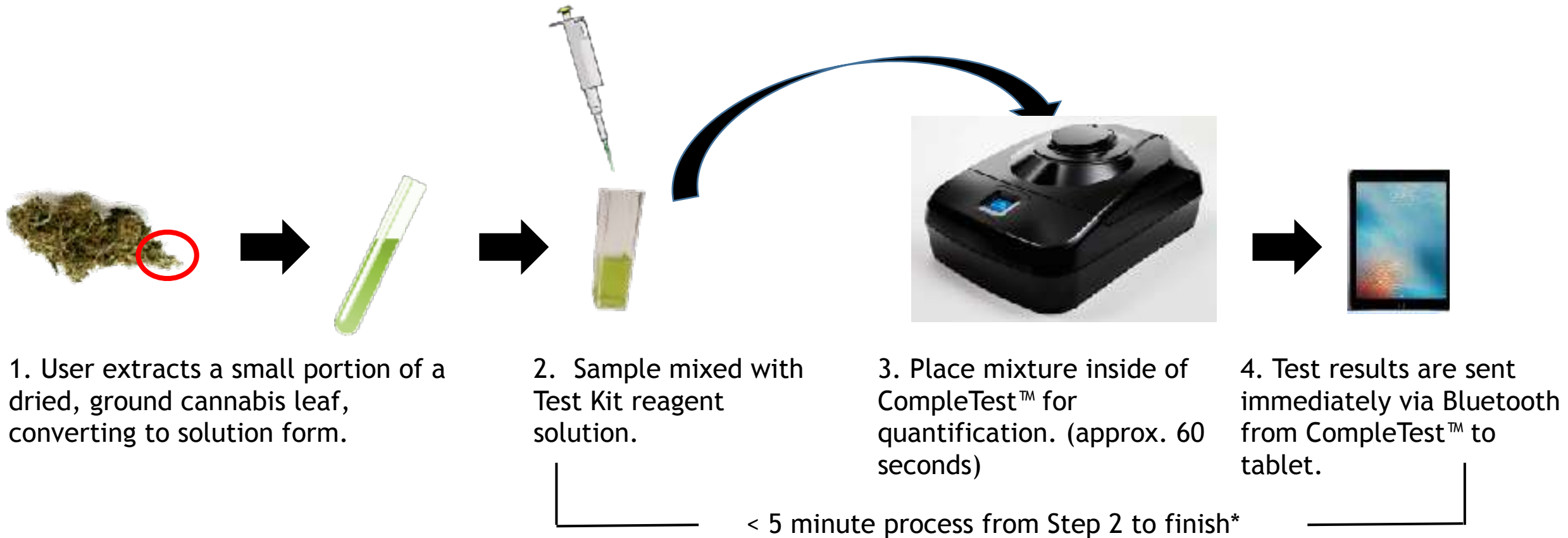




# Ultra Sensitive Testing

# CompleTest™ and Test Kit solutions work fast, inexpensive and user friendly



- CompleTest™ is currently working to determine optimal extraction time. The extraction process is common for all high quality testing methods.
- CompleTest™ allows testing while the plant is growing

# Potency Testing Tetrahydrocannabinol (THC) & Cannabidiol (CBD)

- THC is the main psychoactive component of the marijuana plant, and is the primary agent responsible for creating the “high” feeling, which is desired by recreational users.
- CBD has the same chemical formula as THC, but the atoms are arranged differently, and as such does not create a psychoactive effect. CBD is the main component used for medicinal purposes.
- Licenses Producers are required to test for potency levels (amount of THC and CBD) now.
- Producers require real time accurate potency testing results throughout the entire growth cycle to optimize production yields
- The amount of THC and CBD from one cannabis plant to another can vary greatly, and even from the top of a particular plant to the bottom of the same plant.

***CompleTest™ provides portable accurate potency testing within minutes  
without specialized lab equipment***

# Health hazards related to growing/consuming cannabis – heavy metals, banned pesticides

- Globe & Mail recent articles about hazardous chemicals found in medical marijuana:
  - “Banned pesticide found at medical marijuana company” *May 3, 2017.*
  - “Marijuana producer details source of banned pesticide problem” *June 5, 2017.*
  - “Mysterious symptoms and medical marijuana: patients are looking for answers” *August 19, 2017.*
- Some users of Canada’s medical marijuana program have suffered severe adverse health consequences from using marijuana that has been exposed to certain pesticides and/or heavy metals. While the body’s digestive system safely processes small amounts of pesticides in food, when these same pesticides are inhaled, the body has no mechanism for processing them, and so even minute amounts of pesticide can be extremely hazardous.
- Myclobutanil is a commonly used pesticide for growing crops and vegetables. However, when myclobutanil is heated, it releases Hydrogen Cyanide and poses a health hazard to the body, catching the attention of regulators.
- Heavy metals – Cadmium, Mercury, and Lead – have the capability to accumulate in the body without being able to get rid of them, and are dangerous to consumers even in tiny amounts over time.

***CompleTest™ is continuing to develop a suite of tests  
to detect the presence of all hazardous chemicals***



## Mass Spectrometry equipment

# Current testing equipment options – Mass Spec and HPLC

### Mass Spectrometry

- Desk sized device that analyzes many molecules at once. Outsourced to certified labs.
- Capital costs of \$1M+; labour – requires highly educated and trained personnel.
- Time – it takes 2+ hours to complete one test; 10 – 14 days turnaround time.
- Results – there is a degree of interpretation required which can greatly vary test results.

