

Eidsvoll kommune
Vann
Postboks 90
2080 EIDSVOLL
Att: Katarina Ottesen

Dato: 28.02.2024
Prøve ID: 2024-3676
ver 1

ANALYSERESULTATER

Prøvemottak: 14.02.24

Analyseperiode: 14.02.24 - 28.02.24

2024-3676-1 DR) Drikkevann (Hamar)

Tatt ut: 14.02.24 - 14.02.24

Gjelder: **Tisjøen Vannverk**

Sted: **RA2 Minnesund**

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⁾ 34	µg/l	200	SS-EN ISO 17294-2:201	±5.1
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⁾ 0.11	µg/l	10	SS-EN ISO 17294-2:201	±0.017
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⁾ 0.19	µg/l	10	SS-EN ISO 17294-2:201	±0.029
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⁾ 0.11	mg/l	1,5	SS-EN ISO 10304-1:200	±0.10
Jern, Fe	⁸³⁾ 19	µg/l	200	SS-EN ISO 17294-2:201	±2.9
Kadmium, Cd	⁸³⁾ <0.01	µg/l	5	SS-EN ISO 17294-2:201	±0.003
Klorid	⁸³⁾ 1.4	mg/l	250	SS-EN ISO 10304-1:200	±0.90
Kobber, Cu	⁸³⁾ 5.8	µg/l	2000	SS-EN ISO 17294-2:201	±0.87
Krom, Cr	⁸³⁾ 0.095	µg/l	50	SS-EN ISO 17294-2:201	±0.015
Kvikksølv, Hg	⁸³⁾ <2	ng/l	1000	SS-EN ISO 17852 mod.	±1
Kalsium, Ca	⁸³⁾ 17	mg/l		SS-EN ISO 11885:2009	±2.6
Mangan, Mn	⁸³⁾ 2.4	µg/l	50	SS-EN ISO 17294-2:201	±0.36
Natrium, Na	⁸³⁾ 1.3	mg/l	200	SS-EN ISO 11885:2009	±0.20
Nikkel, Ni	⁸³⁾ 0.52	µg/l	20	SS-EN ISO 17294-2:201	±0.078
Nitrat, NO3-N	⁸³⁾ 0.14	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
Benzo(b+k)fluoranten, PAH	⁸³⁾ <0.01	µg/l		GC-MS-NCI, egen metod	±0.003
Benzo(ghi)perylene, 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⁾ 2.0	mg/l	250	SS-EN ISO 10304-1:200	±0.90
Tetrakloreten	⁸³⁾ <1	µg/l		SS-EN ISO 10301 mod.	±0.20
Trikloreten	⁸³⁾ <1	µg/l		SS-EN ISO 10301 mod.	±0.20
Sum kloretenner	⁸³⁾ <1	µg/l	10	Beräknad	
TOC, total organisk karbon	⁸³⁾ 3.4	mg/l		SS-EN 1484:1997	±0.51
Kloroform	⁸³⁾ 5.0	µg/l		SS-EN ISO 10301 mod.	±1.0

Parameter	Resultat	Enhet	Grenseverdi	Metode	Måleusikkerhet
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) 5.0	µg/l	100	Beräknad	

2024-3676-2 DR) Drikkevann (Hamar)

Gjelder: **Tisjøen Vannverk**

Merket: **B-pakke**

Tatt ut: 14.02.24 - 14.02.24

Sted: **Dal, P52**

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) 29	µg/l	200	SS-EN ISO 17294-2:201	±4.4
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) 0.11	µg/l	10	SS-EN ISO 17294-2:201	±0.017
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) 0.11	µg/l	10	SS-EN ISO 17294-2:201	±0.017
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) 0.11	mg/l	1,5	SS-EN ISO 10304-1:200	±0.10
Jern, Fe	83) 14	µg/l	200	SS-EN ISO 17294-2:201	±2.1
Kadmium, Cd	83) <0.01	µg/l	5	SS-EN ISO 17294-2:201	±0.003
Klorid	83) 1.7	mg/l	250	SS-EN ISO 10304-1:200	±0.90
Kobber, Cu	83) 4.9	µg/l	2000	SS-EN ISO 17294-2:201	±0.74
Krom, Cr	83) 0.11	µg/l	50	SS-EN ISO 17294-2:201	±0.017
Kvikksølv, Hg	83) <2	ng/l	1000	SS-EN ISO 17852 mod.	±1
Kalsium, Ca	83) 18	mg/l		SS-EN ISO 11885:2009	±2.7
Mangan, Mn	83) 0.58	µg/l	50	SS-EN ISO 17294-2:201	±0.087
Natrium, Na	83) 1.4	mg/l	200	SS-EN ISO 11885:2009	±0.21
Nikkel, Ni	83) 0.39	µg/l	20	SS-EN ISO 17294-2:201	±0.059
Nitrat, NO3-N	83) 0.15	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
Benzo(b+k)fluoranten, PAH	83) <0.01	µg/l		GC-MS-NCI, egen metod	±0.003
Benzo(ghi)perylene, 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) 2.6	mg/l	250	SS-EN ISO 10304-1:200	±0.90
Tetrakloreten	83) <1	µg/l		SS-EN ISO 10301 mod.	±0.20
Trikloretan	83) <1	µg/l		SS-EN ISO 10301 mod.	±0.20
Sum kloretenner	83) <1	µg/l	10	Beräknad	
TOC, total organisk karbon	83) 2.7	mg/l		SS-EN 1484:1997	±0.50
Kloroform	83) 5.0	µg/l		SS-EN ISO 10301 mod.	±1.0
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) 5.0	µg/l	100	Beräknad	

< betyr: Mindre enn

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

DR) Grenseverdier etter Drikkevannsforskriften

Med hilsen

Ingeborg Tønseth

Ingeborg Tønseth
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