

ANALYSERAPPORT 373593

Gjesing-Svinsager Vandværk

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Sagsnr:
Rekv. nr:
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Bilag:

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|-----------------------|--|------------------------------|-------------------------------------|
| LAB nr: | 20-09023, Prøve nr. 431691 | Prøvetager: | TM, AnalyTech Miljølaboratorium A/S |
| Prøvemærkning: | Taphane prøve udtaget afg. vv | Prøvetagningsmetode: | M-0061 DS/ISO 5667 |
| Prøvetype: | Drikkevandskontrol, afgang vandværk - Gruppe A parametre | Prøvetagningsperiode: | 20.04.2020 13:57 - 20.04.2020 14:06 |
| Prøvested: | Gjesing-Svinsager VV Gjesing - Jupiter 80208 | Prøvetagningssted: | Afgang vandværk |
| Grænseværdier: | Miljøministeriet, BEK nr. 1070 d. 28.10.2019 | Analyseperiode: | 20.04.2020 - 06.05.2020 |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|---------------------|------------------------|-----|-----|---------|-------|------------------------------|--------|
| Smag | Normal | - | - | | | *Organoleptisk | - |
| Lugt | Ingen | - | - | | | *Organoleptisk | - |
| pH | 7.7 pH | 7 | 8.5 | | 0.05 | M-0010 DS/EN/ISO 10523:2012 | 10% |
| Temperatur | 11.8 °C | - | - | | 0.1 | TERMOMETER | 10% |
| Ledningsevne | 53 mS/m | - | 250 | | 0.5 | M-0009 DS 27888:2003 | 10% |
| Kimtal 22°C | <1 pr. mL | - | 200 | | 1 | M-0030 DS/EN ISO6222 | Ig0.15 |
| Coliforme bakterier | <1 pr. 100mL | - | <1 | | 1 | M-0032 Coillert | Ig0.25 |
| E. Coli | <1 pr. 100mL | - | <1 | | 1 | M-0032 Coillert | Ig0.25 |
| Farve Pt | 7 mg/L | - | 15 | | 1 | M-0007 DS/EN ISO 7887 | 10% |
| Turbiditet | 0.15 FTU | - | 1 | | 0.05 | M-0011 DS/EN ISO 7027-1:2016 | 10% |
| Jern | 0.031 mg/L | - | 0.2 | | 0.002 | M-0139 RefM018/ICP | 10% |

Bemærkninger:

Der er ikke fundet resultater uden for de anførte min- og maxgrænser.

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|-----------------------|--|------------------------------|-------------------------------------|
| LAB nr: | 20-09024, Prøve nr. 431693 | Prøvetager: | TM, AnalyTech Miljølaboratorium A/S |
| Prøvemærkning: | Taphane prøve udtaget afg. vv | Prøvetagningsmetode: | M-0061 DS/ISO 5667 |
| Prøvetype: | Drikkevandskontrol, afgang vandværk - Gruppe B parametre | Prøvetagningsperiode: | 20.04.2020 13:57 - 20.04.2020 14:06 |
| Prøvested: | Gjesing-Svinsager VV Gjesing - Jupiter 80208 | Prøvetagningssted: | Afgang vandværk |
| Grænseværdier: | Miljøministeriet, BEK nr. 1070 d. 28.10.2019 | Analyseperiode: | 20.04.2020 - 06.05.2020 |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|------------------|------------------------|-----|------|---------|-------|----------------------|--------|
| NVOC | 1.8 mg/L | - | 4 | | 0.1 | M-0097 DS/EN 1484 | 10% |
| Natrium | 16.4 mg/L | - | 175 | | 0.06 | M-0139 RefM018/ICP | 10% |
| Ammonium | <0.02 mg/L | - | 0.05 | | 0.02 | M-0014 DS 224 | 10% |
| Mangan | <0.001 mg/L | - | 0.05 | | 0.001 | M-0139 RefM018/ICP | 10% |
| Klorid | 18 mg/L | - | 250 | | 0.5 | M-0018.DS/ENISO10304 | 10% |
| Sulfat | 29 mg/L | - | 250 | | 0.5 | M-0018 DS/ENISO10304 | 10% |
| Nitrat | 0.7 mg/L | - | 50 | | 0.5 | M-0018 DS/ENISO10304 | 10% |
| Fluorid | 0.20 mg/L | - | 1.5 | | 0.05 | M-0018 DS/ENISO10304 | 10% |
| Nitrit | 0.002 mg/L | - | 0.01 | | 0.001 | M-0015 DS 222 | 10% |
| Enterokokker | <1 pr. 100mL | - | <1 | | 1 | M-0135 ISO 7899-2 | Ig0.11 |

Bemærkninger:

Der er ikke fundet resultater uden for de anførte min- og maxgrænser.

