

Confidently Analyze Cannabis Flower and Hemp

Application compendium for cannabis potency and safety



Concerned About Ensuring the Potency and Safety of Cannabis Products?

Many countries or states have created medicinal marijuana programs or legalized the adult recreational use of cannabis products. These regions require testing to ensure the quality and safety of products before they reach the consumer.

Agilent Cannabis Consumables Kits minimize the need for tedious manual method development. They include all the sample preparation products, columns, and supplies required to identify and quantify cannabinoids—or detect residual amounts of pesticides and mycotoxins—so you can implement methods quickly, and speed up your time to market.

- Get up and running, fast. Each kit includes step-by-step instructions and method guidance.
- Lower your costs. Buy our complete kits at a bundled price.
- Maximize productivity. Kits are designed for 400 sample runs, so you can better manage your inventory.

What's inside?

In this compendium, you'll find sample preparation protocols and instrument parameters that will help you run samples quickly and efficiently. Agilent Cannabis Consumables Kits include the columns and supplies you need to run each application. And as always, our product and application experts are available to help you troubleshoot problems and maximize uptime.

Already have an analytical method?

Now you can optimize your workflow and eliminate the hassle of shopping around for your cannabis testing columns and supplies. Just use our ordering guide to choose the consumables you need. You can also access customized shopping carts at the Agilent online store.

To simplify ordering even further, try our [subscription service](#). It lets you set up regular deliveries of products you use often.

[Start shopping now](#)

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Cannabis potency testing

Dedicated Cannabinoid Potency Testing in Cannabis or Hemp Products Using the Agilent 1220 Infinity II LC System (**5991-9285EN**)

Quantification of Cannabinoids in Industrial Hemp Using the Agilent 1220 Infinity II LC System (**5994-0912EN**)

Cannabis pesticide and mycotoxin testing

Determination of Pesticides and Mycotoxins as Defined by California State Recreational Cannabis Regulations: A Combined LC/MS/MS Analysis Method (**5994-0648EN**)

A Fast Analysis of the GC/MS/MS Amenable Pesticides Regulated by the California Bureau of Cannabis Control (**5994-1019EN**)

A Sensitive and Robust Workflow to Measure Residual Pesticides and Mycotoxins from the Canadian Target List in Dry Cannabis Flower (**5994-0429EN**)


Analysis of Challenging Pesticides Regulated in the Cannabis and Hemp Industry with the Agilent Intuvo 9000-7010 GC/MS/MS System: The Fast-5 (**5994-1604EN**)


Tackle Emerging Cannabis Regulations with Confidence (**5994-1127EN**)

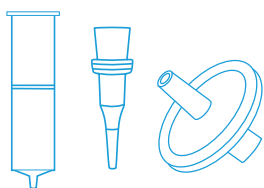
Perform comprehensive cannabis testing with Agilent, your complete workflow partner. Learn more about the full range of Agilent solutions for cannabis from consumables, to services, to instrumentation at www.agilent.com/chem/Cannabis

What's in Each Kit?

Agilent Cannabis Consumables Kits include all the sample preparation products, columns, and supplies you need to start analyzing samples quickly—in one convenient place, and at a bundled price. These convenient all-in-one kits save you time and money. Whether you are analyzing for cannabinoids via LC/UV, or including pesticide and mycotoxin testing via LC/MS or a combination of LC/MS and GC/MS, Agilent has you covered.

 Pesticide and Mycotoxin Consumables Kits:
for cannabis flower samples

 Potency Consumables Kit:
for cannabis flower and hemp samples



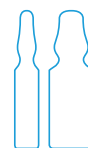
Sample preparation

Cannabis is a dirty matrix. We'll show you how to protect your analytical flow path with proper sample preparation.



Containment and injection

A vial isn't just a vial. Protect the integrity of your final sample with industry-leading Agilent vials and caps.



LC supplies

LC mobile phase modifiers help improve chromatographic peak shape, sample loadability, and signal intensities that can improve data quality and decrease processing time.

400 runs strong

Kits are designed for 400 cannabis samples so you can manage your inventory and maintain peak productivity.

Looking for chemical standards?

Due to ever-changing regulations, chemical standards can be purchased separately. Visit www.agilent.com/chem/CannabisKitOrdering for more information.

Cannabis Pesticide and Mycotoxin Kit



LC/MS and GC/MS Intuvo 9000

(p/n 5610-2053)

Designed for:

Labs doing both LC/MS and GC/MS analyses for both pesticides and mycotoxins with an Agilent Intuvo 9000.

Cannabis and Hemp Potency Kit

(p/n 5610-2036)

Designed for:

Cannabinoid testing in cannabis flower and hemp.



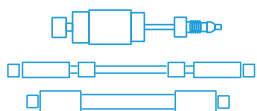
Cannabis Pesticide and Mycotoxin Kit

LC/MS only

(p/n 5610-2050)

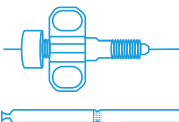
Designed for:

U.S. state pesticide and mycotoxin lists that only include LC/MS-amenable compounds.



LC separation

Agilent InfinityLab Poroshell 120 columns use high purity silica and advanced bonding chemistries to provide faster, more accurate results through superior peak shape.



GC supplies

Unique GC supplies like the Agilent Self Tightening column nut and Ultra Inert liner simplify installation, ensure exceptional results, and improve system performance.



GC separation

Agilent J&W Ultra Inert GC columns are rigorously tested to ensure exceptionally low bleed and consistently high inertness needed to optimize the delivery of active analytes directly to the MS detector.

Cannabis Pesticide and Mycotoxin Kit

LC/MS and GC/MS

7890/8890 General

(p/n 5610-2051)

Designed for:

U.S. labs doing both LC/MS and GC/MS analyses for both pesticides and mycotoxins.*



Cannabis Pesticide and Mycotoxin Kit

LC/MS and GC/MS

7890/8890 Canada

(p/n 5610-2052)

Designed for:

Canadian labs doing both LC/MS and GC/MS analyses for both pesticides and mycotoxins.*



*Part numbers 5610-2051 and 5610-2052 differ in GC column and liner choice. All other kit components are identical.

Agilent CrossLab services

CrossLab is an Agilent capability that integrates services and consumables to support workflow success and important outcomes like improved productivity and operational efficiency. Through CrossLab, Agilent strives to provide insight in every interaction to help you achieve your goals. CrossLab offers method optimization, flexible service plans, and training for all skill levels. We have many other products and services to help you manage your instruments and your lab for best performance.

Learn more about Agilent CrossLab, and see examples of insight that leads to great outcomes, at www.agilent.com/crosslab

Learn more about Agilent Cannabis Consumables Kits:

www.agilent.com/chem/CannabisKit

Learn more about the Agilent full cannabis offering:

www.agilent.com/chem/Cannabis

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www.agilent.com/chem/store

Find a local Agilent customer center in your country:

www.agilent.com/chem/contactus

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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.