



ALS Denmark A/S  
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## ANALYSERAPPORT

Ølsted Strand Vandværk  
 Frederikssundsvej 167  
 3310 Ølsted  
 Att.: Henriette Høeg, PersonRef. Henriette Høeg

**Udskrevet:** 27-12-2022  
**Version:** 1  
**Modtaget:** 12-12-2022  
**Analyseperiode:** 12-12-2022 -  
 27-12-2022  
**Ordrenr.:** 755821

**Sagsnavn** Ølsted Strand vv  
**Lokalitet:** Ølsted Strand Vandværk  
**Prøvested:** Afgang værk, 3300  
**Udtaget:** 12.12.2022 kl. 09:00:00  
**Prøvetype:** Drikkevand - Bek. 2361:2021, Vandværkskontrol  
**Prøvetager:** LAB/JNF  
**Kunde:** Ølsted Strand Vandværk, Frederikssundsvej 167, 3310 Ølsted, Att. Henriette Høeg, PersonRef. Henriette Høeg

Prøvenr.:	285150/22				
Parameter	Resultat	Enhed	Metode	Vejl. grænseværdi	Afgang værk jvf BEK 523:2019
Igangsæt på lab.	13:08	-	-		
Prøvetagning, Drikkevand	+	-	DS/EN ISO 19458:2006, MST Manual for DRV version 5, 2021, DS/ISO 5667-5:2006		
Iltindhold v. ptagning	10.4	mg/l	DS/EN ISO 5814:2012	Min. 5	Minimumskrav
pH ved prøvetagning	7.9	pH	DS/EN ISO 10523:2012	7 - 8.5	Vandet må ikke være kalkaggressivt
Temperatur ved prøvetagning	8.6	°C	-	-	Det bør tilstræbes, at vandet er højst 12°C ved taphanen
Ledningsevne v. ptagning	57	mS/m	DS/EN 27888:2003	Min.30 mS/m	Vandets ledningsevne bør som minimum være 30 mS/m ved 25 °C
Enterokokker	<1	cfu/100 ml	DS/EN ISO 7899-2:2000	<1	
Kimtal ved 22 °C	10	cfu/ml	DS/EN ISO 6222:2000/Till.1:2002	50	
Kimtal ved 37 °C	1	cfu/ml	DS/EN ISO 6222:2000/Till.1:2002	5	
Coliforme bakterier	<1	Pr. 100 ml	DS/EN ISO 9308-1:2014/A1:2017	<1	
E. Coli	<1	cfu/100 ml	DS/EN ISO 9308-1:2014/A1:2017	<1	
Hårdhed, total	16.5	0dH	DS 250:1973 Appendix, beregning		Vandets hårdhed bør ligge mellem 5° og 30° dH
Mangan, Mn	<2.0	µg/l	DS/EN ISO 11885:2009		
Calcium, Ca++	95	mg/l	DS/EN ISO 11885:2009		Indholdet bør ikke overstige 200 mg/l
Magnesium, Mg++	14	mg/l	DS/EN ISO 11885:2009	50	
Jern, Fe	0.035	mg/l	DS/EN ISO 11885:2009	100	
Ammonium+ammoniak, NH4+	0.0043	mg/l	DS/ISO 15923-1:2013+DS224:1975Mod	0.05	
Nitrit, NO2-	0.0033	mg/l	DS/ISO 15923-1:2013	0.01	
Nitrat, NO3-	1.9	mg/l	DS/ISO 15923-1:2013 + beregning	50	
NVOC	1.9	mg/l	DS/EN 1484:1997+SM 5310B:2014	4	
Aluminium, Al	1.7	µg/l	DS/EN ISO 17294-2:2016	100	
Arsen, As	0.16	µg/l	DS/EN ISO 17294-2:2016	5	
Nikkel, Ni	0.57	µg/l	DS/EN ISO 17294-2:2016	20	
<b>HS BTEXN</b>			DS/EN ISO 10301:2000		
Benzen	<0.020	µg/l	DS/EN ISO 10301:2000	1	
Toluen	<0.020	µg/l	DS/EN ISO 10301:2000		
Ethylbenzen	<0.020	µg/l	DS/EN ISO 10301:2000		
Xylener (o-,m- og p-xylen)	<0.040	µg/l	DS/EN ISO 10301:2000		
Naphtalen	<0.020	µg/l	DS/EN ISO 10301:2000	2	
<b>Kulbrinter i vand</b>			AK61 - GC/FID/pentan		
Kulbrinter n-C6 - n-C10	#	<5.0	µg/l	AK61 - GC/FID/pentan	
Kulbrinter >n-C10 - n-C15	#	<5.0	µg/l	AK61 - GC/FID/pentan	
Kulbrinter >n-C15 - n-C20	#	<5.0	µg/l	AK61 - GC/FID/pentan	

