



## ANALYSERAPPORT 504372

Version: 1  
Sagsnr:  
Rekv. nr:  
Genereret: 23.12.2024  
Bilag:

Ugelbølle Vandværk a.m.b.a.  
Århusvej 28  
8410 Rønde

LAB nr:	24-42236, Prøve nr. 617477	Prøvetager:	MFR, SGS Analytics Denmark A/S
Prøvemærkning:		Prøvetagningsmetode:	M-0061 DS/ISO 5667 Flushprøve
Prøvetype:	Råvandskontrol - Boringskontrol	Prøvetagningsperiode:	04.12.2024 12:48 - 04.12.2024 13:04
Prøvested:	Ugelbølle DGU 79.594 B3	Prøvetagningssted:	Hane vandværk
Grænseværdier:	Miljøministeriet, BEK nr. 940 af 22.07.2024	Analyseperiode:	04.12.2024 - 23.12.2024

Analyseparameter	Resultat	Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Temperatur	8.7 °C	-	-		0.1	TERMOMETER	10%
pH	7.6 pH	7	8.5		0.05	M-0010 DS/EN/ISO 10523:2012	10%
Ledningsevne	82 mS/m	30	250		0.5	M-0009 DS 27888:2003	10%
Ilt	<0.1 mg/L	5	-	MIN	0.1	M-0064 DS/EN/ISO 5814:2012	10%
NVOC	1.1 mg/L	-	4		0.1	M-0097 DS/EN 1484	10%
Calcium	33.3 mg/L	-	200		0.05	M-0139 RefM018/ICP	10%
Magnesium	17.0 mg/L	-	50		0.05	M-0139 RefM018/ICP	10%
Hårdhed	8.58 °dH	-	-		0.05	Beregning	10%
Natrium	113 mg/L	-	175		0.3	M-0139 RefM018/ICP	10%
Kalium	6.08 mg/L	-	10		0.05	M-0139 RefM018/ICP	10%
Ammonium	0.68 mg/L	-	0.05	MAX	0.02	M-0014 DS 224	10%
Jern	0.308 mg/L	-	0.2	MAX	0.002	M-0139 RefM018/ICP	10%
Mangan	0.007 mg/L	-	0.05		0.001	M-0139 RefM018/ICP	10%
Bicarbonat HCO <sub>3</sub>	361 mg/L	-	-		0.5	M-0006 DS 256	10%
Klorid	83 mg/L	-	250		0.5	M-0018 DS/EN/ISO10304	10%
Sulfat	7.0 mg/L	-	250		0.5	M-0018 DS/EN/ISO10304	10%
Nitrat	<0.3 mg/L	-	50		0.3	M-0018 DS/EN/ISO10304	10%
Nitrit	0.002 mg/L	-	0.01		0.001	M-0015 DS/EN 26777:2003	10%
Total-P	<0.01 mg/L	-	0.15		0.01	M-0020 DS 292	10%
Fluorid	0.88 mg/L	-	1.5		0.05	M-0018 DS/EN/ISO10304	15%
Aggressiv CO <sub>2</sub>	<5 mg/L	-	2		5	M-0004 DS 236	10%
Arsen	0.24 µg/L	-	5		0.03	M-0140 RefM018/ICP-MS	10%
Barium	13 µg/L	-	700		1	M-0140 RefM018/ICP-MS	10%
Bor	0.52 mg/L	-	1		0.01	M-0140 RefM018/ICP-MS	20%
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%
<b>Ekstra analyser</b>							
Methan	0.04 mg/L	-	0.01	MAX	0.01	#HS-GC-FID DANAK 361	20%
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.

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.



SGS Analytics Denmark A/S  
Bøgildsmindevej 21  
9400 Nørresundby, Danmark  
Telefon: +45 98 19 39 00  
E-mail: dk.ie.lab@sgs.com

<b>LAB nr:</b>	24-42237, Prøve nr. 617478	<b>Prøvetager:</b>	MFR, SGS Analytics Denmark A/S
<b>Prøvemærkning:</b>	+ 3 nye pesticider pr. 1/7-24	<b>Prøvetagningsmetode:</b>	M-0061 DS/ISO 5667 Flushprøve
<b>Prøvetype:</b>	Råvandskontrol - Pesticidkontrol	<b>Prøvetagningsperiode:</b>	04.12.2024 12:48 - 04.12.2024 13:04
<b>Prøvested:</b>	Ugelbølle DGU 79.594 B3	<b>Prøvetagningssted:</b>	Hane vandværk
<b>Grænseværdier:</b>	Miljøministeriet, BEK nr. 940 af 22.07.2024	<b>Analyseperiode:</b>	04.12.2024 - 23.12.2024

