



SafeBridge Consultants, Inc. Announces Improved Sensitivity for Naproxen Sodium Air Samples

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SAFEBRIDGE® CONSULTANTS, INC. ("SafeBridge"), headquartered in Mountain View, California announced today that its industrial hygiene analytical laboratory has successfully validated an industrial hygiene air sampling and analytical method with improved analytical sensitivity for measurement of naproxen sodium on filters. SafeBridge's laboratory can now quantify naproxen sodium collected on air sampling media at levels down to 5 picograms per filter. This limit of quantification is ten (10) times lower than methods available from other commercial laboratories.

Naproxen sodium is used in the pharmaceutical, chemical and nuclear industries for containment verification studies and as a surrogate for more potent or toxic compounds to assess potential worker exposure and the performance of containment and control equipment during typical operations. Naproxen sodium has a number of advantages over traditional surrogates such as lactose. It has a high "dustiness quotient" presenting a more aggressive test than lactose and is considered a non-potent water-soluble material. Air monitoring surveys using naproxen sodium are conducted to replicate the performance of containment equipment under "real life" operating conditions.

With this improvement in sensitivity, naproxen sodium can now be measured at airborne concentrations as low as 0.1 nanograms per cubic meter (ng/m^3) for 15 minute tasks. This creates an effective tool for organizations involved in handling hazardous materials in powder and liquid forms and to verify that controls can achieve the low Occupational Exposure Limits (OELs) and CPTs for highly toxic or potent compounds. This is important to pharmaceutical and chemical companies as well as containment and engineering control vendors to support safety in drug development activities.

SafeBridge's industrial hygiene laboratory is accredited by the American Industrial Hygiene Association - Lab Accreditation Program (AIHA-LAP) for the analysis of active pharmaceutical ingredients. The SafeBridge advantage is the application of the most sensitive techniques in the industry to detect potent drugs at very low concentrations in the workplace. The laboratory routinely develops methods and analyzes samples that contain biologically active pharmaceuticals such as steroid hormones, enzymes, peptide hormones, antibody drug conjugates (ADCs) and "cytotoxic" compounds. In addition, the laboratory conducts assessments of acceptable cleaning procedures to identify methods used to protect workers and to prevent product cross-contamination. The SafeBridge laboratory employs, HPLC, LC/MS and ELISA technologies to detect low concentrations of highly potent drugs on filters and swabs.

SAFEBRIDGE CONSULTANTS, INC. is the premier occupational health and safety consulting firm to the pharmaceutical, biotechnology and fine chemical industry with offices in Mountain View, CA, New York, NY, Exton, PA and Liverpool and Ware, UK and is a fully-owned subsidiary of Trinity Consultants, Inc based in Dallas, TX. SafeBridge has provided the Potent Compound Safety Triangle® of services in industrial hygiene, occupational toxicology and industrial hygiene

analytical chemistry to over 1200 business units worldwide and is a leader in recognizing, evaluating and controlling exposures to potent active pharmaceutical ingredients and products.

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SafeBridge Consultants, Inc.

**The premier resource for High Level Safety,
Health and Environmental Support**

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