

Ullensaker kommune  
Vann  
Postboks 470  
2051 JESSHEIM  
Att: Svein-Arne Kværner

Dato: 01.08.2023  
Prøve ID: 2023-14829  
ver 1

## ANALYSERESULTATER

Prøvemottak: 19.07.23

Analyseperiode: 19.07.23 - 01.08.23

2023-14829-1 DR) Drikkevann (Hamar)

Tatt ut: 19.07.23 - 19.07.23

Gjelder: **Ullensaker drikkevann**

Sted: **123 Varde**

**Merket: B-pakke**

Parameter	Resultat	Enhet	Grenseverdi	Metode	Måleusikkerhet
1,2,-dikloretan	<sup>83)</sup> <0.5	µg/l	3,0	SS-EN ISO 10301 mod.	±0.10
Aluminium, Al	<sup>83)</sup> 51	µg/l	200	SS-EN ISO 17294-2:201	±7.6
Ammonium, NH4-N	<sup>83)</sup> <0.01	mg/l	0,4	ISO 15923-1:2013 B	±0.005
Antimon, Sb	<sup>83)</sup> <0.1	µg/l	5	SS-EN ISO 17294-2:201	±0.10
Arsen, As	<sup>83)</sup> 0.056	µg/l	10	SS-EN ISO 17294-2:201	±0.015
Benzen	<sup>83)</sup> <0.1	µg/l	1	SS-EN ISO 10301 mod.	±0.050
Benzo(a)pyren, PAH	<sup>83)</sup> <0.005	µg/l	0,01	GC-MS-NCI, egen metod	±0.0013
Bly, Pb	<sup>83)</sup> 0.095	µg/l	10	SS-EN ISO 17294-2:201	±0.014
Bor, B	<sup>83)</sup> 2.8	µg/l	1000	SS-EN ISO 17294-2:201	±0.75
Bromat-BrO3	<sup>83)</sup> <3	µg/l	10	SS-EN ISO 11206:2013	±0.60
Cyanid, total	<sup>83)</sup> <0.01	mg/l	0,05	SS-EN ISO 14403-2:201	±0.003
Fluorid	<sup>83)</sup> 0.096	mg/l	1,5	SS-EN ISO 10304-1:200	±0.10
Jern, Fe	<sup>83)</sup> 9.9	µg/l	200	SS-EN ISO 17294-2:201	±1.5
Kadmium, Cd	<sup>83)</sup> <0.01	µg/l	5	SS-EN ISO 17294-2:201	±0.003
Klorid	<sup>83)</sup> 5.0	mg/l	250	SS-EN ISO 10304-1:200	±0.90
Kobber, Cu	<sup>83)</sup> 1.0	µg/l	2000	SS-EN ISO 17294-2:201	±0.15
Krom, Cr	<sup>83)</sup> <0.05	µg/l	50	SS-EN ISO 17294-2:201	±0.015
Kvikksølv	<sup>83)</sup> <2	ng/l	1000	SS-EN ISO 17852 mod.	±1
Kvikksølv, Hg	<sup>83)</sup> <0.002	µg/l		EN ISO 17852 mod.	
Kalsium, Ca	<sup>83)</sup> 21	mg/l		SS-EN ISO 11885:2009	±3.2
Mangan, Mn	<sup>83)</sup> 0.48	µg/l	50	SS-EN ISO 17294-2:201	±0.072
Natrium, Na	<sup>83)</sup> 2.0	mg/l	200	SS-EN ISO 11885:2009	±0.30
Nikkel, Ni	<sup>83)</sup> 0.40	µg/l	20	SS-EN ISO 17294-2:201	±0.060
Nitrat, NO3-N	<sup>83)</sup> 0.29	mg/l	10	SS-EN ISO 10304-1:200	±0.045
Nitritt, NO2-N	<sup>83)</sup> <0.001	mg/l		ISO 15923-1:2013 D	±0.0009
2,4,5-Triklorfenoksyre, pesticid	<sup>83)</sup> <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
2,4-Diklorfenoksyre, pesticid	<sup>83)</sup> <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Atrazin, pesticid	<sup>83)</sup> <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
BAM (2,6-diklorbensamid), pesticid	<sup>83)</sup> <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Bentazon, pesticid	<sup>83)</sup> <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Bitertanol, pesticid	<sup>83)</sup> <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Cyanazin, pesticid	<sup>83)</sup> <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Desetylatrazin, pesticid	<sup>83)</sup> <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Desisopropylatrazin, pesticid	<sup>83)</sup> <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Diklorprop, pesticid	<sup>83)</sup> <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007

