

ANALYSERAPPORT 293711

Onsild Vandværk A.m.b.a

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 Lars Christensen

Version: 1
Sagsnr:
Rekv. nr:
Genereret: 07.12.2017
Bilag:

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|-----------------------|--|------------------------------|--------------------------------------|
| LAB nr: | 17-24203, Prøve nr. 320286 | Prøvetager: | MLV, AnalyTech Miljølaboratorium A/S |
| Prøvemærkning: | | Prøvetagningsmetode: | M-0061 DS/ISO 5667 |
| Prøvetype: | Drikkevandskontrol, vandværk - Udvidet kontrol | Prøvetagningsperiode: | 24.11.2017 10:46 - 24.11.2017 10:56 |
| Prøvested: | Onsild Vandværk A.m.b.a. | Prøvetagningssted: | Afgang vandværk |
| Grænseværdier: | Miljøstyrelsen, BEK nr. 802 d. 01.06.2016 | Analyseperiode: | 24.11.2017 - 07.12.2017 |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|-----------------------------|------------------------|-----|------|------------|-------|----------------------|-------|
| Farve Pt | 2 mg/L | - | 5 | | 1 | M-0007 DS 289 | 10% |
| Turbiditet | 0.1 FTU | - | 0.3 | | 0.1 | M-0011 DS 290 | 10% |
| Lugt | Ingen | - | - | | | *Organoleptisk | - |
| Smag | Ingen | - | - | | | *Organoleptisk | - |
| Temperatur | 8.7 °C | - | - | | 0.1 | TERMOMETER | 10% |
| pH | 7.8 pH | 7 | 8.5 | | 0.05 | M-0010 DS 287 | 10% |
| Ledningsevne | 39 mS/m | 30 | - | | 0.5 | M-0009 DS 288 | 10% |
| Ilt | 11.4 mg/L | 5 | - | | 0.1 | M-0064 DS/EN 25814 | 10% |
| NVOC | 0.9 mg/L | - | 4 | | 0.1 | M-0097 DS/EN 1484 | 10% |
| Inddampningsrest | 280 mg/L | - | 1500 | | 20 | M-0008 DS 204 | 10% |
| Calcium | 54.6 mg/L | - | 200 | | 0.007 | M-0139 RefM018/ICP | 10% |
| Magnesium | 4.91 mg/L | - | 50 | | 0.001 | M-0139 RefM018/ICP | 10% |
| Hårdhed | 8.77 °dH | 5 | 30 | | 0.05 | Beregning | 10% |
| Natrium | 16.7 mg/L | - | 175 | | 0.06 | M-0139 RefM018/ICP | 10% |
| Kalium | 2.31 mg/L | - | 10 | | 0.05 | M-0139 RefM018/ICP | 10% |
| Ammonium | <0.02 mg/L | - | 0.05 | | 0.02 | M-0014 DS 224 | 10% |
| Jern | 0.007 mg/L | - | 0.1 | | 0.002 | M-0139 RefM018/ICP | 10% |
| Mangan | <0.001 mg/L | - | 0.02 | | 0.001 | M-0139 RefM018/ICP | 10% |
| Bicarbonat HCO ₃ | 172 mg/L | 100 | - | | 0.5 | M-0006 DS 256 | 10% |
| Klorid | 25 mg/L | - | 250 | | 0.5 | M-0018.DS/ENISO10304 | 10% |
| Sulfat | 24 mg/L | - | - | | 0.5 | M-0018 DS/ENISO10304 | 10% |
| Nitrat | 0.5 mg/L | - | 50 | | 0.5 | M-0018 DS/ENISO10304 | 10% |
| Nitrit | 0.011 mg/L | - | 0.01 | MAX | 0.001 | M-0015 DS 222 | 10% |
| Total-P | 0.02 mg/L | - | 0.15 | | 0.01 | M-0020 DS 292 | 10% |
| Fluorid | 0.2 mg/L | - | 1.5 | | 0.1 | M-0018 DS/ENISO10304 | 10% |
| Aggressiv CO ₂ | <2 mg/L | - | 2 | | 2 | M-0004 DS 236 | 10% |
| Coliforme bakterier | <1 pr. 100mL | - | <1 | | 1 | M-0032 Collert | Ig0.3 |
| E. Coli | <1 pr. 100mL | - | <1 | | 1 | M-0032 Collert | Ig0.3 |
| Kimtal 37°C | <1 pr. mL | - | 5 | | 1 | M-0030 DS/EN ISO6222 | Ig0.3 |
| Kimtal 22°C | <1 pr. mL | - | 50 | | 1 | M-0030 DS/EN ISO6222 | Ig0.3 |