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Laboratoriet er akkrediteret af DANAK. Analyseresultaterne gælder kun for de(n) analyserede prøve(r).  
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**Tegnforklaring:**  
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Kulbrinter >n-C20 - n-C35	#	<5.0	µg/l	AK61 - GC/FID/pentan	
Total kulbrinter (C6-C35)		<5.0	µg/l	AK61 - GC/FID/pentan	5
<b>HS Chlor. og nedbr.</b>					
Trichlormethan (Chloroform)		<0.020	µg/l	DS/EN ISO 10301:2000	1
1,1,1-trichlorethan		<0.020	µg/l	DS/EN ISO 10301:2000	1
Tetrachlormethan		<0.020	µg/l	DS/EN ISO 10301:2000	1
Trichlorethylen		<0.020	µg/l	DS/EN ISO 10301:2000	1
Tetrachlorethylen		0.064	µg/l	DS/EN ISO 10301:2000	1
Chlorethan		<0.10	µg/l	DS/EN ISO 10301:2000	1
Vinylchlorid		<0.020	µg/l	DS/EN ISO 10301:2000	0.3
1,1-dichlorethylen		<0.020	µg/l	DS/EN ISO 10301:2000	1
trans-1,2-dichlorethylen		<0.020	µg/l	DS/EN ISO 10301:2000	1
cis-1,2-dichlorethylen		<0.020	µg/l	DS/EN ISO 10301:2000	1
1,2-dibromethan		<0.020	µg/l	DS/EN ISO 10301:2000	0.05
					Stoffet indgik i de gamle blyholdige benzinprodukter
1,2-dichlorethan		<0.020	µg/l	DS/EN ISO 10301:2000	
1,1-dichlorethan		<0.020	µg/l	DS/EN ISO 10301:2000	1
2,6-dichlorphenol		<0.010	µg/l	AK158 - GC/MS	0.1
<b>Pesticider, Kartoffelavl</b>					
				-- GC/LC/MS	
<b>Pesticider, Drikkevand grundpakke LC/MS</b>					
				-- LC/MS/MS	
<b>Pesticider, Drikkevand grundpakke GC/MS</b>					
				-- GC/MS	
<b>Pesticider, vand 4 stoffer</b>					
				-- GC/MS	
1,2,4-triazol		<0.010	µg/l	AK207 - LC/MS/MS	0.1
2,6-DCPP (2-(2,6-dichlorphenoxypropionsyre)), 2,6-dichlorprop		<0.010	µg/l	AK78 - LC/MS/MS	0.1
2,6-dichlorbenzoesyre		<0.010	µg/l	AK78 - LC/MS/MS	0.1
4-CPP, (4-Chlorprop)		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Aminomethylphosphonsyre, AMPA		<0.010	µg/l	AK144 - LC/MS/MS	0.1
Atrazin		<0.010	µg/l	AK78 - LC/MS/MS	0.1
2,6-Dichlorbenzamid (BAM)		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Bentazon		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Heptachlor		<0.010	µg/l	AK158 - GC/MS	0.03
Aldrin		<0.010	µg/l	AK158 - GC/MS	0.03
Heptachlorepid		<0.010	µg/l	AK158 - GC/MS	0.03
Dieldrin		<0.010	µg/l	AK158 - GC/MS	0.03
Desphenyl-chloridazon		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Imazalil		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Methyl-desphenyl-chloridazon		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Metalaxyl/Metalaxyl-M		<0.010	µg/l	AK78 - LC/MS/MS	0.1
CGA108906 (Nedbr. af Metalaxyl)		<0.010	µg/l	AK78 - LC/MS/MS	0.1
CGA62826 (Nedbr. af Metalaxyl)		<0.010	µg/l	AK78 - LC/MS/MS	0.1
4-nitrophenol		<0.010	µg/l	AK78 - LC/MS/MS	0.1
2,4-dichlorphenol		<0.010	µg/l	AK158 - GC/MS	0.1
Desethylatrazin		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Desethyldeisopropylatrazin (DEIA)		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Desethyl-hydroxy-atrazin		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Desethylterbutylazin		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Desisopropylatrazin		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Desisopropyl-hydroxy-atrazin		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Dichlobenil		<0.010	µg/l	AK78 - GC/MS	0.1
Dichlorprop(2,4-DP)		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Didealkyl-hydroxy-atrazin		<0.010	µg/l	AK78 - LC/MS/MS	0.1
<b>Pesticider, Frugtav (Diuron)</b>					
				AK78 - LC/MS/MS	
Diuron		<0.010	µg/l	AK78 - LC/MS/MS	0.1
ETU (Ethylthiourea)		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Glyphosat		<0.010	µg/l	AK144 - LC/MS/MS	0.1
Hexazinon		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Hydroxyatrazin		<0.010	µg/l	AK78 - LC/MS/MS	0.1
Hydroxysimazin		<0.010	µg/l	AK78 - LC/MS/MS	0.1

