

NEWS RELEASE

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Cerilliant Introduces Snap-N-Shoot[®] Multi-component Certified Reference Standards for Dietary Supplement Testing

ROUND ROCK, TEXAS – January 3, 2012 – Cerilliant introduces three new multi-component Certified Solution Standards of two botanicals widely used as dietary supplements - Ginkgo biloba (terpenes lactones and flavonoids) and Green tea. The multi-component mixes contain the most common phytochemicals found in each botanical at a concentration of 100 μ g/mL for each component. A Ginseng Ginsenosides Mix including eight ginsenoside analogs will be available early 2012.

"FDA regulations published in June 2007 focus on practices to ensure the identity, purity, quality, strength, and composition of dietary supplements. Preparation of an accurate reference is critical to accuracy of testing and not all laboratories are equipped to deal with the special challenges associated with complex natural products" comments Mitzi Rettinger VP of Cerilliant. "Limited supply and cost of reference materials may also lead to less than robust characterization. Fully certified Snap-N-Shoot[®] multi-component mixes provide a convenient and cost effective way to ensure high quality testing in the industry."

Full characterization and proper handling are critical in the analysis of phytochemicals. Phytochemicals may contain high levels of residual solvent or non-chromatographical materials left behind after extraction. Materials including air sensitive antioxidants to hygroscopic materials such as Stevia present additional handling challenges. These situations may lead to invalid reference standard values. Cerilliant's certified solution standards begin with fully characterized raw materials, are manufactured using a validated process, and flame-sealed under argon in 1 mL aliquots to minimize waste and provide additional precautions for storage of these sensitive phytochemicals. Rigorous testing, including accelerated and real time studies, ensures solution accuracy and shelf life. Cerilliant Snap-N-Shoot[®] solutions are supported by comprehensive Certificates of Analysis (COA) which provide all analytical data as well as uncertainty and traceability information to support the laboratory's regulatory requirements.

Cerilliant is the only fully accredited manufacturer of a wide selection of certified solution standards for use in dietary supplement testing, including Snap-N-Shoot[®] | Snap-N-Spike[®] solution standards of phytochemicals, vitamins, steroids and hormones, residual solvents, and pesticides.

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About Cerilliant

Cerilliant Corporation, located in Round Rock, Texas, is a global leader in providing certified reference standards for critical applications. The company has been providing certified reference materials for over 30 years. Cerilliant offers approximately 3,000 catalog products and a full range of custom products and services that address the stringent and complex requirements of the pharmaceutical, clinical diagnostic, clinical/forensic toxicology, natural products, and environmental industries. Cerilliant sustains a modern, robust quality system which incorporates cGMP, GLP, and ISO requirements. We are accredited to ISO Guide 34 and ISO/IEC 17025 and certified to ISO13485 and ISO 9001. Our quality system incorporates GMP and GLP requirements.

Cerilliant Corporation is a subsidiary of Sigma-Aldrich[®]. For more information about Cerilliant, please visit <u>www.cerilliant.com</u>.

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