

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

Dato: 19.01.2023
Prøve ID: 2023-235
ver 1

ANALYSERESULTATER

Prøvemottak: 04.01.23

Analyseperiode: 04.01.23 - 19.01.23

2023-235-1 DR) Drikkevann (Hamar)

Tatt ut: 04.01.23 - 04.01.23

Gjelder: **Ullensaker drikkevann**

Sted: **122 Borgen VPS**

Merket: B-pakke

Parameter	Resultat	Enhet	Grenseverdi	Metode	Måleusikkerhet
1,2,-dikloretan	⁸³⁾ <0.5	µg/l	3,0	SS-EN ISO 10301:1997	±0,10
Aluminium, Al	⁸³⁾ 33.0	µg/l	200	NS-EN ISO 17294-2	
Ammonium, NH4-N	⁸³⁾ <0.010	mg N/l	0,4	ISO 15923-1:2013 B	
Antimon, Sb	⁸³⁾ <0.10	µg/l	5	NS-EN ISO 17294-2	
Arsen, As	⁸³⁾ 0.055	µg/l	10	NS-EN ISO 17294-2	
Benzen	⁸³⁾ <0.10	µg/l	1	GC-MS	±0,05
Benzo(a)pyren, PAH	⁸³⁾ <0.005	µg/l	0,01	GC/MS	±0,0013
Bly, Pb	⁸³⁾ 0.120	µg/l	10	SS-EN ISO 17294-2	
Bor, B	⁸³⁾ <2.5	µg/l	1000	NS-EN ISO 17294-2	
Bromat-BrO3	⁸³⁾ <3	µg/l	10	SS-EN ISO 11206:2013	
Cyanid, total	⁸³⁾ <0.01	mg/l	0,05	EN ISO 14403 Skalar	±0,003
Fluorid	⁸³⁾ 0.110	mg F/l	1,5	SS-EN ISO10304-1:2009	±0,02
Jern, Fe	⁸³⁾ 36.0	µg/l	200	SS-EN ISO 17294-2	
Kadmium, Cd	⁸³⁾ <0.01	µg/l	5	SS-EN ISO 17294-2	
Klorid	⁸³⁾ 4.6	mg Cl/l	250	SS-EN ISO10304-1:2009	
Kobber, Cu	⁸³⁾ 2.40	µg/l	2000	SS-EN ISO 17294-2	
Krom, Cr	⁸³⁾ <0.050	µg/l	50	SS-EN ISO 17294-2	
Kvikksølv	⁸³⁾ <2.0	ng/l	1000	SS-EN ISO 17852 mod.	
Kvikksølv, Hg	⁸³⁾ <0.002	µg/l		EN ISO 17852 mod.	
Kalsium, Ca	⁸³⁾ 19	mg/l		SS-EN ISO 11885:2009	
Mangan, Mn	⁸³⁾ 0.43	µg/l	50	SS-EN ISO 17294	
Natrium, Na	⁸³⁾ 2.2	mg/l	200	SS-EN ISO 11885:2009	
Nikkel, Ni	⁸³⁾ 0.42	µg/l	20	SS-EN ISO 17294-2	
Nitrat, NO3-N	⁸³⁾ 0.260	mg N/l	10	SS-EN ISO 10304	±0,039
Nitritt, NO2-N	⁸³⁾ <0.0010	mg N/l		ISO 15923-1	
2,4,5-Triklorfenoksyre, pesticid	⁸³⁾ <0.010	µg/l	0,1	LC/MS/MS	±0,006
2,4-Diklorfenoksyre, pesticid	⁸³⁾ <0.010	µg/l	0,1	LC/MS/MS	±0,007
Atrazin, pesticid	⁸³⁾ <0.010	µg/l	0,1	LC/MS/MS	±0,005
BAM (2,6-diklorbensamid), pesticid	⁸³⁾ <0.010	µg/l	0,1	LC/MS/MS	±0,004
Bentazon, pesticid	⁸³⁾ <0.010	µg/l	0,1	LC/MS/MS	±0,006
Bitertanol, pesticid	⁸³⁾ <0.010	µg/l	0,1	LC/MS/MS	±0,011
Cyanazin, pesticid	⁸³⁾ <0.010	µg/l	0,1	LC/MS/MS	±0,004
Desetylatrazin, pesticid	⁸³⁾ <0.010	µg/l	0,1	LC/MS/MS	±0,005
Desisopropylatrazin, pesticid	⁸³⁾ <0.010	µg/l	0,1	LC/MS/MS	±0,005
Diklorprop, pesticid	⁸³⁾ <0.010	µg/l	0,1	LC/MS/MS	±0,006

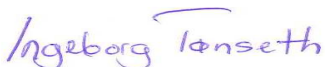
Parameter	Resultat	Enhet	Grenseverdi	Metode	Måleusikkerhet
Dimetoat, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,006
Diuron, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,005
Etofumesat, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,023
Fenoxaprop, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,007
Hexazinon, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,004
Isoproturon, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,006
Kloridazon, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,005
Klorsulfuron, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,005
Kvinmerak, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,005
MCPA, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,005
Mecoprop, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,007
Metamitron, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,007
Metazaklor, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,006
Metribuzin, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,007
Metsulfuronmetyl, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,005
Propyzamid, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,005
Simazin, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,005
Terbutylazin, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,005
Thifensulfuronmetyl, pesticid	83) <0.010	µg/l	0,1	LC/MS/MS	±0,004
Sum pesticider	83) <0.050	µg/l	0,5	LC/MS/MS	
Benzo(b+k)fluoranten, PAH	83) <0.01	µg/l		GC/MS	±0,003
Benzo(ghi)perylen, PAH	83) <0.01	µg/l		GC/MS	±0,003
Indeno(1,2,3-cd)pyren, PAH	83) <0.01	µg/l		GC/MS	±0,003
Sum PAH ihht drikkevannsforskrift	83) <0.02	µg/l	0,1	GC/MS	
Selen, Se	83) <1.0	µg/l	10	SS-EN ISO 17294-2	
Sulfat	83) 8.0	mg SO4/l	250	SS-EN ISO10304-1:2009	
Tetrakloreten	83) <1.0	µg/l		GC-MS	±0.3
Triklloreten	83) <1	µg/l		GC-MS	±0
Sum kloretenner	83) <1.0	µg/l	10	GC-MS	±0.2
TOC, total organisk karbon	83) 1.40	mg/l		SS-EN-1484 utg. 1	
Kloroform	83) 8.6	µg/l		GC-MS	±1.70
Bromoform	83) <1	µg/l		GC-MS	±0
Dibromklormetan	83) <1	µg/l		GC-MS	±0
Bromdiklormetan	83) <1.0	µg/l		GC-MS	±0.2
Sum trihalometaner	83) 8.6	µg/l	100	GC-MS	±1.70

< 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)

Gurusoft PDF (E-post)

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.