

	Greenland and EU criteria [i,ii] Tap water	Danish criteria [iii] From water works	Kangerluarsuit (04.A)		Kangerluarsunguaq (06.A)	Qorlortup Qoorua (06.B)		Saarlup Tasersua (06.C)	
			Stream 1	Stream 2		Lake	Water-fall		
Lead, Pb	µg/l	<10	<5	0.032	0.073	0.09	0.11	0.18	0.065
Mercury, Hg	µg/l	<1	<1	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02
Nickel, Ni	µg/l	<20	<20	<0.030	<0.030	0.4	0.1	1.1	0.3
Selenium, Se	µg/l	<10	<10	0.06	<0.05	<0.3	<0.3	<0.3	<0.3
Silver, Ag	µg/l		<10	<0.1	<0.1	<0.1	<0.1	<0.1	0.56
Zinc, Zn	µg/l	<100	<100	0.9	1.1	3.2	3.3	4.2	2.6
Beryllium, Be	µg/l			<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Cobalt, Co	µg/l			<0.040	<0.040	<0.1	<0.1	<0.1	<0.1
Niobium, Nb	µg/l			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Strontium, Sr	µg/l			.	.	4.2	3.1	3.5	8.6
Tantalum, Ta	µg/l			.	.	<0.1	<0.1	<0.1	<0.1
Uranium, U	µg/l			0.76	0.26	0.3	<0.1	0.10	<0.1
Vanadium, V	µg/l			<0.5	<0.5	<1	0.12	<1	<1
Zirconium, Zr	µg/l			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
PAH, PCB, pesticides and PCP [v]									
Sum of Benzo(b+k)fluoranthen	µg/l	<0.1	<0.1	0	0	0	0.140	0	0
Benzene	µg/l	<1	<1	0.056	0.18	0	0	0	0
Toluene	µg/l		<1	1.8	2.5	0.04	0	0	0.08
Ethylbenzene	µg/l		<1	0.14	0.17	0	0	0	0
M+p-xylene	µg/l		<1	0.64	0.64	0	0	0	0.04
o-xylene	µg/l		<1	0.10	0.12	0	0	0	0
Bacteria and spores									
Total coliforms	/100ml	0	0	.	.	10	.	97	-
E. coli	/100 ml	0	0	.	.	-	.	-	-
Colony counts 37°C	/ml	<20 [vii]	<5	.	.	1	.	20	-[vi]
Colony counts 22°C	/ml	<100 [vii]	<50	.	.	58	.	100	1
Faecal streptococcus	/100 ml	0	0	.	.	.	.	.	.
Clostridium perfringens	/100 ml	0	0	.	.	-	.	-	-
Clostridium perfringens (spores)	/100 ml	0	0	.	.	.	.	.	.
Pseudomonas aeruginosa	/100 ml	0 [vii]		.	.	-	.	-	-
Laboratory	Miljølaboratoriet, DK (2006)			Eurofins, DK (2006)			Dronning Ingrid's Hospital (DIH), Nuuk (2006)		

- [i] Greenland Home Rule: Order No. 7 of 17. March 2008 on water quality and inspection of water supply plants. Criteria for water at the users' tap
- [ii] European Union: The Council directive 98/83/EC of 3 November 1998 on quality of water intended for human consumption. Criteria for water at the users' tap
- [iii] The Danish Environmental Ministry: Order no. 1449 of 21st. December 2007 on water quality and inspection of water supply plants. Criteria for water leaving treatment plant
- [iv] Oxygen content at the consumer tap should be greater than 5 mg/l, ref. [iii]
- [v] All analyses are below detection limit except mentioned
- [vi] Sample from 30-08-3006 shows 4 counts/ml
- [vii] Bottled water

Bold figures indicate that DK quality criteria for water from treatment plant are exceeded; figures in **bold and red** indicate quality criteria for water at the user tap are exceeded

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No analysis

... No information available

0 Below detection limit

- Zero

Ad [iii] For water leaving the water works (values in parenthesis are recommended)

Ad [ii] Some values are indicator parameters and if exceeded a risk assessment of consequences for human health should be made. For microbiological and chemical parameters (heavy metals, contaminants) the maximum values must be complied with