

Built Small. Packed with Performance.

Maximum flexibility with less training and lower costs—Agilent Cary 635 FTIR





Agilent Cary 635 FTIR

Agilent Technologies is your premier resource and partner for molecular spectroscopy. Encompassing portable and in-lab Fourier transform infrared (FTIR) spectroscopy, ultraviolet visible-near infrared (UV-Vis-NIR) spectroscopy, and fluorescence, Agilent offers a comprehensive range of molecular spectroscopy solutions.

The Agilent Cary 635 FTIR spectrometer

- **Innovative** — unique sampling accessories slide in and out in seconds, with no alignment required, allowing for diverse sample analysis
- **Intuitive** — image-guided software navigates users through every step of operation, while color-coded results make it easy to see whether samples meet specifications
- **Compact** — requiring only 20 × 30 cm of bench space and weighing just 3.8 kg (8 lb), the Agilent Cary 635 FTIR is ideal for efficient use of lab space
- **Versatile** — interchangeable sampling accessories meet all your analysis needs
- **Economical** — the Cary 635 FTIR combines leading performance with cost-efficient operation, using less sample volume and fewer consumables
- **Affordable** — the Agilent Cary 635 FTIR offers leading performance at an attractive price
- **Compliant** — software supports data integrity standards such as 21 CFR Part 11 or EU GMP Annex 11
- **Reliable** — the field-proven, rugged optomechanical system offers outstanding performance and reproducibility, even in humid and tropical environments, providing confidence in every measurement

The Cary 635 FTIR is ideal for busy chemical, polymer, pharmaceutical, biopharma, and academic laboratories.



Innovative, modular design

Innovative Design, Unique Technology

The compact, lightweight Agilent Cary 635 FTIR delivers remarkable performance, speed, and versatility through its innovative, integrated design.

A large 25 mm optical aperture and short internal optical path in the interferometer provide performance levels typically associated with much larger lab FTIR systems.

Optics are permanently aligned for ease of use and reliable operation.

The unique Flexture system drives the interferometer's moving mirror, without the need for dynamic alignment, delivering both accuracy and superior speed.

A solid-state laser provides long life, reliable operation, and precision, while also enabling a compact design.

Interchangeable sampling accessories require no user alignment.



The world's smallest and most robust benchtop FTIR, the compact, lightweight Cary 635 FTIR offers high performance and versatility.

Innovative, modular design

A Perfect Fit

The Agilent Cary 635 FTIR has a sampling accessory to suit your application.

The Cary 635 FTIR spectrometer features an innovative modular design built around the Cary 635 FTIR engine—the heart of the system. The engine houses the most important optical components—including the interferometer, laser, light source, and detector—and is available with either zinc selenite (ZnSe) or potassium bromide (KBr) optics. Unlike many systems that use only ZnSe-coated components, the Cary 635 FTIR ZnSe engine uses optical components made entirely of ZnSe for a more robust, moisture-resistant system.

A wide range of interchangeable [Cary 635 FTIR sampling modules](#) attach easily to the engine's front, ensuring exceptional performance and ease of use—with the versatility required to meet the needs of busy multi-user environments.



Snap-and-go accessories
slide in and out in seconds,
with no alignment required.

Configure Your Cary 635 FTIR Solution

Transmission module

Agilent **transmission module** accepting standard KBr pellets, liquid and gas cells, and other sampling devices

ATR modules

Agilent **attenuated total reflectance (ATR) modules** for handling a wide range of solids, pastes, gels, rubbers, and liquids



Specular reflectance

Agilent **specular reflectance modules** for measuring samples designed to reflect light, such as optics, mirrors, and glass

DialPath modules

Innovative Agilent **TumblIR** and Agilent **DialPath modules** for rapid transmission analysis of liquids

Diffuse reflectance module

Agilent **diffuse reflectance module** for materials that scatter infrared light, such as powdered samples

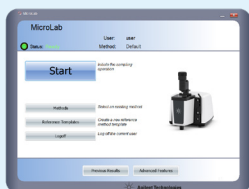
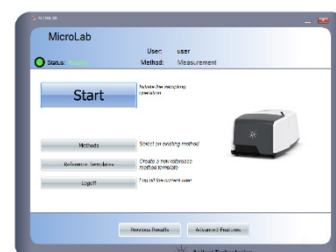
Analysis Made Easy

With Agilent MicroLab software, analysis using the Cary 635 FTIR is simple and intuitive

MicroLab software

MicroLab PC/Lite

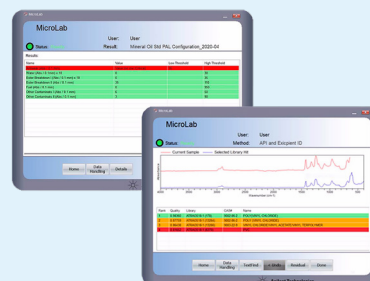
Agilent MicroLab experimental methods can be customized for operation in three different workflows, with designs tailored to specific applications. Once the method is activated, reliable results are just a few clicks away. All workflows are picture-driven, guiding the user through each analysis step—making FTIR analysis as easy as 1, 2, 3.



