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TEST Reg.nr. 401

# ANALYSERAPPORT 373877

**Version:** 1
**Sagsnr:**
**Rekv. nr:**
**Genereret:** 30.09.2020
**Bilag:**

**Løvel Vandværk**
Haurisvej 11B
8830 Tjele
Kim S. Jakobsen

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|---|---|---|---|
| **LAB nr:** | 20-25492, Prøve nr. 432034 | **Prøvetager:** | CNM, AnalyTech Miljølaboratorium A/S |
| **Prøvemærkning:** | | **Prøvetagningsmetode:** | M-0061 DS/ISO 5667 |
| **Prøvetype:** | Råvandskontrol - Boringskontrol | **Prøvetagningsperiode:** | 17.09.2020 10:20 - 17.09.2020 10:29 |
| **Prøvested:** | Løvel VV DGU 56.852 | **Prøvetagningssted:** | |
| **Grænseværdier:** | Miljøministeriet, BEK nr. 1070 d. 28.10.2019 | **Analyseperiode:** | 17.09.2020 - 30.09.2020 |

| Analyseparameter | Resultat | | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|---|---|---|---|---|---|---|---|---|
| Temperatur | **8.2** | °C | - | - | | 0.1 | TERMOMETER | 10% |
| pH | **7.6** | pH | 7 | 8.5 | | 0.05 | M-0010 DS/EN/ISO 10523:2012 | 10% |
| Ledningsevne | **35** | mS/m | - | 250 | | 0.5 | M-0009 DS 27888:2003 | 10% |
| Ilt | **0.4** | mg/L | 5 | - | **MIN** | 0.1 | M-0064 DS/EN/ISO 5814:2012 | 10% |
| NVOC | **0.6** | mg/L | - | 4 | | 0.1 | M-0097 DS/EN 1484 | 10% |
| Calcium | **58.0** | mg/L | - | 200 | | 0.007 | M-0139 RefM018/ICP | 10% |
| Magnesium | **2.63** | mg/L | - | 50 | | 0.001 | M-0139 RefM018/ICP | 10% |
| Hårdhed | **8.72** | °dH | 5 | 30 | | 0.05 | Beregning | 10% |
| Natrium | **12.6** | mg/L | - | 175 | | 0.06 | M-0139 RefM018/ICP | 10% |
| Kalium | **1.44** | mg/L | - | 10 | | 0.05 | M-0139 RefM018/ICP | 10% |
| Ammonium | **0.04** | mg/L | - | 0.05 | | 0.02 | M-0014 DS 224 | 10% |
| Jern | **0.958** | mg/L | - | 0.2 | **MAX** | 0.002 | M-0139 RefM018/ICP | 10% |
| Mangan | **0.131** | mg/L | - | 0.05 | **MAX** | 0.001 | M-0139 RefM018/ICP | 10% |
| Bicarbonat HCO3 | **114** | mg/L | 100 | - | | 0.5 | M-0006 DS 256 | 10% |
| Klorid | **29** | mg/L | - | 250 | | 0.5 | M-0018.DS/ENISO10304 | 10% |
| Sulfat | **50** | mg/L | - | 250 | | 0.5 | M-0018 DS/ENISO10304 | 10% |
| Nitrat | **<0.5** | mg/L | - | 50 | | 0.5 | M-0018 DS/ENISO10304 | 10% |
| Nitrit | **0.002** | mg/L | - | 0.1 | | 0.001 | M-0015 DS 222 | 10% |
| Total-P | **0.03** | mg/L | - | 0.15 | | 0.01 | M-0020 DS 292 | 10% |
| Fluorid | **<0.05** | mg/L | - | 1.5 | | 0.05 | M-0018 DS/ENISO10304 | 10% |
| Aggressiv CO2 | **<2** | mg/L | - | 2 | | 2 | M-0004 DS 236 | 10% |
| Arsen | **0.71** | µg/L | - | 5 | | 0.02 | M-0140 RefM018/ICP-MS | 10% |
| Barium | **65** | µg/L | - | 700 | | 1 | M-0140 RefM018/ICP-MS | 10% |
| Bor | **<0.01** | mg/L | - | 1 | | 0.01 | M-0140 RefM018/ICP-MS | 10% |
| Nikkel | **<0.03** | µg/L | - | 20 | | 0.03 | M-0140 RefM018/ICP-MS | 10% |
| Cobalt | **<0.05** | µg/L | - | 5 | | 0.05 | M-0140 RefM018/ICP-MS | 10% |
| **Ekstra analyser** | | | - | - | | | - | - |
| Methan | **<0.01** | mg/L | - | 0.01 | | 0.01 | M-0112 Ref. Lab M063 - GC-FID | 10% |
| Svovlbrinte | **0.02** | mg/L | - | 0.05 | | 0.01 | M-0098 DS 278:1976 | 10% |

**Bemærkninger:**
Der er ikke fastsat krav til råvand. Grænseværdier for forbrugers taphane er vist til orientering.

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|---|---|---|---|
| **LAB nr:** | 20-25493, Prøve nr. 432033 | **Prøvetager:** | CNM, AnalyTech Miljølaboratorium A/S |
| **Prøvemærkning:** | | **Prøvetagningsmetode:** | M-0061 DS/ISO 5667 |
| **Prøvetype:** | Råvandskontrol - Pesticidkontrol | **Prøvetagningsperiode:** | 17.09.2020 10:20 - 17.09.2020 10:30 |
| **Prøvested:** | Løvel VV DGU 56.852 | **Prøvetagningssted:** | |
| **Grænseværdier:** | Miljøministeriet, BEK nr. 1070 d. 28.10.2019 | **Analyseperiode:** | 17.09.2020 - 30.09.2020 |

| 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% |
| 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-Dichlorbenzosyre | **<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% |
| Desethyldesisopropylatrazin | **<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% |
| 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% |

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**Rekvirent:** Løvel Vandværk
**Kopi:** Danmarks Miljøportal, Sundhedsstyrelsen Nord, Viborg Kommune Teknik & Miljø

Nørresundby d. 30.09.2020

*Sven-Erik Lykke, laboratoriechef*

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