



TEST Reg.nr. 361

ALS Denmark A/S
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ANALYSERAPPORT

Hammer og Omegns Vandværk A.m.b.a.
Byvej 25
4700 Næstved
Att.: David Exner

Udskrevet: 21-09-2020
Version: 1
Modtaget: 07-09-2020
Analyseperiode: 07-09-2020 -
21-09-2020
Ordrenr.: 594838

Sagsnavn Hammer og Omegns Vandværk
Lokalitet: Hammer og Omegns Vandværk
Prøvested: DGU 222.356-1, 4700
Udtaget: 07.09.2020 kl. 12:10
Prøvetype: Drikkevand - Bek. 1070:2019, Boringskontrol + Enkeltparametre +
Prøvetager: LAB/HHK
Kunde: Hammer og Omegns Vandværk A.m.b.a., Byvej 25, 4700 Næstved, Att. David Exner

| Prøvenr.: | 185579/20 | | | | |
|--|-----------|-------|-------|---------------------------------|----------|
| 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 | 9.7 | °C | - | - | - |
| Ledningsevne v. ptagning | 61.3 | mS/m | 1 | DS/EN 27888:2003 | 3 |
| Iltindhold v. ptagning | 0.0 | mg/l | 0.1 | DS/EN ISO 5814:2012 | - |
| Laboratoriets målinger: | | | | | |
| Fluorid, F- | - | mg/l | 0.03 | DS/EN ISO 10304-1:2009 | 15 |
| Mangan, Mn | 0.01 | mg/l | 0.001 | DS/EN ISO 11885:2009 | 10 |
| Calcium, Ca++ | 84 | mg/l | 0.5 | DS/EN ISO 11885:2009 | 10 |
| Magnesium, Mg++ | 16 | mg/l | 0.3 | DS/EN ISO 11885:2009 | 10 |
| Kalium, K+ | 2.9 | mg/l | 0.05 | DS/EN ISO 11885:2009 | 10 |
| Natrium, Na+ | 22 | mg/l | 0.1 | DS/EN ISO 11885:2009 | 10 |
| Jern, Fe | 1.3 | mg/l | 0.01 | DS/EN ISO 11885:2009 | 10 |
| Ammonium+ammoniak, NH4+ | 1.1 | mg/l | 0.004 | SM 17udg. 4500-NH3 | 15 |
| Nitrit, NO2- | <0.001 | 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 | 0.01 | mg/l | 0.003 | DS/EN ISO 6878:2004 Del 7 | 15 |
| Chlorid, Cl- | 25 | mg/l | 0.5 | DS/ISO 15923-1:2013 | 15 |
| Fluorid, F- | 0.76 | mg/l | 0.03 | DS 218:1975,MOD | 15 |
| Sulfat, SO4-- | 0.53 | mg/l | 0.5 | DS/ISO 15923-1:2013 | 15 |
| Hydrogencarbonat, HCO3- | 390 | mg/l | 3 | DS/EN ISO 9963-1:1996 | 15 |
| Aggressiv kuldioxid, CO2 | <5 | mg/l | 2 | DS 236:1977 | 15 |
| Hydrogensulfid, H2S | 0.08 | mg/l | 0.02 | DS 278:1977 | 15 |
| Methan, CH4 | 0.40 | mg/l | 0.01 | AK129 - HS GC/FID | 20 |
| NVOC | 3.2 | mg/l | 0.1 | DS/EN 1484:1997+SM 5310B:2014 | 15 |
| Arsen, As | 2.2 | µg/l | 0.03 | DS/EN ISO 17294-2:2016 | 10 |
| Bor, B | 120 | µg/l | 10 | DS/EN ISO 11885:2009 | 20 |
| Barium, Ba | 490 | µg/l | 0.03 | DS/EN ISO 17294-2:2016 | 10 |
| Kobolt, Co | 0.038 | µg/l | 0.01 | DS/EN ISO 17294-2:2016 | 15 |
| Nikkel, Ni | 0.049 | µg/l | 0.03 | DS/EN ISO 17294-2:2016 | 10 |
| 2,4-dichlorphenol | <0.010 | µg/l | 0.010 | AK158 - GC/MS | 30 |
| 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-Dichlorprop (2,6-DCPP) | <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 |
| Aminomethylphosphorsyre, 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 |
| Methyl-desphenyl-chloridazon | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| 4-nitrophenol | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Desethylatrazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |

side 1

Laboratoriet er akkrediteret af DANAK. Analyseresultaterne gælder kun for den analyserede prøve. Analyserapporten må kun gengives i sin helhed, medmindre skriftlig godkendelse foreligger.

Tegnforklaring:

<: mindre end

#: Ikke akkrediteret

>: Større end

i.p.: ikke påvist

DL: Detektionsgrænse

Urel: Den relative målesikkerhed



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|---------------------------------------|-----------|-------|-------|------------------|----------|
| Parameter | Resultat | Enhed | DL | Metode | Urel (%) |
| Desethyl-desisopropylatrazin | <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 (Ethylenthiourea) | <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 |
| Simazin | <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 1070: 2019 | - | - | - | - 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 |

Kommentar

Grundet nedbrud på apparatet har laboratoriet været nødt til at skifte analysemetode for fluorid fra DS/EN ISO 10304-1:2009 til DS218:1975, MOD.

Camilla Højsted

side 2

Laboratoriet er akkrediteret af DANAK. Analyseresultaterne gælder kun for den analyserede prøve. Analyserapporten må kun gengives i sin helhed, medmindre skriftlig godkendelse foreligger.

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