1 Start the analysis



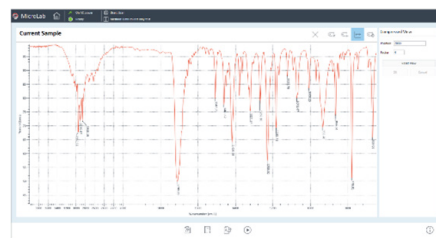
2 Follow picture-driven software guidance



3 Instantly receive color-coded, actionable results

Workflow 1: Spectrum acquisition

- Perform spectrum collection in just a few clicks
- Follow a picture-guided workflow that walks you through each step, from background to sample spectrum collection
- Autogenerate customized reports at the end of the collection
- Preview a live spectrum before collection to ensure optimal data quality



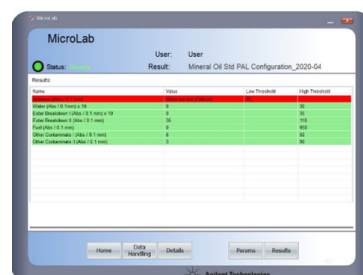
Workflow 2: Identification

- Compare a collected spectrum against multiple libraries to find the best match
- Create reference libraries in seconds
- Define confidence levels for matches using color-coded results
- Access ready-to-use libraries from Agilent



Workflow 3: Quantification

- Create basic quantification models in MicroLab Quant software
- Quantify multiple components in a sample with a single measurement
- Use logic settings to ensure only relevant results are displayed
- Define color-coded thresholds for prompt understanding of your sample



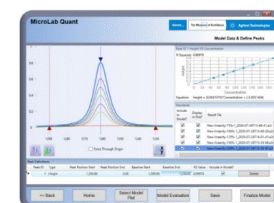
MicroLab OQ

Agilent MicroLab OQ provides automated operational qualification for routine verification of instrument performance, so you can be sure your system is performing as intended.



MicroLab Quant

Agilent MicroLab Quant simplifies quantitative FTIR analysis with intuitive workflows that help users build reliable calibration models from MicroLab data in just a few steps.



MicroLab Pharma

Agilent MicroLab Pharma software offers secure data storage, user privilege management, and audit trails to facilitate data integrity regulations. This optional software is ideal for GMP environments.

MicroLab Expert

A state-of-the-art data processing, visualization, and analysis tool, Agilent MicroLab Expert software balances ease of operation with sophisticated data handling. This software is available for separate purchase.

The ATR Advantage

The Cary 635 FTIR accommodates a wide selection of ATR sensors, allowing users to switch from one sensor to another instantaneously—with no alignment required. Custom-engineered modules ensure the highest performance, sensitivity, and ease of use. Leverage the power of ATR with the Cary 635 FTIR:

- Custom design matched to the optical properties of the Cary 635 FTIR spectrometer
- Rugged optics requiring no alignment
- Crystal types to suit a myriad of samples
- Swivel press providing optimal pressure for the ATR crystal
- Enables retrieval of low-volume or expensive samples

Single-reflection and multireflection ATR modules

Single-reflection ATR

Allows for the light beam to be internally reflected within the crystal one time.

Multireflection ATR

Uses a longer crystal, which allows the light beam to be totally reflected off the sample surface multiple times before detection, resulting in a longer effective path length.



ATR Module	Spectral Range	pH Range	Sampling Surface Diameter	Effective Path Length ^c	Example Sample Types	Swivel Press
Single-Reflection Di ATR Module	6,300 to 350 cm ⁻¹ ^a ; 5,100 to 600 cm ⁻¹ ^b	pH 1–14	2.5 mm	1.1 μm at 4,000 cm ⁻¹ 2.6 μm at 1,700 cm ⁻¹ 7.3 μm at 600 cm ⁻¹	Hard solids, particulates, polymers, pastes, liquids; all pH ranges	Yes
Single Reflection ZnSe ATR Module	5,100 to 600 cm ⁻¹	pH 5–9	2.5 mm	1.1 μm at 4,000 cm ⁻¹ 2.6 μm at 1,700 cm ⁻¹ 7.3 μm at 600 cm ⁻¹	Neat or concentrated; soft solids, pastes, gels, liquids; not strong acids or bases	Yes
Single Reflection Ge ATR Module	5,100 to 600 cm ⁻¹	pH 1–14	1.5 mm	0.15 μm at 4,000 cm ⁻¹ 0.36 μm at 1,700 cm ⁻¹ 1.02 μm at 600 cm ⁻¹	Carbon black-filled polymers	Yes
Multireflection ZnSe ATR Module	5,100 to 600 cm ⁻¹	pH 5–9	12 mm	5.5 μm at 4,000 cm ⁻¹ 13.0 μm at 1,700 cm ⁻¹ 36.5 μm at 600 cm ⁻¹	Lower-level components, more dilute solutions; pastes, gels, liquids; not strong acids or bases	No

