

Turku delivered	1.1.2018 - 31.12.2018					
The basic parameters	n	min	max	med	avg	STM 442/2014*
Alkalinity, mmol/l	6	0.72	0.77	0.75	0.75	
Al, µg/l	4	13	15	14	14	< 200 (b)
NH ₄ -N, µg/l	6	<3	16	5	-	< 500 (b)
As, µg/l	8	1.5	1.8	1.7	1.7	<10 (a)
Acidity, mmol/l	4	<0.02	<0.02	<0.02	-	
Hg, µg/l	8	<0.01	<0.01	<0.01	-	<1 (a)
F, µg/l	8	70	110	90	89	<1500(a)
Odor	51	Odorless				No unusual changes (b)
Cd, µg/l	4	<0.01	0.01	<0.01	-	<5 (a)
Cl, mg/l	8	11	12	12	11.9	< 250 (b)
Total hardness, mmol/l	6	0.49	0.54	0.53	0.52	
Total hardness, °dH	6	2.8	3.0	2.9	2.9	
Cr, µg/l	4	0.11	0.23	0.15	0.16	<50 (a)
Cu, µg/l	4	0.6	0.8	0.7	0.7	<2000 (a)
Pb, µg/l	4	<0.05	<0.05	<0.05	-	<10 (a)
T, °C	4	7.7	9.6	8.0	8.3	
Taste	51	Tasteless				No unusual changes (b)
Mn, µg/l	6	<1	<1	<1	-	< 50 (b)
Na, mg/l	8	4.2	4.5	4.3	4.3	< 200 (b)
Ni, µg/l	4	<0.3	<0.3	<0.3	-	<20 (a)
NO ₃ -N, µg/l	8	390	490	455	448	<11000 (a)
NO ₂ -N, µg/l	8	<2	<2	<2	-	<150 (a)
pH	6	8.4	8.6	8.6	8.5	6.5-9.5 (b)
Fe, µg/l	6	<2	6	2	-	< 200 (b)
Turbidity, FNU	6	<0.1	0.1	<0.1	-	No unusual changes (b)
SO ₄ , mg/l	8	9	11	9.5	9.7	< 250 (b)
EC, µS/cm	6	140	140	140	140	< 2500 (b)
TOC, mg/l	6	1.7	2	1.9	1.9	No unusual changes (b)
Color, mg/l Pt	51	<1	2	1	-	No unusual changes (b)
Microbiological quality						
Enterococci, cfu/100 ml	4	0	0	0	0	0 (a)
E. coli, cfu/100 ml	51	0	0	0	0	0 (a)
Coliform bacteria, cfu/100 ml	51	0	0	0	0	0 (b)
Heterotrophic plate count (3d), cfu/ml	51	0	1	0	0.1	No unusual changes (b)
Pesticides, trihalomethanes, PAH and VOC compounds:						
PAH, µg/l	4	Not found				In total < 0.1 (a)
- Benzo(a)pyrene, µg/l	4	<0.005	<0.005	<0.005	-	<0.01 (a)
Pesticides, µg/l*	8	Found				In total < 0.5 (a)
- Atrazine, µg/l	8	<0.005	0.005	<0.005	-	<0.1 (a)
- Dalapon, µg/l **	8	0.32	0.68	0.36	0.40	<0.1 (a)
- DEET, µg/l	1	<0.005	<0.005	<0.005		<0.1 (a)
Trihalomethanes, µg/l	4	24	30	25	26	In total < 100 (a)
- Chloroform, µg/l	4	21	26	22	23	
- Bromodichloromethane, µg/l	4	2.9	3.9	3.1	3.3	

* Finnish Ministry of Health (STM), (a) = quality requirement, (b) = quality recommendation

** Ministry of Health statement about dalapon (STM/2023/2010): If water is chlorinated dalapon should be treated as a by-product of disinfection and not as a pesticide