

SAVARIN SPRINGS INC.

BOTTLE WATER COMPANY

1575 STRASBURG RD

KITCHENER ON N2R 1K2

PHONE 519-895-0944

Our source Reverse Osmosis and Distilled water start out as softened and carbon filtered municipal water. We offer chemical free steam Distilled water. Our on-site Distillers boil water and collect steam in several heating chambers until the water is very pure (less than 1 ppm of TDS – total dissolved solvents). The Reverse Osmosis water goes through a 9 stage commercial R.O. unit. The end result is very good water quality with a TDS of around 10 ppm. Both are stored in stainless steel holding tanks. The water is then pumped through 1-micron filters into an ozone contact tank. We add oxygen and electricity to the contact tank to create ozone (O₃). The ozone levels are applied in the 1.0 to 2.0 mg/L range for a period of four to ten minutes of contact time to ensure disinfection. This level helps maintain a 0.2 to 0.4 ppm residual ozone level at the time of bottling. This provides an additional safety factor because the bottles can be disinfected and sanitized while filling the product. After approximately 24 hours, the ozone breaks down into oxygen. Ozone levels are computer regulated and manual checked daily.

Bottles are washed, sterilized and filled automatically in a machine. The operator is responsible for smelling and examining the empty bottles before they are put in the machine. There are 3 specific wash stations in the machine. There is a primary polycarbonate soap wash, a hydrogen peroxide rinse and a potable water rinse. The bottles are washed inside and out for 1 minute at each station. A computer to ensure the correct concentration monitors all of the soap and solution levels. We also conduct manual soap/rinse solution tests to ensure proper concentrations. The bottles are filled at a rate of 250 per hour. They are then date and time coded before stored in our on-site warehouse. All of our pumps, holding tanks and supply lines are made of food grade stainless steel with sanitary seamless welds.

The finished water product is tested daily by Maxxam Analytical, an independent Lab in Mississauga.

Marcus Pfeil
Owner