

Tapp Water SL
Carrer de Blesa, 27
08004 Barcelona
Spain

EU DECLARATION OF CONFORMITY

1. Products

PitcherPro: 4260657680680

PitcherPro Refills: 4260657680758 and 4260657680697

(unique identification numbers of the products covered)

2. Tapp Water SL, Carrer de Blesa, 27, 08004 Barcelona, Spain

3. This declaration of conformity is issued under the sole responsibility of the manufacturer:

Tapp Water SL

4. Object of the declaration:

- PitcherPro
- PitcherPro Refills

hereinafter referred to as “PitcherPro“

5. The object of the declaration described in point 4 is in conformity with the relevant legislation:

6. References to the relevant harmonised standards used, or references to the specifications in relation to which conformity is declared:

FCM – All materials used adhere to the EU FCM requirements

CE Mark - PitcherPro is CE certified with the logo on the product

ROHS2 - All materials used adhere to the EU requirements for Electronic Waste, PitcherPro does not contain prohibited substances above the maximum concentration values (MCV) listed in Article 4 and Annex II of the European Union directive 2011/65/EU on the

restriction of the use of certain hazardous substances in electrical and electronic equipment (recast), also known as RoHS2).

RoHS6 - PitcherPro does not contain lead, mercury, cadmium, hexavalent chromium, PBB's or PBDE's.

European Standard EN 1208:2005 Compliant: PitcherPro is compliant with European Standard EN 1208:2005 for chemicals used for treatment of water intended for human consumption.

REACH Compliance: PitcherPro does not contain any chemicals on the REACH SVHC List.

European Legislation on Food Contact Materials: PitcherPro does not apply any danger to health or environment according to article 3 in Framework Regulation 1935/2004/EC.

PitcherPro is manufactured according to Regulation 2023/2006/EC on good manufacturing practice.

The products have been tested for compliance in accordance with the following NSF standards

NSF/ANSI Standard 42: Drinking Water Treatment Units - Aesthetic Effects

NSF/ANSI Standard 53: Drinking Water Treatment Units - Reduce a contaminant with a health effect.

NSF/ANSI Standard 60: Drinking Water Treatment Chemicals - Health Effects, for use in potable water systems

Note: The products are not officially NSF certified due to ongoing product improvements.

7. Additional information:

PitcherPro is designed and developed in Barcelona, Spain and manufactured in Shenzhen, China with assembly and packaging as close to each region as possible.

Appendix A: PitcherPro Filtration and Materials

Appendix B: Lab Tests and what TAPP filters

Appendix C: Specifications

Appendix D: Eurofins Health Certificate (ACC/ACS)

Additional independent lab tests are available on requests from SimpleWater (LA, NY, Toronto), AQA (Barcelona), Oliver Rodes (Barcelona, Spain) and Itabe (Barcelona, Spain)

Signed for and on behalf of:

2022-03-01 in Barcelona, Spain

Magnus Jern, Director

TAPP Water

APPENDIX A: PitcherPro Filtration and Materials

PitcherPro is the most innovative 5-stage Microfiltration Technology available today. It combines the highest quality organic coconut activated carbon in a super compressed block with proprietary materials to achieve physical microfiltration, extreme adsorption and limescale inhibition with a high flow rate.

