



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

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

info@cannabixtechnologies.com

cannabixtechnologies.com

Cannabix Technologies Participates in New Study with Marijuana Breathalyzer technology – Southern United States

Cannabix is developing Marijuana Breathalyzer devices to give law enforcement and employers a tool to enhance public safety

Vancouver, British Columbia, July 12, 2022 -- Cannabix Technologies Inc. (CSE: BLO) (OTC PINK: BLOZF) (the “Company or Cannabix”) developer of marijuana breathalyzer devices for law enforcement and the workplace reports that the Company is participating in a new comprehensive multi-analysis study of subjects under the influence of marijuana. The new study will work along side toxicologists and law enforcement officers in the southern United States. In late June, the Company participated in the first of three testing sessions that are expected to be held over the summer. The Company has been coordinating for several months on its participation in this study with senior administrators. The study will test subjects under the influence of marijuana alongside several conventional drug screening methods (blood, oral fluid etc.), in conjunction with the use of Cannabix’s proprietary breath capture and marijuana detection equipment (described below). Further, details of the study will be available in due course when disclosure approvals are granted to the Company.

Cannabix has granted use of its *Breath Collection Unit* and newly developed laboratory “*MS Breath Sampler*” equipment to this important new research study focused on the detection of marijuana impairment in human subjects. The Company is building upon recent independent study results that showed excellent correlation between blood plasma THC and breath samples collected and analyzed with Cannabix equipment (see news release dated May 9, 2022). The Company’s handheld *Breath Collection Unit* and newly developed laboratory “*MS Breath Sampler*” were used to detect the low volatile THC samples from breath with analysis completed without sample preparation and the results confirmed by conventional mass spectrometry.



New Cannabix Breath Collection Unit (BCU)

This kind of study underway in southern United States will provide an important launch point for Cannabix devices in terms of a law enforcement and toxicology audience. Cannabix is using its marijuana breathalyzer technology to detect $\Delta 9$ -tetrahydrocannabinol (“THC”) - the psychoactive component of marijuana that causes impairment, in breath. Breath testing for THC would allow law enforcement to quickly and practically identify recent marijuana use that aligns with the timing window of impairment, unlike other technologies such as saliva or urine.

Currently, Cannabix is focussed on capturing and analyzing real-world breath data using its equipment. Company scientists are confirming these breath results against gold-standard techniques of mass spectrometry – the primary method that the toxicologist community, regulatory bodies and other stakeholders rely on routinely for analytical confirmation. The research study is an important opportunity to provide relevant real-world data for regulators and other experts seeking new ways to effectively screen for marijuana impairment. Cannabix will use most of the same hardware for its point of care (FAIMS based) detection system. The Company expects to expand such testing as it prioritizes various requests.

According to the NHTSA report to congress (2017) THC in blood drops rapidly after cessation of smoking. In contrast to alcohol, which is metabolized at a relatively steady rate, THC is metabolized at an exponentially declining rate where the THC blood level first drops rapidly, followed by a slower decline as lower THC levels are reached. Within 30 minutes of smoking THC level can decline 80 – 90 percent from its peak level, while levels of metabolite increase (which can be identified using the Cannabix MS Breath Sampler). After a few hours, only low or no THC can be detected in blood. Confirmation of drug presence as quickly as possible after the time of a law enforcement stop is paramount to increase the chance of convictions for recency of use in drugged driving. Use of Cannabix equipment can help reduce the time to confirm drug presence with easy to collect breath samples using breath analysis techniques that law enforcement officers are already familiar with.

About Cannabix Technologies Inc.

Cannabix Technologies Inc. is a developer of marijuana breathalyzer technologies for law enforcement and the workplace. Cannabix is working to develop drug-screening devices that will detect THC - the psychoactive component of marijuana that causes impairment using breath samples. Breath testing for THC would allow employers and law enforcement to identify recent marijuana use that better aligns with impairment. Cannabix devices are in the advanced prototype and pre-clinical testing stage.

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 marijuana breathalyzer technology 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 existing “patent pending” technologies licensed 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.