

## ANALYSERAPPORT 371587

### Vadum Vandværk

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**Version:** 1  
**Sagsnr:**  
**Rekv. nr:**  
**Genereret:** 25.05.2020  
**Bilag:**

<b>LAB nr:</b>	20-11171, Prøve nr. 428974	<b>Prøvetager:</b>	KSP, AnalyTech Miljølaboratorium A/S
<b>Prøvemærkning:</b>		<b>Prøvetagningsmetode:</b>	M-0061 DS/ISO 5667
<b>Prøvetype:</b>	Råvandskontrol - Boringskontrol	<b>Prøvetagningsperiode:</b>	07.05.2020 09:30 - 07.05.2020 09:40
<b>Prøvested:</b>	Vadum DGU 26.5406 B6	<b>Prøvetagningssted:</b>	
<b>Grænseværdier:</b>	Miljøministeriet, BEK nr. 1070 d. 28.10.2019	<b>Analyseperiode:</b>	07.05.2020 - 25.05.2020

Analyseparameter	Resultat	Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Temperatur	<b>9.4</b> °C	-	-		0.1	TERMOMETER	10%
pH	<b>7.2</b> pH	7	8.5		0.05	M-0010 DS/EN/ISO 10523:2012	10%
Ledningsevne	<b>52</b> mS/m	-	250		0.5	M-0009 DS 27888:2003	10%
Ilt	<b>3.6</b> mg/L	5	-	<b>MIN</b>	0.1	M-0064 DS/EN/ISO 5814:2012	10%
NVOC	<b>1.7</b> mg/L	-	4		0.1	M-0097 DS/EN 1484	10%
Calcium	<b>67.0</b> mg/L	-	200		0.007	M-0139 RefM018/ICP	10%
Magnesium	<b>7.13</b> mg/L	-	50		0.001	M-0139 RefM018/ICP	10%
Hårdhed	<b>11.0</b> °dH	5	30		0.05	Beregning	10%
Natrium	<b>22.0</b> mg/L	-	175		0.06	M-0139 RefM018/ICP	10%
Kalium	<b>4.15</b> mg/L	-	10		0.05	M-0139 RefM018/ICP	10%
Ammonium	<b>0.06</b> mg/L	-	0.05	<b>MAX</b>	0.02	M-0014 DS 224	10%
Jern	<b>0.555</b> mg/L	-	0.2	<b>MAX</b>	0.002	M-0139 RefM018/ICP	10%
Mangan	<b>0.136</b> mg/L	-	0.05	<b>MAX</b>	0.001	M-0139 RefM018/ICP	10%
Bicarbonat HCO <sub>3</sub>	<b>154</b> mg/L	100	-		0.5	M-0006 DS 256	10%
Klorid	<b>40</b> mg/L	-	250		0.5	M-0018.DS/ENISO10304	10%
Sulfat	<b>67</b> mg/L	-	250		0.5	M-0018 DS/ENISO10304	10%
Nitrat	<b>4.2</b> mg/L	-	50		0.5	M-0018 DS/ENISO10304	10%
Nitrit	<b>0.030</b> mg/L	-	0.1		0.001	M-0015 DS 222	10%
Total-P	<b>0.12</b> mg/L	-	0.15		0.01	M-0020 DS 292	10%
Fluorid	<b>0.07</b> mg/L	-	1.5		0.05	M-0018 DS/ENISO10304	10%
Aggressiv CO <sub>2</sub>	<b>&lt;2</b> mg/L	-	2		2	M-0004 DS 236	10%
Arsen	<b>1.14</b> µg/L	-	5		0.02	M-0140 RefM018/ICP-MS	10%
Barium	<b>21</b> µg/L	-	700		1	M-0140 RefM018/ICP-MS	10%
Bor	<b>0.03</b> mg/L	-	1		0.01	M-0140 RefM018/ICP-MS	10%
Nikkel	<b>0.74</b> µg/L	-	20		0.03	M-0140 RefM018/ICP-MS	10%
Cobalt	<b>0.05</b> µg/L	-	5		0.05	M-0140 RefM018/ICP-MS	10%
<b>Ekstra analyser</b>		-	-			-	-
Methan	<b>&lt;0.01</b> mg/L	-	0.01		0.01	M-0112 Ref. Lab M063 - GC-FID	10%
Svovlbrinte	<b>&lt;0.01</b> 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.

<b>LAB nr:</b>	20-11172, Prøve nr. 428973	<b>Prøvetager:</b>	KSP, AnalyTech Miljølaboratorium A/S
<b>Prøvemærkning:</b>		<b>Prøvetagningsmetode:</b>	M-0061 DS/ISO 5667
<b>Prøvetype:</b>	Råvandskontrol - Pesticidkontrol	<b>Prøvetagningsperiode:</b>	07.05.2020 09:30 - 07.05.2020 09:40
<b>Prøvested:</b>	Vadum DGU 26.5406 B6	<b>Prøvetagningssted:</b>	
<b>Grænseværdier:</b>	Miljøministeriet, BEK nr. 1070 d. 28.10.2019	<b>Analyseperiode:</b>	07.05.2020 - 25.05.2020

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-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%
1.2.4-Triazol	<0.01 µg/L	-	0.1		0.01	M-0205 LC-MS-MS	20%
N,N-Dimethylsulfamid (DMS)	0.02 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%

**Bemærkninger:**

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

**Rekvirent:** Vadum Vandværk  
**Kopi:** Danmarks Miljøportal, Sundhedsstyrelsen Nord, Aalborg Kommune

Nørresundby d. 25.05.2020

**Forklaring:**

D.L.: Detektionsgrænse

<: Mindre end

\*: Ikke omfattet af akkrediteringen

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

>: Større end



Sven-Erik Lykke, laboratoriechef

**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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