^a Cary 635 FTIR engine with KBr optics

^b Cary 635 FTIR engine with ZnSe optics

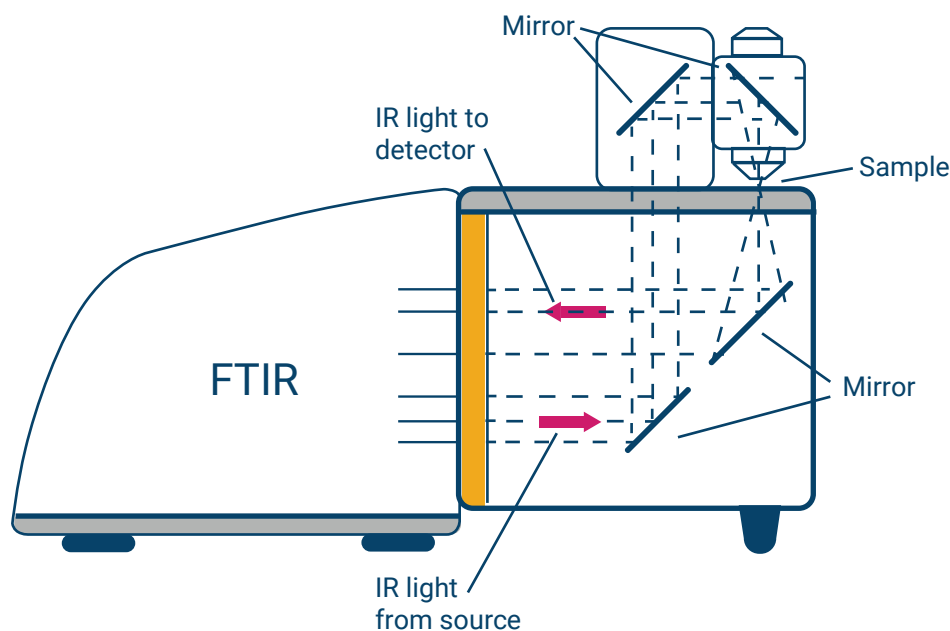
^c based on a typical sample with refractive index of $n = 1.5$

DialPath and TumbIIR: Simplifying Liquid Transmission Measurements

Traditional flow and demountable cells used for liquid transmission measurements can be complex and challenging to work with. Inadequate seals can lead to sample loss, while the introduction of air bubbles interferes with the measurement. Furthermore, viscous or sticky liquids are often difficult to remove from the cells, and cleaning protocols can be time consuming. The unique DialPath and TumbIIR sampling interfaces for the Cary 635 FTIR are specifically engineered to address these common challenges, making liquid transmission measurements as straightforward as using ATR:

- Place a small drop of liquid on the sample window with the DialPath in the open position.
- Rotate the DialPath to select the fixed path length required for the measurement.
- After the measurement is complete, wipe the sample windows clean (use a light solvent if required). The system will validate the cleanliness of the light path prior to the next sample.

These innovative sampling accessories streamline liquid analysis, enhancing accessibility and efficiency for users working with the Cary 635 FTIR system.



Three Easy Steps to Analysis with DialPath



Discover the advantages of unique DialPath technology:

- Transmission spectroscopy of liquids as easy as ATR
- Instant selection from three factory-calibrated, fixed path lengths (30 to 1,000 microns)
- Longer path length window sets available for lower-concentration samples; shorter path length window sets available for more concentrated samples
- Spacer-free for no leakage and no fringing
- Sample introduction without the need for autosamplers or syringes
- Effective handling of liquids with varying viscosities and volatilities
- Quantitative and qualitative results from as little as 3 μL of sample

	DialPath	Liquid Cell
60 minutes		
Sample solution per sample	 20 μL	 5 mL
Cleaning solution per sample	 < 1 mL	 5 mL

Scoreboard after 60 minutes of analyzing simethicone extracts using the Dialpath module versus a traditional liquid cell.

Applications at Your Fingertips

What you do matters. Agilent is committed to supporting your **application** with comprehensive solutions—delivering the technology, platforms, and expert guidance needed to succeed.



