



DANAK
TEST Reg nr. 361

Ordrenr: 806890
Sagsnavn: Toksværd vv
Udtaget: 11.09.2023
Prøvested: DGU 222.272

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ANALYSERAPPORT

Toksværd Vandværk
Toksværd Bygade 46B
4684 Holmegaard
Att.: Claus Spens

Udskrevet: 03-10-2023
Version: 1
Modtaget: 11-09-2023
Analyseperiode: 11-09-2023 -
03-10-2023
Ordrenr.: 806890

Sagsnavn: Toksværd vv
Lokalitet: Toksværd VV
Prøvested: DGU 222.272
Udtaget: 11.09.2023 kl. 09:45
Prøvetype: Råvand - Bek. 507:2023, Gruppe B, Boringskontrol
Prøvetager: LAB/HHK
Kunde: Toksværd Vandværk, Toksværd Bygade 46B, 4684 Holmegaard, Att. Claus Spens

Parameter	Resultat	Enhed	Metode
Partikler i prøve efter konservering #	Nej	-	-
FELTMÅLINGER:			
Prøvetagning, Boring	+	-	DS/ISO 5667-11:2009
Gennemskylningstid	15	min	Målt i felten
pH ved prøvetagning	7.4	pH	DS/EN ISO 10523:2012
Temperatur ved prøvetagning	9.0	°C	-
Ledningsevne v. ptagning	65.6	mS/m	DS/EN 27888:2003
Iltindhold v. ptagning	0.1	mg/l	DS/EN ISO 5814:2012
Laboratoriets målinger:			
Mangan, Mn	0.0081	mg/l	DS/EN ISO 11885:2009
Calcium, Ca++	58	mg/l	DS/EN ISO 11885:2009
Magnesium, Mg++	21	mg/l	DS/EN ISO 11885:2009
Kalium, K+	3.9	mg/l	DS/EN ISO 11885:2009
Natrium, Na+	45	mg/l	DS/EN ISO 11885:2009
Jern, Fe	0.33	mg/l	DS/EN ISO 11885:2009
Ammonium+ammoniak, NH4+	0.41	mg/l	DS/ISO 15923-1:2013+DS224:1975Mod
Nitrit, NO2-	<0.0010	mg/l	DS/ISO 15923-1:2013
Nitrat, NO3-	<0.10	mg/l	DS/ISO 15923-1:2013 + beregning
Total phosphor, P	0.011	mg/l	DS/EN ISO 6878 Del 7:2004 + DS/EN ISO 15681-2:2018
Chlorid, Cl-	36	mg/l	DS/ISO 15923-1:2013
Fluorid, F-	0.89	mg/l	DS 218:1975,MOD
Sulfat, SO4--	0.79	mg/l	DS/ISO 15923-1:2013
Hydrogencarbonat, HCO3-	360	mg/l	DS/EN ISO 9963-1:1996
Aggressiv kuldioxid, CO2	<5	mg/l	DS 236:1977
Hydrogensulfid, H2S	0.23	mg/l	DS 278:1976 + beregning
Methan, CH4	2.9	mg/l	AK129 - HS GC/FID
NVOC	1.4	mg/l	DS/EN 1484:1997+SM 5310B:2014
Arsen, As	3.2	µg/l	DS/EN ISO 17294-2:2016
Bor, B	160	µg/l	DS/EN ISO 11885:2009
Barium, Ba	10	µg/l	DS/EN ISO 17294-2:2016
Kobolt, Co	0.017	µg/l	DS/EN ISO 17294-2:2016
Nikkel, Ni	<0.030	µg/l	DS/EN ISO 17294-2:2016
2,6-dichlorphenol	<0.010	µg/l	AK158 - GC/MS
Pesticider, Drikkevand grundpakke LC/MS	-	-	-- LC/MS/MS
Pesticider, Drikkevand grundpakke GC/MS	-	-	-- GC/MS
1,2,4-triazol	<0.010	µg/l	AK207 - LC/MS/MS
2,6-DCPP (2-(2,6-dichlorphenoxypropionsyre)), 2,6-dichlorprop	<0.010	µg/l	AK78 - LC/MS/MS
4-CPP, (4-Chlorprop)	<0.010	µg/l	AK78 - LC/MS/MS
Aminomethylphosphorsyre, AMPA	<0.010	µg/l	AK144 - LC/MS/MS

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Laboratoriet er akkrediteret af DANAK. Analyseresultaterne gælder kun for de(n) analyserede prøve(r). Analyserapporten må kun gengives i sin helhed, medmindre skriftlig godkendelse foreligger. Oplysninger om måleusikkerhed findes på www.alsglobal.dk

Tegnforklaring, Resultat:
i.p.: Ikke påvist, -: analysen er ikke udført
i rapporten betyder ikke akkrediteret



