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## Review of the Strauss Water MAZE T Water Treatment Technology and Market Research Information on Existing Countertop and Under Sink POU Products for Evaluating Potential Competition

### About the Author

Dr. Gary Hatch has worked for more than 40 years in the Point-of-Use/Point-of-Entry water treatment industry and has been a consultant in that industry since his retirement in 2009 from Pentair Residential Water, a division of Pentair Water where he served as Director of Research and Development for the last seven years of his long, successful career.

He earned a doctorate degree in analytical/inorganic chemistry from Kansas State University (USA) with his research studies focusing on iodinated anion exchange resin disinfectants for emergency drinking water applications. He also earned BA and MS degrees in chemistry from Emporia State University (Kansas, USA).

He has authored many peer reviewed articles in American Chemical Society journals and in water treatment trade journals. He has also authored or co-authored 10 US Patents in the areas of water disinfection technologies, water treatment products and enhanced carbon block technologies.

Dr. Hatch has been awarded the Award of Merit and the Key Award from the Water Quality Association in recognition of his volunteer work on many technical committees, and has been awarded The Honor of Emeritus Status by NSF International for his many years of assisting NSF with the development, improvement and maintenance of their drinking water treatment unit standards: 42, 53, 55, 58, 62 and 177.

### Executive Summary

Residential Point-of-Use (POU) water treatment products sold globally can be designed with a myriad of water treatment technologies for improving the quality of water for drinking and cooking.

A technical assessment for determining comparison and competition against the MAZE T product was based on the products' performance claims made for the following five categories of contaminants: Aesthetics; Microbiological contaminants; Chemical and Other contaminants; Heavy Metals; Incidental Contaminant.

I have reviewed the Strauss Water MAZE-T technology for water treatment in the WaterBar category and market research on existing countertop and under sink POU products. I have evaluated the potential competition of their water treatment technologies.

Among all potential competitors' water treatment technologies and products available in the market, there are no products that can compete with Strauss Water's MAZE-T under the WaterBars category. Therefore, the MAZE-T is the best and most advanced product and technology available in the market today.

A handwritten signature in black ink, appearing to read "Gary Hatch", is written over a thin horizontal line. The signature is cursive and somewhat stylized.

Gary Hatch, Ph.D.

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