Chemical and energy

- Raw materials
- Oils and fuels
- Cosmetics
- Specialty solvents



Materials

- Polymers
- Thin films
- Semiconductors
- Paint and corrosion
- UV stabilizers, antioxidants, and fillers in plastics
- Lithium (Li) battery components



Academic

- Teaching lab demos
- Undergraduate and graduate chemistry research
- Unknown or newly synthesized compounds
- Fume hoods or gloveboxes



Pharma and biopharma

- Raw materials
- Active pharmaceutical ingredient (API) purity and conformity
- Structure and concentration of products
- Rapid authentication and detection of adulteration in drugs, herbal medicines, and dietary supplements



Food

- Trans fat content in edible fats and oils
- Rapid detection of food and beverage adulteration
- QA/QC of food products
- Free fatty acid (FFA) and iodine value (IV) determination in oils
- Flavor component analysis

Chemical and Energy

The proven robustness and versatility of the Agilent Cary 635 FTIR will change everything you know about FTIR analysis.

The Cary 635 FTIR spectrometer is a reliable, versatile system for routine, everyday QA/QC, analytical services, and methods development operations.

- Measure liquid samples in seconds—not minutes—using revolutionary Agilent DialPath technology
- Quickly confirm the purity of incoming chemicals and final products
- Use spectral libraries to authenticate solvents, surfactants, specialty amines, or industrial organic chemicals
- Ensure manufacturer's specifications are met by accurately measuring levels of known additives
- Ensure proper formulation of blends and mixtures of fine chemicals
- Easily handle a wide range of applications in specialty and fine chemicals, as well as in the food and cosmetics industries

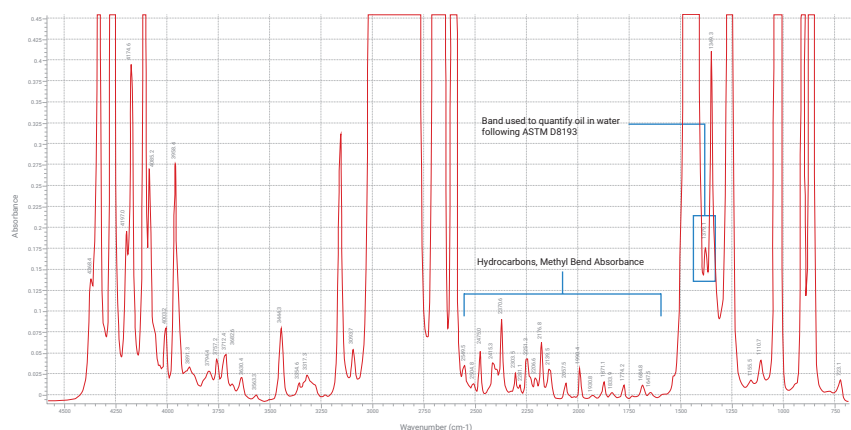


The compact size of the Cary 635 FTIR saves valuable laboratory space and fits easily on benches, inside gloveboxes, or under fume hoods—making it ideal for reaction analyses that require safety precautions.

Powerful and Accurate FTIR Technology

Demonstrated performance across chemical and energy applications

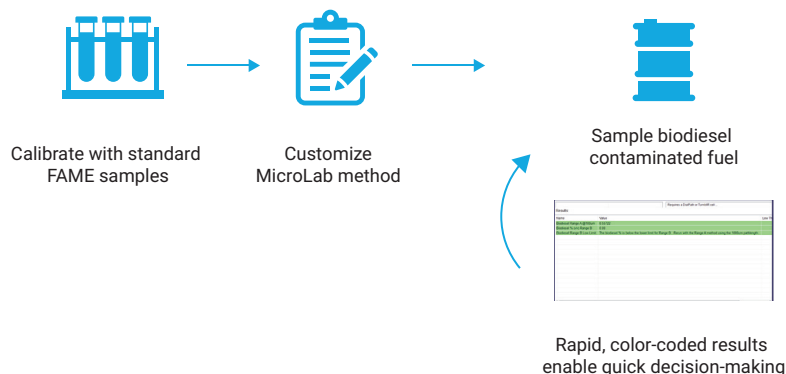
The advanced optics of the Cary 635 FTIR spectrometer—coupled with low signal-to-noise ratio and excellent photometric accuracy—enable highly sensitive analyte quantification with exceptionally low detection limits.



Spectrum of cyclohexane extract showing hydrocarbon absorbance features caused by extracted mineral oil.

Determination of mineral oil

Method ASTM D8193 facilitates the development of procedures for determining mineral oil in water. The DialPath sampling accessory simplifies sample preparation while maintaining excellent accuracy.



FAME analysis using the Cary 635 FTIR.

FAME quantification

Fatty acid methyl ester (FAME) biodiesel is increasingly used in diesel fuel formulations. However, FAMES are not appropriate in all engine applications. Because many refineries formulate fuels for multiple applications, there is a real risk for contamination from fuels intentionally containing higher levels of biodiesel. The Cary 635 FTIR can be used to rapidly quantify the presence of FAMES in diesel fuels—helping to ensure product quality and performance.

