

## TAPP 2 Twist-eL

### NSF/ANSI 42 - Aesthetic Effects

Contaminant	Percent	Influent	Maximum
Chloramine	> 97.5%	3.0 +/- 10%	0,5
Chlorine	99%	2.0 +/- 10%	> or =50%
Particulate Class I	> 99%	particles/mL	> or =85%

### NSF/ANSI 53 - Health Effects

Contaminant	Percent	Influent	Maximum
Alachlor*	>98%	0,05	0,001
Asbestos	>99%	107 to 108	99% requirement
Atrazine*	>97%	0,1	0,003
Benzene*	>99%	0,081	0,001
Chlordane	>99%	0.04 +/-10%	0,002
Chloroform	>99.5%	0,3	0,015
2, 4-D*	98%	0,11	0,0017
Lead pH 6.5	>95%	0.15 +/- 20%	0,01
Lead pH 8.5	>95%	0.15 +/- 20%	0,01
Lindane	>99%	0,055	0,00001
Mercury pH 6.5	>99%	0.006 +/- 10%	0,002
Mercur pH 8.5	>99%	0.006 +/- 10%	0,002
TRihalometha	>99%	0,3	0,015
Turbidity	>99%	10 +/- 10% NTU	0.5 NTU

### Other contaminants

Contaminant	Percent	Influent	Maximum
<b>Pathogens</b>			
Clostridium	0%	100 UFC / 100ml	0
eColi	95%	100 NMP /	0
Enterococcus	95%	100 UFC / 100ml	0
Microbial Cysts	95%	100 UFC / 100ml	0
<b>Chemical</b>			
Cyanide total	95%	50 µg +/- 20%	50 µg
Fluoride	70%	1.5 +/- 20%	1,5
Mercury	90%	1 µg +/- 20%	1 µg
Nitrites	70%	0.1 +/- 10%	0,1
Nitrates	70%	50 +/- 10%	50
<b>Metals</b>			
Aluminium	90%	200 µg	200 µg
Antimony	90%	5 µg	5 µg
Arsenic	50%	10 µg	10 µg
Barium	90%	1000 µg	1000 µg

Cadmium	90%	5 µg	5 µg
Copper	80%	2000 µg	2000 µg
Iron	80%	200 µg	200 µg
Lead	95%	10 µg	10 µg
Manganese	80%	50 µg	50 µg
Nickel	80%	20 µg	20 µg
Selenium	80%	10 µg	10 µg
Sodium	0%	200 µg	200 µg
Zinc	80%	5000 µg	5000 µg
<b>Chlorine bi-</b>			
1,2	95%	3 µg +/- 10%	3 µg
Total	95%	10 µg +/- 10%	10 µg
Trichloroethylene*	95%	-	-
Tetrachloroethylen	95%	-	-
<b>Chlorine bi-</b>			
Total	95%	100 µg +/- 10%	100 µg
4 individual*	95%	-	-
<b>HAAs</b>			
Total haloacetic	95%	60 µg +/- 10%	60 µg
<b>Pesticides</b>			
Chlordane	95%	2 µg +/-10%	2 µg
Heptachlor	95%	0.4 µg +/-10%	0.4 µg
Lindane	95%	0.2 µg +/-10%	0.2 µg
Additional 11	95%	-	-
<b>Herbicides</b>			
2,4 -D	>95%	70 µg +/-10%	70 µg
Atrazine	>95%	3 µg +/-10%	3 µg
Additional 9	95%	-	-
Total Herbicides	>95%	0.5 µg +/-10%	0.5 µg
<b>Pharmaceuticals*</b>			
Atenolol	>95%	-	-
Carbamazepine	>95%	-	-
Estrone	>95%	-	-
Meprobamat	>95%	-	-
Trimethoprim	>95%	-	-
<b>Perfluorinated</b>			
PFOA	>95%	-	-
PFOS	>95%	-	-
PFNA	>95%	-	-
<b>Unclassified</b>			

Microplastics	>99%	100 pieces / L	$\leq 1$
Limescale	>80%	Reduction in	

**TAPP 2 Click (during first 3 months when the old cartridge is in use)**

**NSF/ANSI 42 - Aesthetic Effects**

Contaminant	Percent	Influent	Maximum
Chloramine	> 97.5%	3.0 +/- 10%	0,5
Chlorine	98%	2.0 +/- 10%	> or =50%
Particulate Class I	> 99%	particles/mL	> or =85%