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|-----------------------|---|------------------------------|-------------------------------------|
| LAB nr: | 20-09025, Prøve nr. 431689 | Prøvetager: | TM, AnalyTech Miljølaboratorium A/S |
| Prøvemærkning: | Taphane prøve udtaget afg. vv | Prøvetagningsmetode: | M-0061 DS/ISO 5667 |
| Prøvetype: | Drikkevandskontrol, afgang vandværk - VOC-kontrol | Prøvetagningsperiode: | 20.04.2020 13:57 - 20.04.2020 14:06 |
| Prøvested: | Gjesing-Svinsager VV Gjesing - Jupiter 80208 | Prøvetagningssted: | Afgang vandværk |
| Grænseværdier: | Miljøministeriet, BEK nr. 1070 d. 28.10.2019 | Analyseperiode: | 20.04.2020 - 06.05.2020 |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|-------------------------|------------|-----|-----|---------|------|------------------|-----|
| Chloroform | <0.02 µg/L | - | 1 | | 0.02 | M-0131 GC-MS | 20% |
| Dichlormethan | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| 1.2-Dichlorethan | <0.02 µg/L | - | 1 | | 0.02 | M-0131 GC-MS | 20% |
| Trichlorethen | <0.02 µg/L | - | 1 | | 0.02 | M-0131 GC-MS | 20% |
| Tetrachlorethen | <0.02 µg/L | - | 1 | | 0.02 | M-0131 GC-MS | 20% |
| 1.1-Dichlorethylen | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| Cis-1.2-Dichlorethen | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| Trans-1.2-Dichlorethen | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| 1.1.1-Trichlorethan | <0.02 µg/L | - | 1 | | 0.02 | M-0131 GC-MS | 20% |
| 1.1.2-Trichlorethan | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| 1.1.1.2-Tetrachlorethan | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| 1.1.2.2-Tetrachlorethan | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| Benzen | <0.02 µg/L | - | 1 | | 0.02 | M-0131 GC-MS | 20% |
| Toluen | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| Ethylbenzen | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| o-xylen | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| m+p-xylen | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| Napthalen | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |
| Acrylamid | <0.02 µg/L | - | 0.1 | | 0.02 | M-0203 LC-MS-MS | 30% |
| Epichlorhydrin | <0.05 µg/L | - | 0.1 | | 0.05 | M-0206 GC-MS | 20% |
| Vinylchlorid | <0.02 µg/L | - | 0.5 | | 0.02 | M-0131 GC-MS | 20% |

Bemærkninger:

Der er ikke fundet resultater uden for de anførte min- og maxgrænser.

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|-----------------------|---|------------------------------|-------------------------------------|
| LAB nr: | 20-09026, Prøve nr. 431694 | Prøvetager: | TM, AnalyTech Miljølaboratorium A/S |
| Prøvemærkning: | Taphane prøve udtaget afg. vv | Prøvetagningsmetode: | M-0061 DS/ISO 5667 |
| Prøvetype: | Drikkevandskontrol, afgang vandværk - PFAS og PAH | Prøvetagningsperiode: | 20.04.2020 13:57 - 20.04.2020 14:06 |
| Prøvested: | Gjesing-Svinsager VV Gjesing - Jupiter 80208 | Prøvetagningssted: | Afgang vandværk |
| Grænseværdier: | Miljøministeriet, BEK nr. 1070 d. 28.10.2019 | Analyseperiode: | 20.04.2020 - 06.05.2020 |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|--------------------------------------|-----------------------|-----|------|---------|-------|-----------------------|-----|
| Fluoranthen | <0.001 µg/L | - | 0.1 | | 0.001 | M-0207 RefM060/GC-MS | 30% |
| Benz(a)pyren | <0.001 µg/L | - | 0.01 | | 0.001 | M-0207 RefM060/GC-MS | 30% |
| Benz(ghi)perylene | <0.001 µg/L | - | - | | 0.001 | M-0207 RefM060/GC-MS | 30% |
| Indeno(1.2.3-cd)pyren | <0.001 µg/L | - | - | | 0.001 | M-0207 RefM060/GC-MS | 30% |
| Benz(b+j+k)fluoranthen | <0.002 µg/L | - | - | | 0.002 | M-0207 RefM060/GC-MS | 30% |
| PAH Sum(5) | Ej påvist µg/L | - | - | | | M-0207 RefM060/GC-MS | 30% |
| Perfluoroktansyre (PFOA) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| Perfluorktansulfonat (PFOS) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| Perfluorbutansulfonat (PFBS) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| Perfluorheptansyre (PFHpA) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| Perfluorhexansulfonat (PFHxS) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| Perfluorhexansyre (PFHxA) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| Perfluorononansyre (PFNA) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| Perfluoroktansulfonamid (PFOSA) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| Perfluorbutansyre (PFBA) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| Perfluorpentansyre (PFPeA) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| Perfluordecansyre (PFDA) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| 6:2 fluortelomersulfonsyre (6:2 FTS) | <0.001 µg/L | - | - | | 0.001 | M-0201 - DIN 38407-42 | 30% |
| PFAS Sum (12) | <0.001 µg/L | - | 0.1 | | 0.001 | M-0201 - DIN 38407-42 | 30% |

Bemærkninger:

Der er ikke fundet resultater uden for de anførte min- og maxgrænser.