Materials

Analyze material content, heterogeneity, and sample contaminants in seconds with the Agilent Cary 635 FTIR.

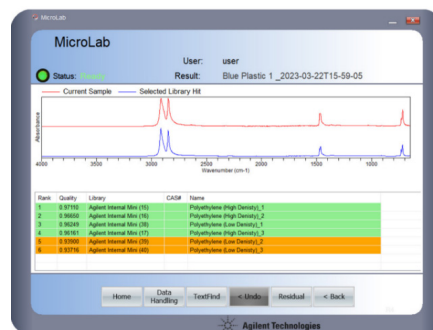
The Cary 635 FTIR supports routine analysis of materials across diverse applications in the chemical and polymer industries, such as:

- Plastics, elastomers, and adhesive materials
- Battery components
- Coatings and thin films
- Contaminants in semiconductor and solar cell manufacturing
- Curing and composition of paint, polymers, and rubber
- UV stabilizers, antioxidants, and fillers in plastics
- Thickness uniformity of wax or oil on polymer and metal surfaces
- High-carbon-content samples (tires, o-rings, and rubbers)

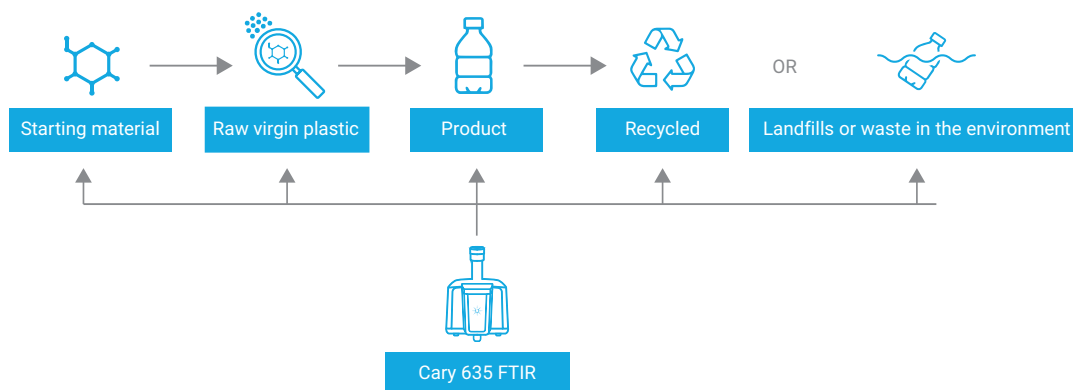
Identify materials from start to finish

The Cary 635 FTIR spectrometer and MicroLab software provide a complete, turnkey workflow for materials identification using customizable libraries and picture-guided analytical steps.

Sample preparation, library creation, spectrum collection, and analysis are all simple and intuitive, with exceptionally fast method creation—making this system ideal for labs where high sample throughput is essential. Matches between unknown samples and custom libraries are easily identified in MicroLab software through clear quality scores.



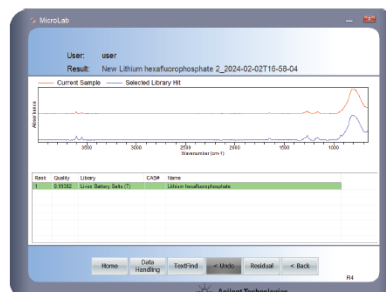
Comparison of unknown polymer sample against a customized library. The material is identified, and the corresponding match quality is displayed in Agilent MicroLab software.



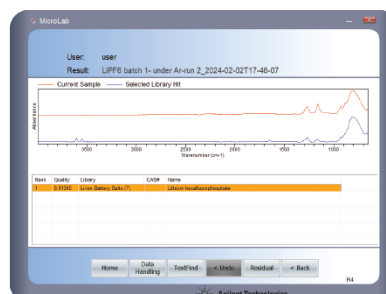
Versatile Quality Control

In busy manufacturing environments, the Cary 635 FTIR and its sampling accessories enable efficient quality control of raw materials, processed intermediates, and final products. The battery industry is a clear example—where fast, confident answers are essential, and a wide range of raw and processed materials must be tested.

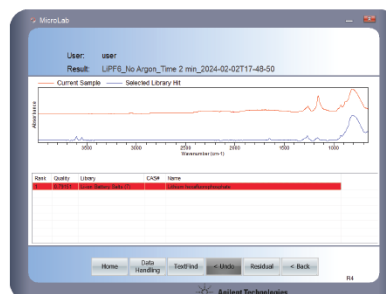
Leveraging the robust Agilent diamond ATR sampling technology, the Cary 635 FTIR not only provides material identification through rapid and customizable library matching, but is also sensitive enough to identify degradation in key lithium battery components—including raw polymeric electrode binders, electrolyte salts, solvents, and separators. The color-coded results in MicroLab PC immediately alert users to potentially degraded or contaminated materials, supporting fast, informed decision-making to keep the manufacturing process running smoothly.