Analyseparameter	Resultat	Min	Max	Udenfor	D.L.	Metode/Reference	+/-
DEET (Diethyltoluamid)	<0.01 µg/L	-	0.1		0.01	#M-0336 LC-MS/MS DANAK 168	30%
N,N-dimethylsulfamid (DMSA)	<0.01 µg/L	-	0.1		0.01	#M-0336 LC-MS/MS DANAK 168	30%
2,6-dimethylacetanilid (CGA 42447)	<0.01 µg/L	-	0.1		0.01	#M-0336 LC-MS/MS DANAK 168	30%
Pentachlorbenzen	<0.01 µg/L	-	0.1		0.01	*GC-MS	30%
Rimsulfuron-desulfon (PPU)	<0.01 µg/L	-	0.1		0.01	*LC-MS/MS	30%
LM3	<0.01 µg/L	-	0.1		0.01	*LC-MS/MS	30%
LM5 (CGA324007)	<0.01 µg/L	-	0.1		0.01	LC-MS/MS	30%
LM6 (SYN545666)	<0.01 µg/L	-	0.1		0.01	LC-MS/MS	30%
R471811	<0.01 µg/L	-	0.1		0.01	#LC-MS/MS DANAK 361	30%
Imazalil	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Metaldehyd	<0.01 µg/L	-	0.1		0.01	LC-MS/MS	30%
Metamitron-desamino	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
5-trifluoromethyl-2-(1H) pyridon (TFMP)	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Monuron	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
CGA 369873	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
[(2,6-Dimethylphenyl)(2-sulfoacetyl)amino]eddikesyre	<0.01 µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
†-Sulfinylacetic Acid	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Trifluoeddikesyre (TFA)	<0.05 µg/L	-	9		0.05	*LC-MS/MS	30%
Alachlor ESA	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Dimethachlor ESA	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Dimethachlor OA	<0.01 µg/L	-	0.1		0.01	M-0222 LC-MS-MS	30%
Metazachlor ESA	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Metazachlor OA	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Propachlor ESA	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Chlorothalonil-amidsulfonsyre	<0.002 µg/L	-	0.1		0.002	M-0211 LC-MS/MS	30%
1,2,4-Triazol	<0.01 µg/L	-	0.1		0.01	M-0205 LC-MS-MS	30%
N,N-Dimethylsulfamid (DMS)	<0.01 µg/L	-	0.1		0.01	M-0204 LC-MS/MS	30%
Chloridazon	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Desphenyl-chloridazon	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Methyl-desphenyl-chloridazon	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
2,4 D	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Atrazin	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Bentazon	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Dichlorprop	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
ETU (Ethylthiourea)	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Hexazinon	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Mechlorprop	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Metribuzin	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Simazin	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
2,6-Dichlorbenzoesyre	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
2,4-Dichlorphenol	<0.01 µg/L	-	0.1		0.01	M-0100 LC-MS	30%
4-CPP	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
2,6-DCPP	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
4-nitrophenol	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
BAM (2,6-dichlorbenzamid)	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Desethyl-desisopropylatrazin	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Desethylatrazin	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Desisopropylatrazin	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%

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Resultaterne gælder udelukkende for de analyserede prøver.

Analyseparameter	Resultat	Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Desisopropylhydroxyatrazin	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Didealkylhydroxyatrazin	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Metribuzin-desamino-deketo	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Metribuzin-diketo	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Metalaxyl/Metalaxyl-M	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
CGA62826	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
CGA108906	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Glyphosat	<0.01 µg/L	-	0.1		0.01	M-0166 LC-MS-MS	20%
AMPA	<0.01 µg/L	-	0.1		0.01	M-0166 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%

**Bemærkninger:**

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

**Rekvirent:** Ugelbølle Vandværk a.m.b.a.  
**Kopi:** Danmarks Miljøportal, Tilsyn og Rådgivning Vest, Syddjurs Kommune

Nørresundby d. 23.12.2024

**Forklaring:**

D.L.: Detektionsgrænse

<: Mindre end

\*: Ikke omfattet af akkrediteringen

+/-: Total ekspanderet usikkerhed (2x total RSD%)

>: Større end

#: Akkrediteret af underleverandør

*Mikkel Svendsen*

Mikkel Svendsen, laborant

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Resultaterne gælder udelukkende for de analyserede prøver.