

GriffinLib™

High quality match results for GC/MS

GriffinLib is a highly accurate chemical library that helps simplify threat reporting for Griffin 460 GC/MS field users. Like other Gas Chromatography Mass Spectrometry (GC/MS) systems, the Griffin 460 is capable of identifying 200,000+ unique chemicals using the NIST MS library. However, every mission does not require this kind of in-depth, complicated analysis. Long lists of chemical results can cause wasted time for field operators. While other products force the operator to interpret complex data, GriffinLib helps the operator quickly and confidently determine the identity of a threat with single-answer, high confidence results.

GriffinLib was developed with real-life missions in mind. FLIR worked closely with customers and partners across a broad range of applications to identify and validate targets of interest. As a result, GriffinLib includes over 500 of the most relevant chemical threats facing field operators today. This condensed, yet specific, library facilitates rapid identification of chemical warfare agents (CWAs), toxic industrial chemicals (TICs), explosives, drugs, environmental contaminants (pesticides, fungicides, herbicides, etc), and many other volatile organic chemicals (VOCs) and semi-volatile organic chemicals (SVOCs). As new threats emerge, this library is modified to ensure it meets the current threat space. Our partners and customers around the world involved with forensic analysis, military force protection, public security, and environmental monitoring use this library to complete their operations.

Missions change over time. What's facing our customers today, may be different tomorrow. The flexibility offered by the Griffin 460 GC/MS system is unmatched in today's market space - from the most versatile suite of sampling tools to the most user-friendly software suite. When new threats of interest emerge, the Griffin System Software (GSS) interface allows customers to add the new chemical to their own custom library or perform a simple NIST search to further interpret the sample in real-time. The Griffin 460 system offers single answer results for field operators, without sacrificing the ability to perform more in-depth analysis by expert users. Our goal is to provide customers with a complete system that is tailored to their specific needs and allow them to efficiently complete their mission.

BENEFITS:

- Accurate
- Relevant
- Efficient

TARGETS INCLUDED:

- CWAs
- TICs
- Explosives
- Narcotics
- Environmental contaminants, such as pesticides, herbicides and fungicides
- Other SVOCs and VOCs

OTHER CUSTOM LIBRARIES:

- Drugs of Abuse, including New Psychoactive Substances (NPS) such as designer drugs, bath salts, spice, and other synthetics

LAB QUALITY RESULTS IN COMPACT, EASY TO USE PACKAGE

CONTACT

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PROVEN APPLICATIONS

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