New bottle of LiPF₆ measured in a **controlled** moisture environment



Used bottle of LiPF₆ measured in a **controlled** moisture environment



Used bottle of LiPF₆ measured in an **uncontrolled** moisture environment

Material identification results for three samples of LiPF₆ analyzed under different laboratory conditions. Sample (red traces) and library hit (blue traces) are shown.

Academic

Cut the complexity, costs, and bench space while bringing cutting-edge technology to your lab with the Agilent Cary 635 FTIR.

The reliable, robust Cary 635 FTIR is well-suited for the busy, multi-user environments found in colleges and universities. From teaching undergraduate students in an analytical chemistry lab to identifying products from synthesis in a graduate research lab, this system is built to support a range of academic applications.

In academia, the Cary 635 FTIR delivers:

- Robust design — the diamond ATR is impervious to both scratching and corrosive materials, and the interferometer is insensitive to vibration
- Simplicity — the intuitive software is available in regional languages, allowing students to set up and begin running samples in minutes; software-guided sampling helps explain the basics of FTIR
- Versatility — interchangeable, zero-alignment sampling accessories can measure powders, pastes, gels, or liquids
- Advanced data analysis — the advanced MicroLab Expert software extends postcollection data analysis and ensures that research needs are met
- Low cost of ownership — a user-replaceable desiccant and long-lived lamp source minimize maintenance costs
- Modern instrumentation — state-of-the-art technology ensures students and researchers are using the latest FTIR technology
- Compact size — weighing 3.8 kg (8 lb), the Cary 635 FTIR is easy to move between labs, fitting neatly on lab benches or in fume hoods for reaction analyses requiring safety precautions

From Practical Teaching to Impactful Research

Cost-effective teaching

Infrared spectroscopy is a core component of undergraduate courses focused on the structural elucidation of organic compounds, material characterization, and molecular interactions. The Cary 635 FTIR and user-friendly MicroLab software allow students to focus on what matters—analyzing spectra. Introduce students to a range of practical FTIR applications, including:

- Identifying functional groups
- Monitoring structural changes during a reaction
- Confirming the identify of a synthesized or unknown compound

Enable students to develop critical analytical skills while reinforcing theoretical concepts.



Robust academic research

Busy academic research labs depend on instrumentation that not only provides reliable results but grants graduate researchers the confidence they need to drive impact. Ideal for inexperienced users, the Cary 635 FTIR is engineered for longevity and includes a 5-10-10-year warranty (lamp/interferometer/laser diode). The robust ZnSe engine and cable connections further enhance durability, supporting years of dependable operation in demanding environments.

Advancing academic research of plastics in the environment

Research groups around the world have used Agilent FTIR instrumentation for the analysis of plastics in environmental samples, including seawater, surface sediments, marine organisms, and even terrestrial wildlife.

The Cary 635 FTIR is ready to elevate your lab's capabilities, supporting specific applications such as rotational-vibrational spectroscopy, polymer composition analysis, and hydrogen bonding studies in liquids.



Pharma and Biopharma

In a field that demands accuracy, productivity, and regulatory compliance, your challenges have never been greater. The Agilent Cary 635 FTIR delivers the performance you need to rise to the occasion with superior confidence.

Data integrity solutions — MicroLab Pharma software delivers features that help pharmaceutical customers meet their data integrity obligations. These include user profiles and privileges, application locks, and audit trails.

QA/QC — Instrument qualification can be performed by the user under data integrity conditions to ensure accuracy and precision of results.

Advanced model and method development — Quantification of analytes is made simple through the MicroLab model developer, MicroLab Quant, or the advanced analysis software, MicroLab Expert. Once a model and method are established, users of any experience level can obtain quantification data in an easy-to-read, color-coded table.

Global regulatory compliance — Performance verification with the Cary 635 FTIR instrument aligns with standards defined by the **European, US, Indian, Chinese, Japanese, etc. Pharmacopeias**.

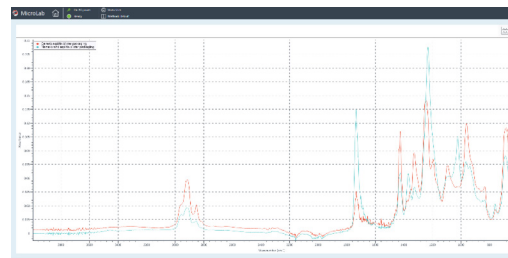


Streamline Your Pharmaceutical Applications

Pharma packaging

Detecting problems, impurities, or incorrect polymer compositions early in the pharmaceutical packaging process or packaging material supply can prevent the costly recall of defective end-products from the consumer.

