



## ANALYSERAPPORT 498841

Version: 1  
 Sagsnr:  
 Rekv. nr:  
 Genereret: 02.04.2024  
 Bilag:

### Vester Hassing Vandværk

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<b>LAB nr:</b>	24-07618, Prøve nr. 610335	<b>Prøvetager:</b>	KJA, SGS Analytics Denmark A/S
<b>Prøvemærkning:</b>		<b>Prøvetagningsmetode:</b>	M-0061 DS/ISO 5667 Straksprøve
<b>Prøvetype:</b>	Råvandskontrol - Boringskontrol	<b>Prøvetagningsperiode:</b>	11.03.2024 11:11 - 11.03.2024 11:19
<b>Prøvested:</b>	Vester Hassing DGU 27.1095 B4	<b>Prøvetagningssted:</b>	
<b>Grænseværdier:</b>	Miljøministeriet, BEK nr 1023 af 29.06.2023	<b>Analyseperiode:</b>	11.03.2024 - 02.04.2024

Analyseparameter	Resultat	Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Temperatur	8.2 °C	-	-		0.1	TERMOMETER	10%
pH	8.0 pH	7	8.5		0.05	M-0010 DS/EN/ISO 10523:2012	10%
Ledningsevne	42 mS/m	30	250		0.5	M-0009 DS 27888:2003	10%
Ilt	0.9 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	54.8 mg/L	-	200		0.05	M-0139 RefM018/ICP	10%
Magnesium	9.11 mg/L	-	50		0.05	M-0139 RefM018/ICP	10%
Hårdhed	9.77 °dH	-	-		0.05	Beregning	10%
Natrium	17 mg/L	-	175		0.3	M-0139 RefM018/ICP	10%
Kalium	1.60 mg/L	-	10		0.05	M-0139 RefM018/ICP	10%
Ammonium	0.06 mg/L	-	0.05	MAX	0.02	M-0014 DS 224	10%
Jern	0.188 mg/L	-	0.2		0.002	M-0139 RefM018/ICP	10%
Mangan	0.170 mg/L	-	0.05	MAX	0.001	M-0139 RefM018/ICP	10%
Bicarbonat HCO <sub>3</sub>	150 mg/L	-	-		3	#DS/EN ISO 9963-1:1996 DANAK 361	-
Klorid	31 mg/L	-	250		0.5	M-0018 DS/EN/ISO10304	10%
Sulfat	63 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	0.035 mg/L	-	0.01	MAX	0.001	M-0015 DS/EN 26777:2003	10%
Total-P	0.05 mg/L	-	0.15		0.01	M-0020 DS 292	10%
Fluorid	0.07 mg/L	-	1.5		0.05	M-0018 DS/EN/ISO10304	15%
Aggressiv CO <sub>2</sub>	<5 mg/L	-	2		5	#DS 236:1977 DANAK 361	-
Arsen	1.68 µg/L	-	5		0.03	M-0140 RefM018/ICP-MS	10%
Barium	37 µg/L	-	700		1	M-0140 RefM018/ICP-MS	10%
Bor	0.01 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	<0.01 mg/L	-	0.01		0.01	#HS-GC-FID DANAK 361	20%
Svovlbrinte	0.01 mg/L	-	0.01		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.



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<b>LAB nr:</b>	24-07619, Prøve nr. 610334	<b>Prøvetager:</b>	KJA, SGS Analytics Denmark A/S
<b>Prøvemærkning:</b>		<b>Prøvetagningsmetode:</b>	M-0061 DS/ISO 5667 Straksprøve
<b>Prøvetype:</b>	Råvandkontrol - Pesticidkontrol	<b>Prøvetagningsperiode:</b>	11.03.2024 11:11 - 11.03.2024 11:19
<b>Prøvested:</b>	Vester Hassing DGU 27.1095 B4	<b>Prøvetagningssted:</b>	
<b>Grænseværdier:</b>	Miljøministeriet, BEK nr 1023 af 29.06.2023	<b>Analyseperiode:</b>	11.03.2024 - 02.04.2024

Analyseparameter	Resultat	Min	Max	Udenfor	D.L.	Metode/Reference	+/-
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%
t-Sulfinylacetic Acid	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Trifluoreddikesyre (TFA)	0.10 µg/L	-	9		0.05	*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	<0.01 µg/L	-	0.1		0.01	M-0222 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%
Chlorothalonil-amidsulfonyre	<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 (Ethylenthiourea)	<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-Dichlorbenzoylsyre	<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%
Desethyldesisopropylatrazin	<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%
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%

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Resultaterne gælder udelukkende for de analyserede prøver.

Analyseparameter	Resultat	Min	Max	Udenfor	D.L.	Metode/Reference	+/-
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:** Vester Hassing Vandværk  
**Kopi:** Danmarks Miljøportal, Tilsyn og Rådgivning Vest, Aalborg Kommune

Nørresundby d. 02.04.2024

**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.