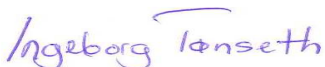
Parameter	Resultat	Enhet	Grenseverdi	Metode	Måleusikkerhet
Dimetoat, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Diuron, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Etofumesat, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.026
Fenoxaprop, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.009
Hexazinon, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Isoproturon, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Kloridazon, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.010
Klorsulfuron, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Kvinmerak, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
MCPA, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Mecoprop, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Metamitron, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Metazaklor, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Metribuzin, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.008
Metsulfuronmetyl, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.008
Propyzamid, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Simazin, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Terbutylazin, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Thifensulfuronmetyl, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Sum pesticider	83) <0.05	µg/l	0,5	Beräknad	
Benzo(b+k)fluoranten, PAH	83) <0.01	µg/l		GC-MS-NCI, egen metod	±0.003
Benzo(ghi)perylen, PAH	83) <0.01	µg/l		GC-MS-NCI, egen metod	±0.003
Indeno(1,2,3-cd)pyren, PAH	83) <0.01	µg/l		GC-MS-NCI, egen metod	±0.003
Sum PAH ihht drikkevannsforskrift	83) <0.02	µg/l	0,1	Beräknad	
Selen, Se	83) <1	µg/l	10	SS-EN ISO 17294-2:201	±0.40
Sulfat	83) 8.6	mg/l	250	SS-EN ISO 10304-1:200	±1.3
Tetrakloreten	83) <1	µg/l		SS-EN ISO 10301 mod.	±0.20
Triklloreten	83) <1	µg/l		SS-EN ISO 10301 mod.	±0.20
Sum kloreten	83) <1	µg/l	10	Beräknad	
TOC, total organisk karbon	83) 1.3	mg/l		SS-EN ISO 20236:2021	±0.50
Kloroform	83) 7.3	µg/l		SS-EN ISO 10301 mod.	±1.5
Bromoform	83) <1	µg/l		SS-EN ISO 10301 mod.	±0.20
Dibromklormetan	83) <1	µg/l		SS-EN ISO 10301 mod.	±0.20
Bromdiklormetan	83) <1	µg/l		SS-EN ISO 10301 mod.	±0.20
Sum trihalometaner	83) 7.3	µg/l	100	Beräknad	

< betyr: Mindre enn

83) Levert av SGS - Linkøping ISO17025:2018 SWEDAC 1006

DR) Grenseverdier etter Drikkevannsforskriften

Med hilsen



Ingeborg Tønseth  
 Laboratorieleder/Kunderådgiver

Kopi til

Mapgraph PDF (E-post)

Ø.Gulbrandsen2.pri vars dagtid (E-post)

S.A.Kværner 1.pri varsl dagtid (E-post)

T.K.Muri 3.pri varsl dagtid (E-post)

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Angitt måleusikkerhet er beregnet med en dekningsfaktor k=2.

For opplysninger om måleusikkerhet ta kontakt med laboratoriet.

Resultatene gjelder kun de undersøkte prøvene slik mottatt. Rapporten må ikke offentliggjøres annet enn i sin helhet uten skriftlig tillatelse.

Analysert utført av underleverandører: akkrediteringsnummer som er angitt i fotnoten betyr at underleverandør er akkreditert for analysen.