**NSF/ANSI 53 - Health Effects**

Contaminant	Percent	Influent	Maximum
Alachlor*	>98%	0,05	0,001
Asbestos	>99%	107 to 108	99% requirement
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Mercury pH 6.5	>99%	0.006 +/- 10%	0,002
Mercur pH 8.5	>99%	0.006 +/- 10%	0,002
TRIHALOMETHA	>99%	0,3	0,015
Turbidity	>99%	10 +/- 10% NTU	0.5 NTU

**Other contaminants**

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<b>Pathogens</b>			
Clostridium	0%	100 UFC / 100ml	0
eColi	95%	100 NMP / 100ml	0
Enterococcus	95%	100 UFC / 100ml	0
Microbial Cysts	95%	100 UFC / 100ml	0
<b>Chemical</b>			
Cyanide total	90%	50 µg +/- 20%	50 µg
Fluoride	70%	1.5 +/- 20%	1,5
Mercury	80%	1 µg +/- 20%	1 µg
Nitrites	70%	0.1 +/- 10%	0,1
Nitrates	70%	50 +/- 10%	50
<b>Metals</b>			
Aluminium	70%	200 µg	200 µg
Antimony	70%	5 µg	5 µg
Arsenic	30%	10 µg	10 µg
Barium	90%	1000 µg	1000 µg

Cadmium	90%	5 µg	5 µg
Copper	80%	2000 µg	2000 µg
Iron	80%	200 µg	200 µg
Lead	80%	10 µg	10 µg
Manganese	80%	50 µg	50 µg
Nickel	80%	20 µg	20 µg
Selenium	80%	10 µg	10 µg
Sodium	0%	200 µg	200 µg
Zinc	60%	5000 µg	5000 µg
<b>Chlorine bi-</b>			
1,2	95%	3 µg +/- 10%	3 µg
Total	95%	10 µg +/- 10%	10 µg
Trichloroethylene*	95%	-	-
Tetrachloroethylen	95%	-	-
<b>Chlorine bi-</b>			
Total	95%	100 µg +/- 10%	100 µg
4 individual*	95%	-	-
<b>HAAs</b>			
Total haloacetic	95%	60 µg +/- 10%	60 µg
<b>Pesticides</b>			
Chlordane	95%	2 µg +/-10%	2 µg
Heptachlor	95%	0.4 µg +/-10%	0.4 µg
Lindane	95%	0.2 µg +/-10%	0.2 µg
Additional 11	95%	-	-
<b>Herbicides</b>			
2,4 -D	>95%	70 µg +/-10%	70 µg
Atrazine	>95%	3 µg +/-10%	3 µg
Additional 9	95%	-	-
Total Herbicides	>95%	0.5 µg +/-10%	0.5 µg
<b>Pharmaceuticals*</b>			
Atenolol	>95%	-	-
Carbamazepine	>95%	-	-
Estrone	>95%	-	-
Meprobamat	>95%	-	-
Trimethoprim	>95%	-	-
<b>Perfluorinated</b>			
PFOA	>95%	-	-
PFOS	>95%	-	-
PFNA	>95%	-	-

Microplastics	>99%	100 pieces / L with	$\leq 1$
Limescale	>30%	Reduction in	

## TAPP 1

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Mercury	>30%	1 µg +/- 20%	1 µg
Nitrites	>30%	0.1 +/- 10%	0,1
Nitrates	>30%	50 +/- 10%	50
<b>Metals</b>			
Aluminium	0%	200 µg	200 µg
Antimony	>30%	5 µg	5 µg
Arsenic	0%	10 µg	10 µg
Barium	>30%	1000 µg	1000 µg

Cadmium	>30%	5 µg	5 µg
Copper	>30%	2000 µg	2000 µg
Iron	>30%	200 µg	200 µg
Lead	0%	10 µg	10 µg
Manganese	0%	50 µg	50 µg
Nickel	0%	20 µg	20 µg
Selenium	0%	10 µg	10 µg
Sodium	0%	200 µg	200 µg
Zinc	0%	5000 µg	5000 µg
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