 2,6-dichlorphenol | <0.010 | µg/l | AK158 - GC/MS | |
| Pesticider, Drikkevand grundpakke LC/MS | | | -- LC/MS/MS | |
| Pesticider, Drikkevand grundpakke GC/MS | | | -- GC/MS | |
| 1,2,4-triazol | <0.010 | µg/l | AK207 - LC/MS/MS | |

side 1 af 4

Laboratoriet er akkrediteret af DANAK. Analyseresultaterne gælder kun for de(n) analyserede prøve(r).
Analyserapporten må kun gengives i sin helhed, medmindre skriftlig godkendelse foreligger
Oplysninger om måleusikkerhed findes på www.alsglobal.dk

Tegnforklaring, Resultat:
i.p.: Ikke påvist, -: analysen er ikke udført
i rapporten betyder ikke akkrediteret



TEST Reg.nr. 361

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

ANALYSERAPPORT

| Prøvenr.: | 82760/23 | | |
|--|----------|-------|-------------------------------------|
| Parameter | Resultat | Enhed | Metode |
| 2,6-DCPP (2-(2,6-dichlorphenoxypropionsyre)), 2,6-dichlorprop 4-CPP, (4-Chlorprop) | <0.010 | µg/l | AK78 - LC/MS/MS |
| Aminomethylphosphonsyre, AMPA | <0.010 | µg/l | AK144 - LC/MS/MS |
| 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 |
| 2,6-dichlorbenzoesyre | <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 |
| Desethyldeisopropylatrazin (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 |
| Diuron | <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 507:2023 | | - | -- 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 22 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 | <6.00 | 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 |

side 2 af 4

Laboratoriet er akkrediteret af DANAK. Analyseresultaterne gælder kun for de(n) analyserede prøve(r).
Analyserapporten må kun gengives i sin helhed, medmindre skriftlig godkendelse foreligger
Oplysninger om måleusikkerhed findes på www.alsglobal.dk

Tegnforklaring, Resultat:
i.p.: Ikke påvist, -: analysen er ikke udført
i rapporten betyder ikke akkrediteret



TEST Reg.nr. 361

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

ANALYSERAPPORT

| Prøvenr.: | 82760/23 | | |
|---|----------|-------|--------------------------------|
| Parameter | Resultat | Enhed | Metode |
| PFUnDA, Perfluorundecansyre | *1 <0.30 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| PFDoDA, Perfluordodecansyre | *1 <0.30 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| PFTTrDA, Perfluortridecansyre | *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 |
| PFPeS, Perfluorpentansulfonsyre | *1 <0.30 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| PFHpS, Perfluorheptansulfonsyre | *1 <0.30 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| PFNS, Perfluoronansulfonsyre | *1 <0.30 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| PFDS, Perfluordecansulfonsyre | *1 <0.30 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| PFDoDS, Perfluordodecansulfonsyre | *1 <0.30 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| 6:2 FTS, 1H,1H,2H,2H-Perfluorooctansulfonsyre | *1 <0.30 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| PFOSA, Perfluorooctansulfonamid | *1 <0.30 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| PFUnDS, Perfluorundecansulfonsyre | *1 <1.0 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| PFTTrDS, Perfluortridecansulfonsyre | *1 <1.0 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| PFOA, Perfluorooctansyre | *1 <0.10 | ng/l | US EPA 537, CSN P CEN/TS 15968 |
| 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, 22 stoffer | *2 <7.30 | 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



DANAK
TEST Reg.nr. 361

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

ANALYSERAPPORT

Camilla Højsted

Kopimodtagere:

Teknisk forvaltning Vordingborg Kommune, Valdermarsgade 43, 4760 Vordingborg