The Cary 635 FTIR provides fast, precise polymer identification, making it a valuable tool for packaging analysis across a range of applications. Its ability to detect subtle compositional differences supports quality control, counterfeit detection, and regulatory compliance—including USP chapter <661.1>.



Overlaid FTIR spectra of the paper backing from cold medicine blister packs collected using an Agilent Cary 635 FTIR with diamond ATR module. Red: Generic blister packaging. Blue: Name-brand blister packaging

Liquid pharmaceuticals

The innovative DialPath module streamlines the analysis of liquid pharmaceuticals, delivering exceptional speed and reliable performance. The Cary 635 FTIR with DialPath generates data quality comparable to—or better than—traditional liquid cells while avoiding their complexity, fragility, and cleaning challenges. With significant time and cost savings, this system is an ideal fit for your pharmaceutical applications.



Proven accuracy and precision equal to or better than traditional liquid cells



Reduced complexity in sample preparation saves time and costs



Simplified workflows ensure consistent results across multiple samples

Raw materials

Ensuring the identity and quality of raw materials is essential in pharmaceutical production to protect product safety, maintain regulatory compliance, and prevent costly production errors. The MicroLab software facilitates the creation of robust, customizable libraries of raw materials that, when paired with the Cary 635 FTIR, enable rapid material identification of APIs and excipients.



Applications

Life Science

The Cary 635 FTIR enables rapid, reliable characterization of biomolecules, providing clear insight into sample integrity and structural features across a range of life science applications.

Protein analysis made easy

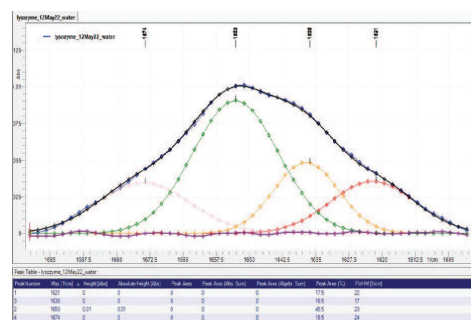
Understanding protein structure is critical in life science and biotherapeutic research. The Cary 635 FTIR with ATR sampling modules—combined with MicroLab Expert software—facilitates rapid and easy protein analysis, even at relatively high concentrations. Quantify secondary structures across a range of sample types, including bovine serum albumin, lysozyme, papain, beta-casein, myoglobin, and monoclonal antibodies.

With its ease of use, speed, and low sample requirements, the Cary 635 FTIR is an attractive alternative to X-ray crystallography for routine analysis:

- Rapid quality check of protein samples
- Comparative studies between similar proteins
- Comparative studies between protein therapeutics and their biosimilars
- Rapid assessment of post-translational modifications and their effects
- Correlation of structural changes with functional changes observed using other analytical techniques

Carbon isotope characterization

The carbon isotope content of natural water is an important indicator of its origin and environmental history. In-situ FTIR analysis of carbon isotopes with the Cary 635 FTIR is made possible due to its small form factor and robust design. Results are comparable to those obtained using traditional mass spectrometry.



Curve fitting of lysozyme sample performed in Agilent MicroLab Expert.

