



ABOUT

FTIR (Fourier Transform Infrared Spectroscopy) is used for identification testing. An IR spectrum is unique to a compound and can be used to identify semi-pure and pure compounds. The sample IR spectrum is matched against numerous libraries to obtain comparative percentage match of the sample. At NAFS we employ the Georgia State Crime Lab Library, Solvents Library, Fluka Library just to name a few.

FTIR can be used to determine the identity of unknown pills, powders or liquids. However, this would only be suitable for compounds suspected to be relatively pure as well as present in one of the libraries NAFS employs. *(If the purity of a substance is in doubt, consult the NAFS website for more information on GC-MS testing.)*

Identification testing can also be useful to Analyze product formulations and package coatings; rapidly screen the quality of raw materials, intermediates and formulated products; qualify nutraceuticals; provide prospective clients with a certificate of analysis for your manufactured product.

PERSONNEL

Our personnel are well trained and qualified to report trustworthy, ethical results. At NAFS regular proficiency testing and training cycles are employed to ensure that each staff member produces the highest quality analytical results.

INSTRUMENTATION

NAFS uses current state of the art analytical equipment to produce accurate tests results and maintain quick turnaround times. We usually have a turnaround time of two working days upon sample reception. At NAFS we maintain rigorous instrumentation calibration and performance qualification schedules, to ensure our instrumentation is performing at an optimum.



PRICING

Identification testing	-See Pricelist
Unknown analysis	-See Pricelist
Bulk samples	-Discounted

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