

Longevity Couture™ Announces Outstanding H2HUBB Test Results for UltraHy™ Molecular Hydrogen Water Bottle

Independent Testing Confirms Superior Hydrogen Water Performance and Quality

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[Longevity Couture™](#), the premium health and wellness brand by Ultrahealth Technologies LLC, is proud to announce the exceptional results of the independent testing and evaluation conducted by [H2HUBB](#), a leading authority in hydrogen water product analysis. The [UltraHy™](#) High Concentration Molecular Hydrogen Water Bottle, Longevity Couture's™ flagship product, has been rigorously tested and officially recommended by H2HUBB for its outstanding performance in delivering therapeutic levels of dissolved hydrogen. This marks the second independent validation of the UltraHy™ bottle's performance, following prior testing by H2 Analytics, solidifying its position as a top-tier portable hydrogen water generator.

Superior Hydrogen Concentration for Optimal Health Benefits

The UltraHy™ High Concentration Molecular Hydrogen Water Bottle was put through a series of comprehensive tests to evaluate its ability to produce dissolved hydrogen (H₂) in water. According to H2HUBB's findings, the device achieved an average dissolved hydrogen concentration of 5.50 mg/L (ppm) during a 10-minute cycle, with a peak concentration nearing 6.0 mg/L (ppm). These results far exceed the performance of many competing hydrogen water bottles, which typically produce only 0.1–0.3 mg of H₂ per cycle.

UltraHy™ Delivers High Concentration Hydrogen Water



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LONGEVITY COUTURE™

UltraHy™ - High Concentration Molecular Hydrogen Water Bottle

The UltraHy™ bottle's ability to deliver a clinically relevant therapeutic dose of hydrogen aligns with current scientific research, which suggests that 1-3 mg of H₂ per day is sufficient to induce therapeutic effects in humans. H2HUBB's testing confirmed that the UltraHy™ bottle not only meets but surpasses their stringent performance standards for both H₂ concentration and daily dose of H₂, making it a standout product in the hydrogen water market.

Independent Testing and Validation by H2HUBB and H2 Analytics

The UltraHy™ bottle has now been independently tested by two leading authorities in hydrogen water analysis: H2HUBB and H2 Analytics. H2 Analytics, using gas chromatography (GC), reported a dissolved hydrogen concentration of 6.21 mg/L (ppm) in a 10-minute cycle. H2HUBB's results, which averaged 5.50 mg/L (ppm), were slightly lower but remain consistent with H2 Analytics' findings.

The variance between the two tests is attributed to differences in measurement methodologies. H2 Analytics' gas chromatography detects both dissolved hydrogen gas and quasi-dissolved hydrogen gas, which remains in solution for 1–3 minutes after production. In contrast, H2HUBB's H₂Blue® Test Reagent method measures only dissolved hydrogen gas, specifically nanobubbles (10–1000 nm), which take 1–2 hours to fully come out of solution. This methodological difference explains why H2HUBB's results are typically within 5-15% of H2 Analytics' values.

The consistency between these two independent tests underscores the reliability and performance of the UltraHy™ bottle. Consumers can trust that the device delivers high concentrations of dissolved hydrogen, as validated by two respected testing authorities.

Key Features and Performance Highlights

Advanced PEM/SPE Technology: The UltraHy™ bottle features a PEM/SPE membrane, ensuring consistent hydrogen gas production regardless of water conductivity.

Portable and Easy to Use: With a 280 mL capacity, the bottle is designed for convenience and features a touch-sensitive button for 5-minute and 10-minute hydrogen generation cycles.

Safe and Contaminant-Free: H2HUBB's testing confirmed no detectable levels of chlorine (Cl₂) or ozone (O₃), ensuring the water remains pure and safe for consumption.

Efficient H₂ Production: Powered by a 3.7 V +1800 mAh battery, the UltraHy™ bottle delivers a total dissolved hydrogen content of 1.54 mg H₂ (equivalent to 18.70 mL of H₂ gas) in a 10-minute cycle.

Consumer Recommendations

H2HUBB recommends using the UltraHy™ bottle for 10-minute cycles to maximize hydrogen intake. With a single 10-minute session delivering a therapeutic dose of hydrogen, the device is an excellent choice for individuals seeking to incorporate molecular hydrogen therapy into their

daily wellness routine.

About Longevity Couture™ by Ultrahealth Technologies LLC

Longevity Couture™, a brand by Ultrahealth Technologies LLC, is dedicated to providing innovative health and wellness solutions that combine cutting-edge technology with elegant design. The UltraHy™ High Concentration Molecular Hydrogen Water Bottle is a testament to the brand's commitment to quality, performance, and consumer satisfaction.

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