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Prøvenr.:	195178/23		
Parameter	Resultat	Enhed	Metode
Atrazin	<0.010	µg/l	AK78 - LC/MS/MS
2,6-Dichlorbenzamid (BAM)	<0.010	µg/l	AK78 - LC/MS/MS
Bentazon	<0.010	µg/l	AK78 - LC/MS/MS
2,6-dichlorbenzoesyre	<0.010	µg/l	AK78 - LC/MS/MS
Desphenyl-chloridazon, DPC	<0.010	µg/l	AK78 - LC/MS/MS
Imazalil	<0.010	µg/l	AK78 - LC/MS/MS
Methyl-desphenyl-chloridazon	<0.010	µg/l	AK78 - LC/MS/MS
4-nitrophenol	<0.010	µg/l	AK78 - LC/MS/MS
2,4-dichlorphenol	<0.010	µg/l	AK158 - GC/MS
Desethylatrazin	<0.010	µg/l	AK78 - LC/MS/MS
Desethyl-desisopropylatrazin (DEIA)	<0.010	µg/l	AK78 - LC/MS/MS
Desethyl-hydroxy-atrazin	<0.010	µg/l	AK78 - LC/MS/MS
Desethylterbutylazin	<0.010	µg/l	AK78 - LC/MS/MS
Desisopropylatrazin	<0.010	µg/l	AK78 - LC/MS/MS
Desisopropyl-hydroxy-atrazin	<0.010	µg/l	AK78 - LC/MS/MS
Dichlobenil	<0.010	µg/l	AK78 - GC/MS
Dichlorprop(2,4-DP)	<0.010	µg/l	AK78 - LC/MS/MS
Didealkyl-hydroxy-atrazin	<0.010	µg/l	AK78 - LC/MS/MS
ETU (Ethylthiourea)	<0.010	µg/l	AK78 - LC/MS/MS
Glyphosat	<0.010	µg/l	AK144 - LC/MS/MS
Hexazinon	<0.010	µg/l	AK78 - LC/MS/MS
Hydroxyatrazin	<0.010	µg/l	AK78 - LC/MS/MS
Hydroxysimazin	<0.010	µg/l	AK78 - LC/MS/MS
MCPA	0.013	µg/l	AK78 - LC/MS/MS
Mechlorprop(MCPP)	<0.010	µg/l	AK78 - LC/MS/MS
Metamitron-desamino	<0.010	µg/l	AK78 - LC/MS/MS
PPU (IN 70941), (Nedbr. af Rimsulfuron)	<0.010	µg/l	AK78 - LC/MS/MS
Simazin	<0.010	µg/l	AK78 - LC/MS/MS
TFMP	<0.010	µg/l	AK78 - LC/MS/MS
Pentachlorbenzen	<0.010	µg/l	AK158 - GC/MS/SIM
N,N-Dimethylsulfamid (DMS)	<0.010	µg/l	AK207 - LC/MS/MS
Chlorothalonilamid-sulfonsyre (R417888)	<0.0050	µg/l	AK78 - LC/MS/MS
Pesticider, DRV BEK 1023:2023		-	-- LC/MS/MS
Alachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS
Dimethachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS
Dimethachlor OA (CGA 50266)	<0.010	µg/l	AK78 - LC/MS/MS
Metazachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS
Metazachlor OA	<0.010	µg/l	AK78 - LC/MS/MS
Propachlor ESA	<0.010	µg/l	AK78 - LC/MS/MS
t-Sulfinyleddikesyre (Acetochlor SAA)	<0.010	µg/l	AK78 - LC/MS/MS
CGA 369873 (Dimethachlor metab.)	<0.010	µg/l	AK78 - LC/MS/MS
Metaldehyd	<0.010	µg/l	AK78 - LC/MS/MS
[(2,6-Dimethylphenyl)(2-sulfoacetyl)amino]eddikesyre	<0.010	µg/l	AK78 - LC/MS/MS
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
6-(tert-Butylamino)-1,3,5-triazine-2,4-diol (CGA324007, LM5, nedbr. af Terbutylazin)	<0.010	µg/l	AK78 - LC/MS/MS
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
2,6-Dihydroxy-7,7-dimethyl-6,8-dihydroimidazo[1,2a][1,3,5]triazin-4(6H)-on (LM3)	<0.010	µg/l	AK78 - LC/MS/MS
PFAS 22 i grundvand		-	
PFHxS, Perfluorhexansulfonsyre	*1	<0.10	ng/l US EPA 537, CSN P CEN/TS 15968
PFOS, Perfluoroctansulfonsyre	*1	<0.30	ng/l US EPA 537, CSN P CEN/TS 15968

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PFOA, Perfluoroctansyre	*1 <0.10	ng/l US EPA 537, CSN P CEN/TS	15968
PFNA, Perfluorononansyre	*1 <0.10	ng/l US EPA 537, CSN P CEN/TS	15968
PFBA, Perfluorbutansyre	*1 <1.0	ng/l US EPA 537, CSN P CEN/TS	15968
PFPeA, Perfluorpentansyre	*1 <4.80	ng/l US EPA 537, CSN P CEN/TS	15968
PFHxA, Perfluorhexansyre	*1 <0.60	ng/l US EPA 537, CSN P CEN/TS	15968
PFHpA, Perfluorheptansyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFDA, Perfluordecansyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFUnDA, Perfluorundecansyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFDoDA, Perfluordodecansyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFTTrDA, Perfluortridecansyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFBS, Perfluorbutansulfonsyre	*1 <0.10	ng/l US EPA 537, CSN P CEN/TS	15968
PFPeS, Perfluorpentansulfonsyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFHpS, Perfluorheptansulfonsyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFNS, Perfluorononansulfonsyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFDS, Perfluordecansulfonsyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFDoDS, Perfluordodecansulfonsyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
6:2 FTS, 1H,1H,2H,2H-Perfluoroctansulfonsyre	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFOSA, Perfluoroctansulfonamid	*1 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
PFUnDS, Perfluorundecansulfonsyre	*1 <1.0	ng/l US EPA 537, CSN P CEN/TS	15968
PFTTrDS, Perfluortridecansulfonsyre	*1 <1.0	ng/l US EPA 537, CSN P CEN/TS	15968
Sum af PFOA, PFOS, PFNA, PFHxS	*2 <0.30	ng/l US EPA 537, CSN P CEN/TS	15968
Sum af PFAS, 22 stoffer	*2 <6.35	ng/l US EPA 537, CSN P CEN/TS	15968

Kommentar

Ingen kommentar

Underleverandør

- *1 ALS Czech Republic s.r.o, CAI L1163
- *2 # ALS Czech Republic s.r.o, CAI L1163

Helle Hornemann

Kopimodtagere:

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