



NEWS RELEASE

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Cerilliant Introduces Snap-N-Spike® Certified Reference Solutions of Catecholamines

ROUND ROCK, TEXAS – July 25, 2011 – Cerilliant introduces twelve new Snap-N-Spike® certified reference solutions of catecholamines, the body's fight or flight hormones, including innovative multi-component mixes for use in HPLC and LC-MS/MS testing methods.

Starting with Cerilliant's Certified Spiking Solutions® eliminates variability that may arise from weighing of compounds, like catecholamines that are sensitive to air and light, and allows the laboratory to spike a known concentration of analyte into their matrix of choice prior to use. Cerilliant's solutions begin with extensive characterization of the neat materials to determine an accurate weighing adjustment, are gravimetrically prepared using validated processes, and flame sealed under argon into ampoules for long-term shelf-life. Rigorous testing, including accelerated and real time studies, ensures solution accuracy and shelf life. Cerilliant Snap-N-Spike® solutions are supported by comprehensive Certificates of Analysis (COA) which provide all analytical data as well as uncertainty and traceability information for a laboratory's regulatory requirements.

In commenting on accuracy Mitzi Rettinger, Vice President of Cerilliant states, "Cerilliant Certified Spiking Solutions® of catecholamines are prepared using extensive environmental and process controls to eliminate degradation caused by exposure to air and light providing laboratories a convenient and efficient option that also enables accuracy of results laboratories provide to physicians."

Cerilliant's offering includes three new multi-component mixes to further enhance laboratory efficiencies by reducing the time required to prepare stock solutions. Mixes include epinephrine/norepinephrine; metanephrine/ normetanephrine and major metabolites 5-HIAA, VMA, and HVA along with stable labeled internal standards of epinephrine, norepinephrine, metanephrine, normetanephrine, dopamine, 5-Hydroxyindoleacetic acid (5-HIAA), vanilmandelic acid (VMA), and homovanillic acid (HVA). They are organized according to catecholamine class or metabolism for flexibility and ease of use as starting materials in preparation of linearity standards, calibrators, or controls for LDTs.

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Reference Solutions of Catecholamines*

Certified concentration values for the components in each mix provide increased efficiency from less time weighing and preparing stock solutions to remaking pools or rerunning samples due to possible differences in raw material purity factors. These certified solutions are suitable for other critical quantitative applications such as internal proficiency testing or for OEM use in preparation of reagents, assay development, and instrument IQ/OQ. The full panel of catecholamine internal standards offers convenience and one-stop selection for the user's LC-MS/MS testing or isotope dilution methods.

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 more than 2,800 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 ISO 9001:2008.

Cerilliant Corporation is a subsidiary of Sigma-Aldrich®. For more information about Cerilliant, please visit www.cerilliant.com.

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