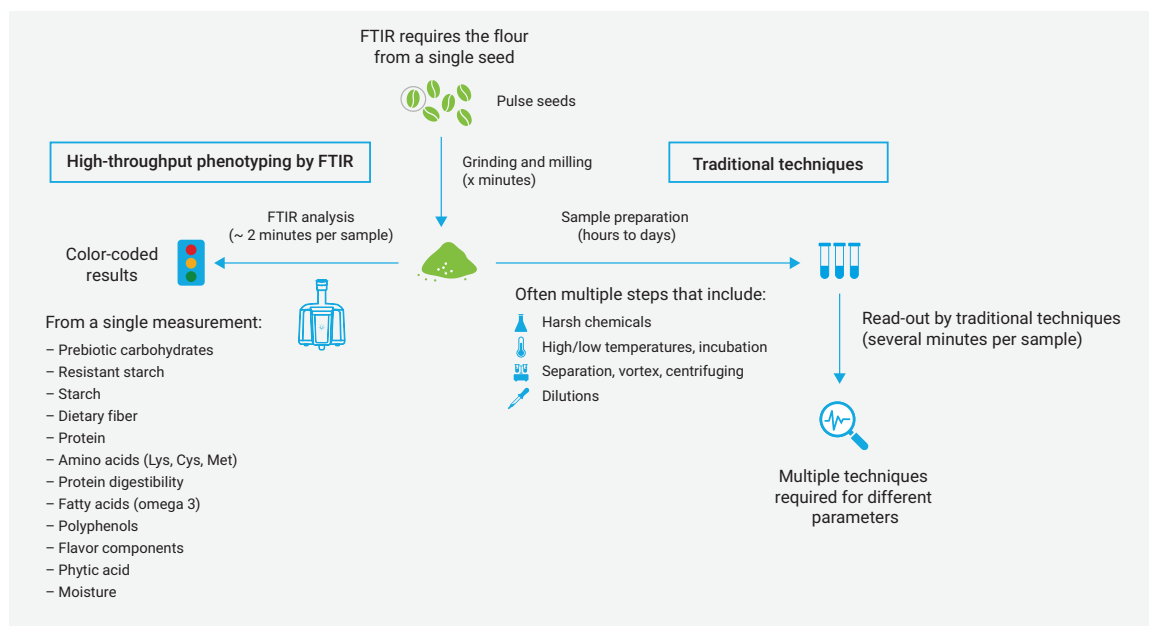
Food and Agriculture

An exceptionally valuable tool in food and agriculture analysis, the speed and simplicity of the Cary 635 FTIR ensures quick, accurate assessment of key nutritional and quality parameters.

Crop analysis

Pulse crops such as chickpeas, lentils, and dry peas are valued for their high nutritional content. As a result, they are a foundational focus in agriculture, with breeding programs requiring optimized workflows to improve turnaround times and nutritional quality. In collaboration with Agilent, the Clemson University Pulse Quality and Nutritional Breeding program developed a high-throughput nutritional phenotyping approach using Cary FTIR.

The Cary 635 FTIR enables fast, high-throughput analysis with minimal sample preparation, delivers multiple nutrient parameters from a single measurement, and offers simple operation—drastically reducing training needs and time to results.



Comparison of traditional techniques versus analysis on the Cary 635 FTIR.

Food QC

From sucrose content in infant cereals to rapid detection of food and beverage adulteration and more, the Cary 635 FTIR is designed with the flexibility and speed needed for accurate, efficient food quality control.



Technical Information	
Spectrometer Body	Glass-fiber reinforced polyamide for durability and structural strength
Detector	High-sensitivity thermoelectrically cooled deuterated triglycine sulfate (DTGS) detector
Interferometer	Permanently aligned 45° Michelson flexure interferometer with 25 mm optical aperture
Spectral Range	7,000 to 350 cm^{-1} with KBr optics 5,100 to 600 cm^{-1} with high-humidity ZnSe optics
Footprint	26.4 cm x 15.7 cm to 34.8 cm x 17.8 cm; depending on attached sampling module
Weight	3.5 kg to 4.6 kg; depending on attached sampling module

Distinctly Better Spectroscopy

The Agilent infrared spectroscopy range is unrivaled, innovative, and reliable—from benchtop FTIR instruments offering the highest analytical performance and flexible handheld FTIR systems for on-the-spot analysis to Laser Direct Infrared (LDIR) imaging systems.

8700 Laser Direct Infrared (LDIR) chemical imaging system

The Agilent 8700 Laser Direct Infrared (LDIR) chemical imaging system provides a sophisticated approach to chemical imaging and spectral analysis. Designed for use by both experts and inexperienced users alike, the 8700 LDIR provides a fast, simple, and automated approach for obtaining high-definition, spatially resolved chemical images of constituents on a surface.



4300 handheld FTIR spectrometer

The Agilent 4300 handheld FTIR brings lab-grade performance and next-level portability and flexibility to your analyses, enabling nondestructive FTIR testing both in and outside of the lab. Lightweight, ergonomic, and easy to use, this rugged handheld FTIR solution has the sensitivity of a more traditional benchtop FTIR with the ability to analyze a variety of sample types on the go—simply point and collect.



Trust Agilent to Keep Your Lab Running— at Peak Productivity

Agilent CrossLab Service plans protect your investment in Agilent instruments while connecting you with our global network of experienced professionals—all dedicated to helping you get the highest performance from every system in your lab. Count on us for the services you need at every stage—from instrument installation and upgrade to operation, maintenance, and repair.

For customers requiring full system validation, Agilent offers complete qualification services (installation and operational qualification) for the Agilent Cary 635 FTIR.

If your Agilent instrument ever requires service while covered by an Agilent service agreement, we guarantee repair or we will replace your instrument for free. No other manufacturer or service provider offers this level of commitment.

Learn more:

www.agilent.com/chem/cary635

Agilent Cary 635 FTIR Spectrometer

Cary FTIR Sampling Accessories

Agilent MicroLab Software

FTIR Analysis & Applications Guide

FTIR Spectroscopy Basics – FAQ

Transmission FTIR Spectroscopy

ATR FTIR Spectroscopy

Reflectance FTIR Spectroscopy

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Get answers to your technical questions and
access resources in the Agilent Community:

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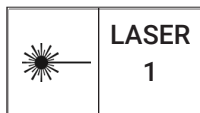
agilent_inquiries@agilent.com

Europe

info_agilent@agilent.com

Asia Pacific

inquiry_lsca@agilent.com



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