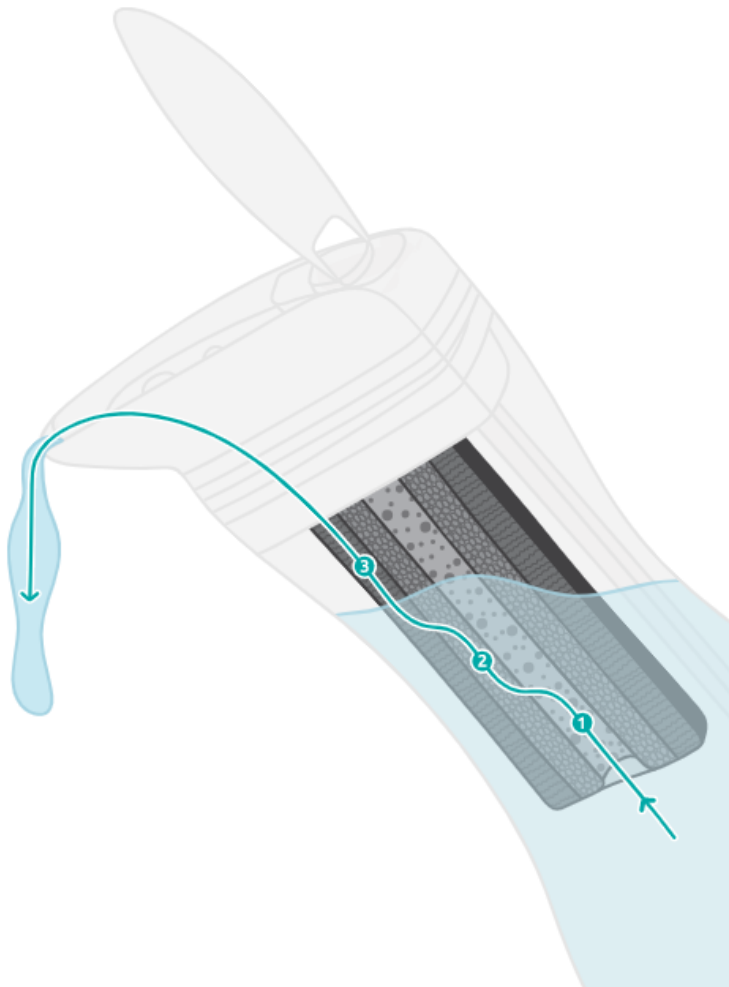


Image: Illustration for PitcherPro filtration system

Simplified the 4 stages include:

Stage 1. Polypropylene screen

This wraps around the carbon block and filters out larger microorganisms, sediment, silt, rust, scale particles and other impurities. It also protects the carbon block from being contaminated by human hands when it's changed.

Stage 2: Carbon Fiber including Adsorption and Microfiltration

The organic activated carbon removes chemical organic material, chlorine, chlorine byproducts (VOCs, THMs, HAAS, etc) taste, odor, pesticides, herbicides, PFAS and

80+ other contaminants. It also reduces heavy metals including lead, copper, mercury and more.

The 1 micron carbon fiber is designed to prevent particles larger than 1 micrometres from passing through. This prevents for example all microplastics, suspended particles and most bacteria from passing through the filter. It also prevents most particles from pipe corrosion and biofilm (bacteria build inside the pipes) from passing through.

Stage 3: Alkaline and Magnesium balls

Increases the alkalinity and minerals in the water for better taste and health.

Stage 4: Limescale

PitcherPro reduces limescale with 80% up to 3 months.

Materials

High quality ABS plastic (BPA Bisphenol A free)

Carbon Fiber made out of AquaSorb™ organic activated carbon by Jacobi. This is compliant with international standards, including NSF, EN and AWWA. Jacobi uses EcoGreen Furnaces and ethical sourced coconuts.

High quality Borosilicate glass

Versions

PitcherPro comes in two versions:

- With alkaline and magnesium balls
- Without alkaline and magnesium balls

Specifications of PitcherPro

See appendix C.

Flow-rate and capacity

PitcherPro has been optimised for filtration at a flow rate of 0.8-1L/min. As a reference the normal tap delivers about 8-10L/min at full throttle and Brita pitchers filter at 0.1-0.2 L/min.

The materials used have all been tested and optimised for filtering a volume of about 450L of tap water or about 3 months usage for a family of 4. This is based on filtration of 80+ contaminants. Other filters may claim higher filtration volumes but this is usually only for chlorine.

Cartridge replacements

The cartridges for PitcherPro are designed to last up to 3 months (about 450 liters of water) for a normal household. They should never be used longer due to the risk of bacteria build-up and reduced water filter efficiency over time. The casing has been designed to be reused for up to 10 years. At the end of life it can be recycled with plastic after it's been separated from the inner filter cartridge.

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APPENDIX B: WHAT PitcherPro FILTERS

Based on independent testing and research PitcherPro filters/removes 80+ potential substances from tap water and reduces more than 30 others. Here's an overview of what it filters and the reduction efficiency.

