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Rapid Field Test for Measurement and Discrimination of Organic and Inorganic Chloramines

Technology provides separate, accurate measurements of organic and inorganic chloramines to optimize swimming pool sanitization and water quality management.

A Purdue University researcher has developed technology that provides separate measurements of organic and inorganic chloramines in pool water, improving the quality and accuracy of the information associated with the water test. This technology allows for efficient treatment of swimming pools for rapid and persistent sanitization.

Advantages:

-Provides accurate information about pool's water quality

-Can differentiate between organic and inorganic chloramines

Potential Applications:

-Swimming pool water management

-Water testing

-Water safety

TRL: 4

Intellectual Property:

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Keywords: Chloramine measurement technology, pool water quality testing, organic chloramine detection, inorganic chloramine detection, swimming pool sanitation, water safety technology, pool water treatment, chloramine

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GreenTech/Water & Resource Management
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differentiation, accurate water testing, persistent sanitization