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## **Cannabix Achieves New Benchmark for FAIMS Marijuana Breathalyzer Technology**

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

Vancouver, British Columbia, October 18, 2021 -- 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 engineers have made major advancements on its high-field asymmetric waveform ion mobility spectrometry (“FAIMS”) breathalyzer for analyte sensitivity and portability.

In recent live breath testing of marijuana smokers, the Cannabix FAIMS bench device has demonstrated the sensitivity, resolution and discrete responses needed to isolate  $\Delta 9$ -tetrahydrocannabinol (“THC”) - the psychoactive component of marijuana that causes impairment as well as other key marijuana metabolites (such as 11-hydroxy THC) and other cannabinoids from the thousands of other compounds present in breath. This kind of selectivity is significant because it provides far more pharmacokinetic information than detection of THC alone, and can allow for greater discernment of a subject’s recency of cannabis use. This has been achieved with a testing set up requiring only a few breaths which is collected and analyzed on-site within seconds, without any sample preparation needed. Development of the Cannabix FAIMS drug screen device is aimed primarily for the law enforcement market.

Furthermore, over recent months engineers have focussed on systematically reducing the size of the FAIMS electronics and components, and developing a fully battery powered system, further paving the way for a portable device. Engineers are building a novel system that meets the power and heat dissipation requirements in the field for a complex high voltage square wave generator. Critical achievements in relation to power supply, air flow, cooling, electronics and detector module are well underway and showing promising early results.

Cannabix is using its FAIMS technology to detect  $\Delta 9$ -tetrahydrocannabinol (“THC”), a non-volatile compound, in breath. Breath testing for THC would allow law enforcement to identify recent marijuana use that better aligns with impairment. The Cannabix device has been designed and built in a series of modules that together allow for sample intake, ionization, filtering and detection – all done under atmospheric pressure. In particular, the device uses ion mobility filtering techniques (related to mass spectrometry – the gold standard analytical technique for molecular detection). In addition, the device has the ability to couple directly to a mass spectrometer in order for chemical species validation.

## 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](mailto: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.