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|-----------------------|---|------------------------------|-------------------------------------|
| LAB nr: | 20-09027, Prøve nr. 431696 | Prøvetager: | TM, AnalyTech Miljølaboratorium A/S |
| Prøvemærkning: | Taphane prøve udtaget afg. vv - Inkl. PCP | Prøvetagningsmetode: | M-0061 DS/ISO 5667 |
| Prøvetype: | Drikkevandskontrol, afgang vandværk - Pesticidkontrol | Prøvetagningsperiode: | 20.04.2020 13:57 - 20.04.2020 14:06 |
| Prøvested: | Gjesing-Svinsager VV Gjesing - Jupiter 80208 | Prøvetagningssted: | Afgang vandværk |
| Grænseværdier: | Miljøministeriet, BEK nr. 1070 d. 28.10.2019 | Analyseperiode: | 20.04.2020 - 06.05.2020 |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|-------------------------------------|-------------|-----|------|---------|-------|------------------|-----|
| Pentachlorphenol | <0.01 µg/L | - | 0.01 | | 0.01 | M-0165 LC-MS-MS | 30% |
| 2.4 D | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| Atrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Bentazon | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| Dichlobenil | <0.01 µg/L | - | 0.1 | | 0.01 | M-0100 GC-MS | 10% |
| Dichlorprop | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| Diuron | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| ETU (Ethylenthiourea) | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Glyphosat | <0.01 µg/L | - | 0.1 | | 0.01 | M-0166 LC-MS-MS | 20% |
| Hexazinon | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| MCPA | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Mechlorprop | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Metribuzin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Simazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| 2.6-Dichlorbenzoesyre | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| 2.4-Dichlorphenol | <0.01 µg/L | - | 0.1 | | 0.01 | M-0100 LC-MS | 15% |
| 2.6-Dichlorphenol | <0.01 µg/L | - | 0.1 | | 0.01 | M-0100 LC-MS | 10% |
| 4-CPP | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| 2.6-DCPP | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| 4-nitrophenol | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| AMPA | <0.01 µg/L | - | 0.1 | | 0.01 | M-0166 LC-MS-MS | 20% |
| BAM (2.6-dichlorbenzamid) | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| Desethyl-desisopropylatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Desethylhydroxyatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Desethylatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Desethylterbutylazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Desisopropylatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Desisopropylhydroxyatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Didealkylhydroxyatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Hydroxyatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Hydroxysimazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Metribuzin-desamino-deketo | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Metribuzin-diketo | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Metribuzin-desamino | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Metalaxyl/Metalaxyl-M | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| CGA62826 | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| CGA108906 | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Chloridazon | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Desphenyl-chloridazon | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Methyl-desphenyl-chloridazon | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Aldrin | <0.01 µg/L | - | 0.03 | | 0.01 | M-0208 GC-MS | 30% |
| Dieldrin | <0.01 µg/L | - | 0.03 | | 0.01 | M-0208 GC-MS | 30% |
| Heptachlor | <0.01 µg/L | - | 0.03 | | 0.01 | M-0208 GC-MS | 30% |
| Heptachlorepoxyd (sum af cis+trans) | <0.01 µg/L | - | 0.03 | | 0.01 | M-0208 GC-MS | 30% |
| 1.2.4-Triazol | <0.01 µg/L | - | 0.1 | | 0.01 | M-0205 LC-MS-MS | 20% |
| N,N-Dimethylsulfamid (DMS) | <0.01 µg/L | - | 0.1 | | 0.01 | M-0204 LC-MS/MS | 30% |
| Chlorothalonil-amidsulfonsyre | <0.002 µg/L | - | 0.1 | | 0.002 | M-0211 LC-MS/MS | 30% |
| Alachlor ESA | <0.01 µg/L | - | 0.1 | | 0.01 | *M-0212 LC-MS-MS | 30% |
| Dimethachlor ESA | <0.01 µg/L | - | 0.1 | | 0.01 | *M-0212 LC-MS-MS | 30% |
| Dimethachlor OA | <0.02 µg/L | - | 0.1 | | 0.02 | *M-0212 LC-MS-MS | 30% |
| Metazachlor ESA | <0.01 µg/L | - | 0.1 | | 0.01 | *M-0212 LC-MS-MS | 30% |
| Metazachlor OA | <0.01 µg/L | - | 0.1 | | 0.01 | *M-0212 LC-MS-MS | 30% |
| Propachlor ESA | <0.01 µg/L | - | 0.1 | | 0.01 | *M-0212 LC-MS-MS | 30% |

