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ANALYSERAPPORT 367116

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Aalbæk Vandværk
Vibevej 46
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LAB nr:	20-09837, Prøve nr. 422911	**Prøvetager:**	LBJ, AnalyTech Miljølaboratorium A/S
Prøvemærkning:		**Prøvetagningsmetode:**	M-0061 DS/ISO 5667
Prøvetype:	Råvandskontrol - Boringskontrol	**Prøvetagningsperiode:**	27.04.2020 13:13 - 27.04.2020 13:25
Prøvested:	Aalbæk VV DGU 4.124 B6	**Prøvetagningssted:**	
Grænseværdier:	Miljøministeriet, BEK nr. 1070 d. 28.10.2019	**Analyseperiode:**	27.04.2020 - 10.05.2020

Analyseparameter	Resultat		Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Temperatur	**8.8**	°C	-	-		0.1	TERMOMETER	10%
pH	**6.0**	pH	7	8.5	**MIN**	0.05	M-0010 DS/EN/ISO 10523:2012	10%
Ledningsevne	**30**	mS/m	-	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	**13**	mg/L	-	4	**MAX**	0.1	M-0097 DS/EN 1484	10%
Calcium	**11.5**	mg/L	-	200		0.007	M-0139 RefM018/ICP	10%
Magnesium	**3.36**	mg/L	-	50		0.001	M-0139 RefM018/ICP	10%
Hårdhed	**2.38**	°dH	5	30	**MIN**	0.05	Beregning	10%
Natrium	**30.0**	mg/L	-	175		0.06	M-0139 RefM018/ICP	10%
Kalium	**1.61**	mg/L	-	10		0.05	M-0139 RefM018/ICP	10%
Ammonium	**0.38**	mg/L	-	0.05	**MAX**	0.02	M-0014 DS 224	10%
Jern	**3.19**	mg/L	-	0.2	**MAX**	0.002	M-0139 RefM018/ICP	10%
Mangan	**0.033**	mg/L	-	0.05		0.001	M-0139 RefM018/ICP	10%
Bicarbonat HCO3	**39**	mg/L	100	-	**MIN**	0.5	M-0006 DS 256	10%
Klorid	**49**	mg/L	-	250		0.5	M-0018.DS/ENISO10304	10%
Sulfat	**9.5**	mg/L	-	250		0.5	M-0018 DS/ENISO10304	10%
Nitrat	**<0.5**	mg/L	-	50		0.5	M-0018 DS/ENISO10304	10%
Nitrit	**0.006**	mg/L	-	0.1		0.001	M-0015 DS 222	10%
Total-P	**0.09**	mg/L	-	0.15		0.01	M-0020 DS 292	10%
Fluorid	**0.07**	mg/L	-	1.5		0.05	M-0018 DS/ENISO10304	10%
Aggressiv CO2	**53**	mg/L	-	2	**MAX**	2	M-0004 DS 236	10%
Arsen	**5.09**	µg/L	-	5	**MAX**	0.02	M-0140 RefM018/ICP-MS	10%
Barium	**5**	µg/L	-	700		1	M-0140 RefM018/ICP-MS	10%
Bor	**0.02**	mg/L	-	1		0.01	M-0140 RefM018/ICP-MS	10%
Nikkel	**0.07**	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%
Methan	**1.11**	mg/L	-	0.01	**MAX**	0.01	M-0112 Ref. Lab M063 - GC-FID	10%
Svovlbrinte	**0.14**	mg/L	-	0.05	**MAX**	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:	20-09838, Prøve nr. 422912	**Prøvetager:**	LBJ, AnalyTech Miljølaboratorium A/S
Prøvemærkning:		**Prøvetagningsmetode:**	M-0061 DS/ISO 5667
Prøvetype:	Råvandskontrol - Pesticidkontrol	**Prøvetagningsperiode:**	27.04.2020 13:13 - 27.04.2020 13:25
Prøvested:	Aalbæk VV DGU 4.124 B6	**Prøvetagningssted:**	
Grænseværdier:	Miljøministeriet, BEK nr. 1070 d. 28.10.2019	**Analyseperiode:**	27.04.2020 - 10.05.2020

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-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%
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%
Heptachlorepoxid (sum af cis+trans)	**<0.01**	µg/L	-	0.03		0.01	M-0208 GC-MS	30%
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%

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Analyseparameter	Resultat	Min	Max	Udenfor	D.L.	Metode/Reference	+/-
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: Aalbæk Vandværk
Kopi: Danmarks Miljøportal, Sundhedsstyrelsen Nord, Frederikshavn Kommune

Nørresundby d. 10.05.2020

Sven-Erik Lykke, laboratoriechef

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