Bemærkninger:

Der er fundet 1 resultat uden for de anførte min- og maxgrænser.

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|-----------------------|--|------------------------------|--------------------------------------|
| LAB nr: | 17-24205, Prøve nr. 320292 | Prøvetager: | MLV, AnalyTech Miljølaboratorium A/S |
| Prøvemærkning: | | Prøvetagningsmetode: | M-0061 DS/ISO 5667 |
| Prøvetype: | Drikkevandskontrol, vandværk - Pesticidkontrol | Prøvetagningsperiode: | 24.11.2017 10:46 - 24.11.2017 10:56 |
| Prøvested: | Onsild Vandværk A.m.b.a. | Prøvetagningssted: | Afgang vandværk |
| Grænseværdier: | Miljøstyrelsen, BEK nr. 802 d. 01.06.2016 | Analyseperiode: | 24.11.2017 - 07.12.2017 |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|------------------------------|------------|-----|-----|---------|------|------------------|-----|
| 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% |
| Metalaxyl/Metalaxyl-M | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| 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% |
| 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% |
| 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% |
| 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% |

Bemærkninger:

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

| | | | |
|-----------------------|--|------------------------------|--------------------------------------|
| LAB nr: | 17-24206, Prøve nr. 320293 | Prøvetager: | MLV, AnalyTech Miljølaboratorium A/S |
| Prøvemærkning: | | Prøvetagningsmetode: | M-0061 DS/ISO 5667 |
| Prøvetype: | Drikkevandskontrol, vandværk - VOC-kontrol | Prøvetagningsperiode: | 24.11.2017 10:46 - 24.11.2017 10:56 |
| Prøvested: | Onsild Vandværk A.m.b.a. | Prøvetagningssted: | Afgang vandværk |
| Grænseværdier: | Miljøstyrelsen, BEK nr. 802 d. 01.06.2016 | Analyseperiode: | 24.11.2017 - 07.12.2017 |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|----------------------|------------|-----|-----|---------|------|------------------|-----|
| Cis-1.2-Dichlorethen | <0.02 µg/L | - | - | | 0.02 | *M-0131 GC-MS | 20% |
| Chloroform | <0.02 µg/L | - | 1 | | 0.02 | M-0131 GC-MS | 20% |
| 1.1.1-Trichlorethan | <0.02 µg/L | - | 1 | | 0.02 | M-0131 GC-MS | 20% |
| Tetrachlormethan | <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% |
| 1.2-Dichlorethan | <0.02 µg/L | - | 1 | | 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% |
| Naphtalen | <0.02 µg/L | - | - | | 0.02 | M-0131 GC-MS | 20% |

Bemærkninger:

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

Rekvirent: Onsild Vandværk A.m.b.a
Kopi: Danmarks Miljøportal, Sundhedsstyrelsen Nord, Mariagerfjord Kommune, vedr. VV

Nørresundby d. 07.12.2017

Forklaring:

D.L.: Detektionsgrænse <: Mindre end *: Ikke omfattet af akkrediteringen
+/-: Total ekspanderet usikkerhed (2x total RSD%) >: Større end



Sven-Erik Lykke, laboratorichef

Analyserapporten må kun gengives i uddrag, hvis den enten er offentlig tilgængelig, eller hvis laboratoriet har godkendt uddraget.
Resultaterne gælder udelukkende for de analyserede prøver.

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