### High Performance Liquid Chromatography

- Desk sized device that analyzes many molecules at once. Typically outsourced to certified labs.
- Capital costs of \$250K; labour – requires highly educated and trained personnel.
- Time – it takes 1 – 2 hours to complete one test; 10 – 14 days turnaround time.



**Current “Gold Standard technology has significant “Cross Lab Variability” results.**

**CompleTest™ is the cost effective, portable, solution that provides consistent results in minutes**

# CompleTest™ and Testing Kits

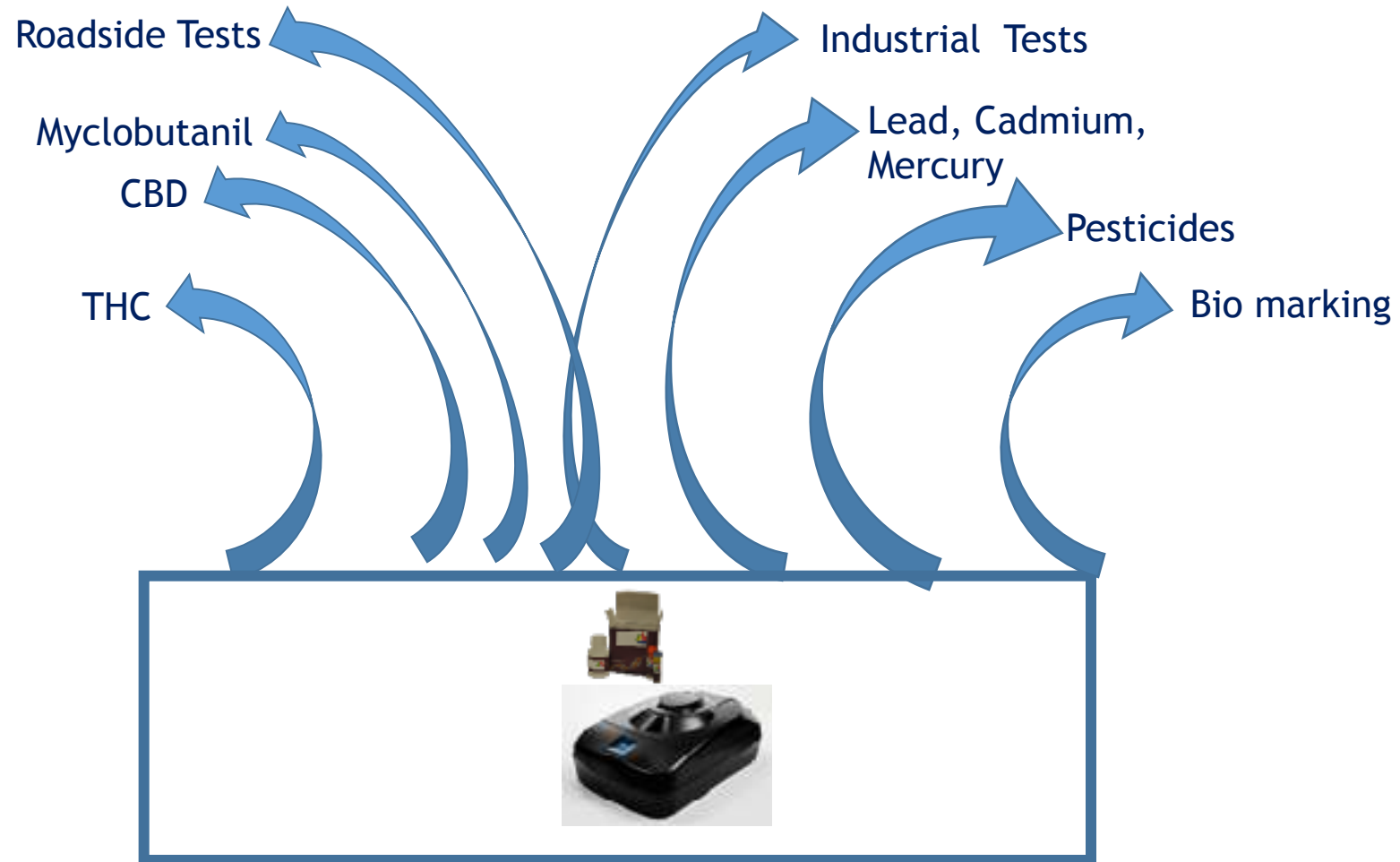
- *CompleTest™* is a small device used to test for heavy metals, banned pesticides and potency of marijuana.
- Test results are communicated to a tablet via Bluetooth.
- Inside the *CompleTest™* hardware are Modules that measure and collect data that are analyzed and used for calculations by the software on the tablet.
- Data can be downloaded to a spreadsheet for automatic record keeping and sent to Health Canada.
- Different Testing Kits will be required for each type of test – THC, myclobutanil, CBD, Lead etc.



# CompleTest™ & Test Kits advantages

- **Fast** – in-house testing and simple procedure for results when you need them.
- **Cost effective** – for higher margins or results on a budget.
- **Portable** - able to be moved on site at Licensed Producer's location.
- **Accurate** – data you can trust is data you can use.
- **Consistent results** – consistency is a huge issue plaguing current testing solutions.
- **Easy to use** – no complex setup or interpretation required.

# CompleTest™ is the solution for all users







Contact us for a  
Demonstration!

1-833-949-8378 (1-833-WHY-TEST)

[Info@flurotech.com](mailto:Info@flurotech.com)