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MCPA	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Mechlorprop(MCPP)	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Metamitron-desamino	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Metribuzin	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Metribuzin-desamino	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Metribuzin-desamino-diketo	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Metribuzin-diketo	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Simazin	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
TFMP	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
N,N-Dimethylsulfamid (DMS)	<0.010	µg/l	AK207 - LC/MS/MS	0.1	
Chlorothalonilamid-sulfonsyre (R417888)	<0.0050	µg/l	AK78 - LC/MS/MS		
<b>Pesticider, DRV BEK 972:2022</b>		-	- - LC/MS/MS		
Alachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Dimethachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Dimethachlor OA (CGA 50266 )	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Metazachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Metazachlor OA	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Propachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
t-Sulfinyleddikesyre (Acetochlor SAA)	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
CGA 369873 (Dimethachlor metab.)	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Metaldehyd	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
[(2,6-Dimethylphenyl)(2-sulfoacetyl)amino]eddikesyre	<0.010	µg/l	AK78 - LC/MS/MS	0.1	
Monuron	<0.010	µg/l	AK78 - LC/MS/MS		
4-Bis-amido-3,5,6-trichlorobenzenesulfonat (R471811) (Nedbr. af Chlorothalonil)	# <0.010	µg/l	AK78 - LC/MS/MS	0.1	
6-(tert-Butylamino)-1,3,5-triazine-2,4-diol (CGA324007, LM5, nedbr. af Terbutylazin)	# <0.010	µg/l	AK78 - LC/MS/MS	0.1	
4-(tert-Butylamino)-6-hydroxy-1-methyl-1,3,5-triazin-2(1H)-one (SYN545666, LM6, nedbr. af Terbutylazin)	# <0.010	µg/l	AK78 - LC/MS/MS	0.1	

**Kommentar**

Højst tilladelige værdi er overholdt for de undersøgte parametre.

Helle Hornemann

**Kopimodtagere:**

Halsnæs Kommune, Rådhuspladsen 1, 3300 Frederiksværk