Give Your Lab a Head Start

Agilent eMethods for cannabis testing

Ready-to-run eMethods make complex testing simple

Setting up a cannabis testing lab is a major undertaking. Among other priorities, expertise is required in analytical testing to initiate and maintain compliant data generation. A new analytical tool, the Agilent eMethod, is designed to establish and sustain reliable and efficient analytical measurements faster and easier.

A suite of eMethods based on LC, LC/MS, GC/MS, ICP-MS instrumentation, and unique sample preparation and sample introduction techniques are ready to support your testing requirements. With the information provided by eMethods, your lab will:

- Minimize risk and effort in the design/planning of analyses
- Eliminate delays—no missing or incompatible components
- Maximize profitability—quick start-up with ready-to-run methods
- Increase lab productivity

Each eMethod includes:

- Information about the most suitable instrument and configuration
- Optimized analytical methods for sample introduction, chromatographic separation, detection, and data analysis
- A list of expertly selected sample preparation protocols and consumables
- Best practices for sound implementation

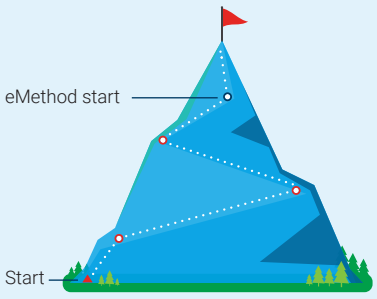
These new analytical tools deliver comprehensive, end-to-end workflows that every cannabis or hemp testing laboratory needs in the following application areas:

The Agilent cannabis eMethod-based workflows accelerate application implementation by decreasing development time, reducing downtime, and increasing throughput to keep up with sample volume—all supported by an expert team of Agilent scientists and engineers.

We have done the hard work for you

eMethods save you valuable start-up time and reduce or even eliminate the extensive work involved in:

1. Researching the analysis
2. Understanding the requirements
3. Choosing the right instruments and consumables
4. Verifying sample preparations
5. Optimizing the analytical methods
6. Streamlining data analysis and reporting



Compared to starting from the ground up, in an eMethod, we have already done most of the initial work for you.

Agilent

Trusted Answers

How do eMethods accelerate analysis?

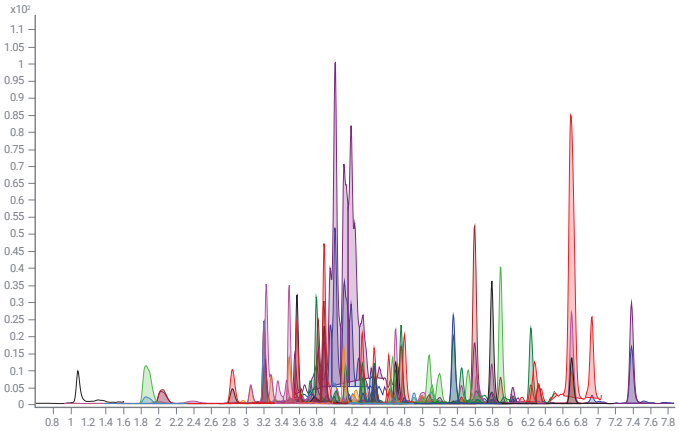
The Agilent cannabis eMethods are designed to meet the most demanding cannabis-related regulatory requirements. Our offerings reflect various regiona regulations, and recommend multiple instrument platforms to accommodate preferences. Each method will deliver the necessary analytical information for successful analyses.

Efficient sample preparation and carefully chosen supplies

Cannabis is a complex, heavy matrix. Agilent has predefined sample preparation workflows specifically designed for each analysis. From ceramic homogenizers to sample vials, our experts have meticulously selected consumables and supplies to ensure streamlined operation.

Optimized acquisition methods for automation, chromatographic separation, and detection

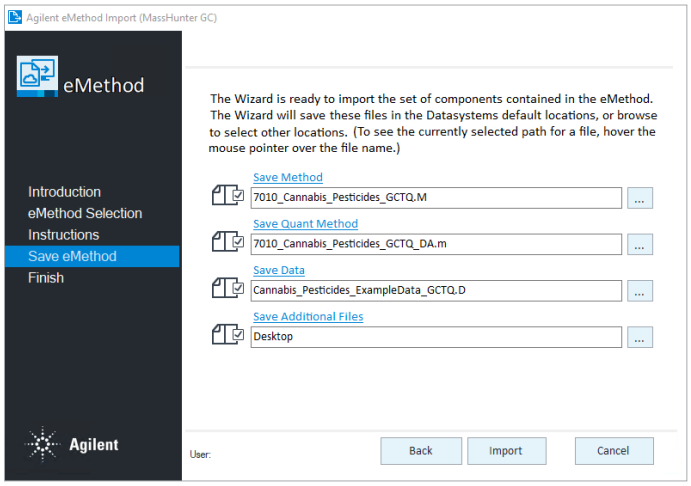
We have chosen the most robust instrumentation and method parameters to accommodate even the highest throughput laboratories. Whether you have to monitor 5 or 95 analytes, our methods will provide the shortest cycle times and the longest maintenance-free operation. Our optimized system conditions will consistently reach the required detection limits.



LC/MS/MS eMethod: detection of 69 pesticides and 5 mycotoxins in less than 8 minutes. The concentration shown is 0.5 ppb (125 ppb in plant material).

Simplified data analysis/data review/reporting

Our software tools and preselected quantitation methods and templates enable easy data interpretation, review, and reporting.



The eMethod utility software allows for the convenient installation of the optimized methods and provides access to other essential resources to support your successful analysis.

Available eMethods

Potency measurement in flowers and concentrates/oils
1220 Infinity II LC and variable wavelength detector
InfinityLab LC/MSD iQ

Pesticides and mycotoxins in flowers
Triple quadrupole LC/MS
Triple quadrupole GC/MS

Coming soon:

Residual solvents in concentrates and oils
GC/MSD

Terpenes in flower and oil extracts
GC/MSD

Heavy metals in flowers, concentrates, edibles, lotions
Quadrupole ICP-MS

Expert application and service support

Our experienced and extensive team of scientists and engineers are ready to support you along the way. Visit **http://www.agilent.com/chem/cannabis-testing-emethods**

Agilent products and solutions are intended to be used for cannabis quality control and safety testing in laboratories where such use is permitted under state/country law
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This information is subject to change without notice.

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