Substance	Description of what is being filtered	Reduction
Organoleptics parameters (taste, colour and odor)	The unpleasant taste or smell of water is generally caused by Chlorine, its by-products and organic contaminants.	95% or more
Chlorine and Chloramine	Chlorine is added to disinfect tap water from harmful viruses and bacteria.	95% or more
Chlorine by-products	Over 100 by-products incl 32 known chlorine by-products (VOCs) such as THMs identified as potentially cancerous	95% or more
Microplastics	Plastic pieces of a few micrometers length	95% or more
Heavy metals	Occur naturally in traces amounts in water and caused by pipelines corrosion such as lead, zinc, manganese, copper, etc	90% or more
Pesticides	14 listed pesticides including Chlordane, Heptachlor, and Lindane	95% or more**
Herbicides	12 listed herbicides including 2,4-D and Atrazine	95% or more**
Nitrate & Nitrites	Generally caused by fertilizers. Nitrites exist in very low concentration in water, unlike nitrates.	70% or more
Pharmaceuticals	Pharmaceuticals in very small concentrations have been found in tap water. This includes e.g. Atenolol, Carbamazepina, Estrone, Meprobamat and Trimethoprim	95% or more**
PFAS	This includes PFOA, PFOS and PFNA. Sometimes referred to as forever chemicals.	90% or more**

Pathogens	Most "bad" bacteria including eColi as well as Microbial cyst including giardia and cryptosporidium	90% or more
Limescale	Limescale formation is reduced when the filtered water is used in kettles, coffee machines, pitchers or in other places	80% or more***
Turbidity	Turbidity is a measure of the degree to which the water loses its transparency due to the presence of suspended particulates.	90% or more

* The percentages of efficiency of the filter as well as its lifetime will vary depending on the initial quality of your tap water.

** Based on public research by NIH and other research institutions of activated carbon in block form as used in PitcherPro. See [what activated carbon filters remove and reduce](#).

*** Depends on water hardness and how extreme the limescale formation is. 80% is the average reduction.

What PitcherPro doesn't filter

A common misconception is that a water filter should remove everything from tap water. Here's a list of the substances and parameters that PitcherPro does not remove or change and why.

Substance(s)	Description
TDS (Total Dissolved Solids)	TDS is basically the charged minerals in your water such as inorganic salts and small amounts of organic matter that are dissolved in water. These are usually calcium, magnesium, sodium, potassium, carbonate, bicarbonate, chloride, sulphate and nitrates. Most lab reports use Electrical Conductivity instead of TDS. TDS does not in any case indicate if the water is drinkable or not.
Healthy minerals	Minerals include calcium, potassium, magnesium, chloride, etc that humans need to survive. These essential minerals are insignificantly reduced by carbon blocks.
Hardness	Hard water is water that has high concentration of Calcium and Magnesium. For drinking purposes, hard water is mostly an advantage.

Independent Lab Tests to confirm the filter works as stated

Every year we carry out lab tests with third party labs. Here's an overview of one of these tests carried out by [SimpleWater](#), one of the most renown labs in the world, in Los Angeles, United States during 2021*. The link below the table includes the full list of substances with external sources by the lab to verify the claims.

Parameter/Substance	Before filtration	After filtration	Reduction

Total Chlorine (ppm)	0.8	<0.05	More than 95%
Chloramine (ppm)	0.8	<0.05	More than 95%
pH	7.8	7.9	Not applicable
Turbidity (NTU)	0.17	Not detected	100%
Microplastics (particles / L)	29	Not detected	100%
Nitrate & Nitrite (ppm)	0.22	Not detected	100%
Heavy Metals (Average for Lead, Manganese, Zinc, Barium) (ppm)	0.15	Not detected	100%
Chlorine disinfection bi-products (THMs, VOCs, HAAs,...) (ppb)	6	Not detected	100%

**Note: The reason for picking [Los Angeles, USA](#) is that this was the worst tap water in terms of contaminants that we found during all the tests. Lab reports are also available for New York, Toronto, Barcelona, Milan and Indonesia.*

Full report:

Please contact us on support@tappwater.co if you have questions about what TAPP removes or the lab results.

Appendix C

PitcherPro Faucet Water Filter

Capacity

Capacity of 450 liters per cartridge. Approximately 2-3 months of use.

PitcherPro Refill Cartridges

Capacity of 450 liters per cartridge. Approximately 2-3 months of use.