

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

Dato: 10.01.2024
Prøve ID: 2023-28816
ver 1

ANALYSERESULTATER

Prøvemottak: 13.12.23

Analyseperiode: 13.12.23 - 10.01.24

2023-28816-1 DR) Drikkevann (Hamar)

Tatt ut: 13.12.23 - 13.12.23

Gjelder: **Ullensaker drikkevann**

Sted: **108 Hovinfjellet**

Merket: B-pakke

Parameter	Resultat	Enhet	Grenseverdi	Metode	Måleusikkerhet
1,2,-dikloretan	⁸³⁾ <0.5	µg/l	3,0	SS-EN ISO 10301 mod.	±0.10
Aluminium, Al	⁸³⁾ 38	µg/l	200	SS-EN ISO 17294-2:201	±5.7
Ammonium, NH4-N	⁸³⁾ <0.01	mg/l	0,4	ISO 15923-1:2013 B	±0.005
Antimon, Sb	⁸³⁾ <0.1	µg/l	5	SS-EN ISO 17294-2:201	±0.10
Arsen, As	⁸³⁾ 0.054	µg/l	10	SS-EN ISO 17294-2:201	±0.015
Benzen	⁸³⁾ <0.1	µg/l	1	SS-EN ISO 10301 mod.	±0.050
Benzo(a)pyren, PAH	⁸³⁾ <0.005	µg/l	0,01	GC-MS-NCI, egen metod	±0.0013
Bly, Pb	⁸³⁾ <0.02	µg/l	10	SS-EN ISO 17294-2:201	±0.012
Bor, B	⁸³⁾ <2.5	µg/l	1000	SS-EN ISO 17294-2:201	±0.75
Bromat-BrO3	⁸³⁾ <3	µg/l	10	SS-EN ISO 11206:2013	±0.60
Cyanid, total	⁸³⁾ <0.01	mg/l	0,05	SS-EN ISO 14403-2:201	±0.003
Fluorid	⁸³⁾ 0.10	mg/l	1,5	SS-EN ISO 10304-1:200	±0.10
Jern, Fe	⁸³⁾ 10	µg/l	200	SS-EN ISO 17294-2:201	±1.5
Kadmium, Cd	⁸³⁾ <0.01	µg/l	5	SS-EN ISO 17294-2:201	±0.003
Klorid	⁸³⁾ 4.7	mg/l	250	SS-EN ISO 10304-1:200	±0.90
Kobber, Cu	⁸³⁾ 2.5	µg/l	2000	SS-EN ISO 17294-2:201	±0.38
Krom, Cr	⁸³⁾ 0.054	µg/l	50	SS-EN ISO 17294-2:201	±0.015
Kvikksølv	⁸³⁾ <2	ng/l	1000	SS-EN ISO 17852 mod.	±1
Kvikksølv, Hg	⁸³⁾ <0.002	µg/l		EN ISO 17852 mod.	
Kalsium, Ca	⁸³⁾ 18	mg/l		SS-EN ISO 11885:2009	±2.7
Mangan, Mn	⁸³⁾ 1.2	µg/l	50	SS-EN ISO 17294-2:201	±0.18
Natrium, Na	⁸³⁾ 2.1	mg/l	200	SS-EN ISO 11885:2009	±0.32
Nikkel, Ni	⁸³⁾ 0.68	µg/l	20	SS-EN ISO 17294-2:201	±0.10
Nitrat, NO3-N	⁸³⁾ 0.26	mg/l	10	SS-EN ISO 10304-1:200	±0.045
Nitritt, NO2-N	⁸³⁾ <0.001	mg/l		ISO 15923-1:2013 D	±0.0009
2,4,5-Triklorfenoksyre, pesticid	⁸³⁾ <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
2,4-Diklorfenoksyre, pesticid	⁸³⁾ <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Atrazin, pesticid	⁸³⁾ <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
BAM (2,6-diklorbensamid), pesticid	⁸³⁾ <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Bentazon, pesticid	⁸³⁾ <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Bitertanol, pesticid	⁸³⁾ <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Cyanazin, pesticid	⁸³⁾ <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Desetylatrazin, pesticid	⁸³⁾ <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Desisopropylatrazin, pesticid	⁸³⁾ <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Diklorprop, pesticid	⁸³⁾ <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007

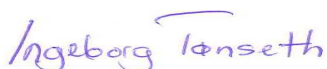
Parameter	Resultat	Enhet	Grenseverdi	Metode	Måleusikkerhet
Dimetoat, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Diuron, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.007
Etofumesat, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, egen metod	±0.026
Fenoxaprop, pesticid	83) <0.01	µg/l	0,1	LC-MS-MS, 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 kloretenner	83) <1	µg/l	10	Beräknad	
TOC, total organisk karbon	83) 1.6	mg/l		SS-EN 1484:1997	±0.50
Kloroform	83) 9.4	µg/l		SS-EN ISO 10301 mod.	±1.9
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) 9.4	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.

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