



501-3292 Production Way, Burnaby, B.C., V5A 4R4

Phone: (604) 551-7831 Fax: 604-676-2767

info@cannabixtechnologies.com

cannabixtechnologies.com

Cannabix Technologies Files Breath Sample Capture Patent and Detects Delta- 8 THC in Early Testing

Vancouver, British Columbia, August 4, 2023 -- Cannabix Technologies Inc. (CSE: BLO) (OTC PINK: BLOZF) (the “Company or Cannabix”) developer of marijuana and alcohol breath testing devices reports that it has filed an International Patent Application (“PCT”) titled, “Apparatus and Methods for Capturing Non-Volatile and Semi-Volatile Substances from Breath”. This PCT application covers new innovations and intellectual property related the development to the detection of volatile organic compounds (VOCs) and Semi-Volatile Substances (like delta-9 THC) using the handheld Cannabix Breath Collection Unit (“BCU”). The BCU allows for the efficient collection, adsorption and desorption of analytes of low volatility from human breath.

Highlights and Updates:

- The Company has filed a new patent for its BCU related technology allowing for effective breath sample collection from humans for typically very difficult to detect non-volatile compounds in breath (like delta-9 THC).
- Cannabix’s Mass Spectrometer Breath Sampler (“MSBS”) technology along with BCU have been providing consistent results in the detection of delta-9 THC in breath from smoking and THC infused edibles consumption. The Company reports that early testing with Delta- 8 THC in standards, in the low 10-100 picogram range, have been detected using the MSBS technology. Delta-8 THC is present in small amounts in hemp and has psychoactive and intoxicating effects, similar though less potent compared to delta-9 THC. Since it is extracted from legal forms of cannabis and concentrated, it has been of increasing concern for law enforcement and state governments. The Company is planning testing with metabolized delta-8 THC.
- Cannabix is advancing discussions with industry leading forensic laboratory organizations on how to best integrate its novel MSBS hardware into current forensic testing and analysis methods.
- California to usher in a new employment statute for cannabis testing that will position breath testing for cannabis as an important alternative to legacy methods.

The new PCT covers various novel methods for efficient collection of analytes of low volatility from human breath developed by the Company. This includes liquid secondary adsorption, the concept behind the MSBS, which has repeatedly demonstrated efficient capture and release of THC. This novel method uses the breath aerosol as a carrier of solid and viscous liquid particle analytes as well as a secondary adsorbent to prevent sample loss from droplet surface contact and deposition. This is a unique capability in that current methods focus solely on volatile analytes in breath, while the non-volatile components provide much more information about the subject. Cannabix has been continuously improving collection efficiency of the BCU, and sample transfer efficiency of the MSBS such that the results are comparable or better relative to conventional Liquid chromatography–mass spectrometry (LC-MS) forensic methods, which are time-consuming and expensive.

Breath samples collected portably with the BCU have detected and confirmed delta-9 THC in breath out to 4 hours after smoking even after being stored and analyzed up to two days after sample collection, demonstrating the robustness and utility of the method. The Company is advancing discussions with industry leading forensic laboratory organizations on how to best integrate its BCU and MSBS hardware into current forensic testing and analysis methods. Cannabix's marijuana breath testing technologies are meeting the growing demand for new non-invasive, fairer, and more accurate delta-9 THC testing.

Significant changes in California's employment laws have been adopted by its state legislature (known as "Assembly Bill 2188" or "AB 2188") whereby employers in California will be prohibited from making employment decisions based upon the presence of *non-psychoactive cannabis metabolites* in drug screening – these are molecules that stay in a cannabis user's system for days, weeks, or even months after use. Furthermore, employers will need to ensure that commencing January 1, 2024, they do not make any adverse employment decisions based upon an applicant's or employee's off-duty cannabis use (1). Cannabix's MSBS technology has been specifically built to detect *recent cannabis use* – detecting Delta-9 THC, the psychoactive component of marijuana that causes impairment – using breath samples, within 1-4 hours after consumption.

Rav Mlait, CEO, commented, "We have been steadily growing and strengthening our intellectual property portfolio in the arena of breath testing -- this is testament to the ability of Cannabix engineers to innovate. Our BCU and MSBS hardware continue to show very good sensitivity due to the ability to effectively collect and desorb breath samples containing non-volatiles like delta-9 THC."

(1) <https://www.perkinscoie.com/en/news-insights/california-to-protect-employee-off-duty-cannabis-use-effective-2024.html>

About Cannabix Technologies Inc.

Cannabix Technologies Inc. is a developer of marijuana and alcohol breathalyzer technologies for law enforcement, workplaces and laboratories. Cannabix is working to develop delta-9 THC and alcohol screening devices. Delta-9 THC is the psychoactive component of marijuana that causes impairment. Breath testing for delta-9 THC would allow employers and law enforcement to identify recent marijuana use that better aligns with impairment. Cannabix is the developer of *contactless breath alcohol detection devices* for employers and other settings.

We seek Safe Harbor.

On behalf of the Board of Directors

"Rav Mlait"

CEO
Cannabix Technologies Inc.

For further information, contact the Company at info@cannabixtechnologies.com

The CSE has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.

Cautionary Statement Regarding Forward-Looking Statements

This press release contains forward-looking information that involves various risks and uncertainties regarding future events. Such forward-looking information can include without limitation statements based on current expectations involving a number of risks and uncertainties and are not guarantees of future performance of the Company, such as final development of a commercial or prototype product(s), successful trial or pilot of company technologies, no assurance that commercial sales of any kind actually materialize; no assurance the Company will have sufficient funds to complete product development. There are numerous risks and uncertainties that could cause actual results and the Company's plans and objectives to differ materially from those expressed in the forward-looking information, including: (i) adverse market conditions; (ii) risks regarding protection of proprietary technology; (iii) the ability of the Company to complete financings; (iv) the ability of the Company to develop and market its future product; and (v) risks regarding government regulation, managing and maintaining growth, the effect of adverse publicity, litigation, competition and other factors which may be identified from time to time in the Company's public announcements and filings. There is no assurance that its development of breathalyzer technologies will provide any benefit to the

Company, and no assurance that any proposed new products will be built, will be successful in beta testing or clinical trials. There is no assurance that the Company will enter into any partnerships to advance any of its corporate initiatives or technologies. There is no assurance that any “patent pending” or “provisional patents” technologies licensed by the Company or owned by the Company will receive patent status by regulatory authorities. The Company is not currently selling commercial breathalyzers. Actual results and future events could differ materially from those anticipated in such information. These and all subsequent written and oral forward-looking information are based on estimates and opinions of management on the dates they are made and are expressly qualified in their entirety by this notice. Except as required by law, the Company does not intend to update these forward-looking statements.