



N° D'ACCREDITATION: 080-TEST
ISO 17025

Micro-Smedt BV

t.a.v. Katrijn Smedt

Honingstraat 2

B-2200 Herentals

Laboratory reference	2305-22612
Reception date	22/05/2023
Start date analysis	23/05/2023
State of the sample	chilled
Stockage lab	refrigerator
State of the report	definitive
Date of the report	15/06/2023

reference customer	Kraan aan blauwe tank
Sampling by:	De Schrijver Kasper (NFC)
date:	22/05/2023 14:35:00
Type of sample:	drinking water

Tests	Result	Unit	Method	Min. Max.
PAH: indeno(1,2,3-c,d)pyrene	<0,00937	µg/l	GC-MS - CMA/3/B and WAC/IV/A/002 (E)	
PAH: benzo(b)fluoranthene	<0,00937	µg/l	GC-MS - CMA/3/B and WAC/IV/A/002 (E)	
PAH: benzo(k)fluoranthene	<0,00468	µg/l	GC-MS - CMA/3/B and WAC/IV/A/002 (E)	
PAH: benzo(g,h,i)perylene	<0,00937	µg/l	GC-MS - CMA/3/B and WAC/IV/A/002 (E)	
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trihalomethanes - total	<4,0	µg/l	GC-MS static headspace - CMA/3/E, WAC/IV/A/016 (E)	100
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<i>KB 08/02/1999 (n)</i>				
Enterococci (faecal Streptococci)	0	CFU / 100 ml	NF EN ISO 7899-2 - WAC/VA/003	0
aluminium	<10	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	200
iron	1760	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	200
antimoon	<1,5	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	5
arsenic	<2,0	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	10
benzene	<0,20	µg/l	GC-MS-Headspace - CMA/3/E, WAC/IV/A/016 (E)	1
benzo(a)pyrene	<0,00937	µg/l	GC-MS - CMA/3/B en WAC/IV/A/002 (E)	0,01 0
boron	<0,200	mg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	1
cadmium	<0,50	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	5
chloride	9,07	mg/l	discrete analyser (ISO 15923-1) (WAC/III/C, CMA/2/I/C) (E)	250
chromium	<3,0	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	50
total cyanide	<10,0	µg/l	spectrofotometry (CMA/2/I/C.2.2; WAC/III/D/036) (E)	50
1,2-dichloroethane	<0,60	µg/l	GC-MS-Headspace - CMA3/E, WAC/IV/A/016 (E)	3
fluoride	<0,20	mg/l	CMA/2/I/C.1.1, WAC/III/C/020 - CMA/2/I/C.1.2, WAC/III/C/022 (E)	1,5
copper	4,3	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	2000
mercury	<0,15	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	1
lead	0,51	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	10
manganese	19,1	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	50
sodium	7,72	mg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	200
nickel	<3,0	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	20
total organic carbon (TOC)	<2,0	mg C/l	WAC/III/D/050 (E)	
polycyclic aromatic hydrocarbons	<0,0328	µg/l	CMA/3/B WAC/IV/A/002 sum:benzo(b)fluoranthene, -(k)fluoranthene, -(ghi)perylene, indeno(123cd)pyrene (E)	0,1
pesticides (organochlorine) (screening)	cf. annex	µg/l	GC-MS after extraction (WAC/IV/A/015) (E)	0,5

selenium	<1,0	µg/l	ICP-MS - ISO 17294 (CMA/2/I/B.5, WAC/III/B/011) (E)	10
sulphate	16,3	mg/l	ISO 15923-1 (discrete analyser) (WAC/III/C, CMA/2/I/C) (E)	250
tetrachloroethene	<0,50	µg/l	GC-MS static headspace - CMA/3/E, WAC/IV/A/016 (E)	10
trichloroethene	<0,50	µg/l	GC-MS static headspace - CMA/3/E, WAC/IV/A/016 (E)	10
acrylamide	<0,10	µg/l	LCMS/MS - own method (E)	0,1
bromate	<0,0001 (LOD)	mg/l	NBN EN ISO 15061 (E)	0,01
epichlorohydrin	<0,10	µg/l	DIN EN 14207-09 (E)	0,1
vinyl chloride	<0,50	µg/l	GC-MS static headspace - CMA/3/E, WAC/IV/A/016 (E)	0,5
ammonium	<0,15	mg/l	WAC/III/E (ISO 15923-1, discrete analyser) (E)	0,5

KB 14/01/2002 (n)

Conclusion: all numerical results, in bold, are not satisfactory (unless the min - max values concern target values)(parameters, of wich the norm not is indicated, have not been evaluated)

(*): estimated value- (**): accredited test, if CMA or WAC method: also VLAREL-approved - (E): extern lab- (E**): accredited test by extern lab - (n): source of min-max values

Applicant
remark:

Lab
remark: Sampling method MW ** - Monstername verslag is beschikbaar, zie ons referentnummer. MO Fe: 11%

These test results exclusively refer to the subject described above. The uncertainties of measurement and details about the external are known and can be asked for at the laboratory. This report may not be reproduced, only in its complete form, without the written permission of the laboratory.
 If the sampling has been executed by the customer, only the date of receipt can be taken into account in relation to the conditions of preservation.

Rapport lay-out: R029A10-02



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Managing Director