



Agilent's Chemical And Biological Defense Solutions

The Right Partner. The Right Solution.



Agilent Technologies' laboratory and field transportable solutions provide a rapid and reliable response to detect, identify and confirm suspected chemical and biological agents in air, soil, water and food supplies. Agilent analytical instruments are used to test for chemical and biological agents including Chemical Warfare Agents (CWA), Biological Warfare Agents (BWA), and Toxic Industrial Compounds (TIC). Our instrumentation is used in military, government, law enforcement and private sector laboratories.

A worldwide leader of chemical analysis solutions

Agilent is a global, diversified technology company focusing on high-growth markets in the chemical and life sciences, communications and electronics industries. The three businesses operated by Agilent are: Test and Measurement, Semiconductor Products, and Chemical Analysis and Life Sciences. Agilent is the leading worldwide supplier of Gas Chromatography (GC), Gas Chromatography/Mass Spectrometry (GC/MS), High Performance Liquid Chromatography (HPLC), Liquid Chromatography/Mass Spectrometry (LC/MS) and Inductively Coupled Plasma Mass Spectrometry (ICP/MS).



Agilent Technologies



Toxic Industrial Chemicals

Agilent Technologies is the leading worldwide manufacturer and supplier of analytical instruments to detect, identify, quantify and confirm organic and inorganic Toxic Industrial Compounds (TIC) in air, water and food supplies. Agilent Technologies and its Premier Channel Partners can provide complete turnkey solutions to complex analysis problems.

Agilent Technologies' instrumentation provides rapid screening, detection and confirmation of toxic chemicals and traditional environmental pollutants, such as Chlorine, Methyl Isocyanate, Dioxin, PCB and PCP.

Chemical Warfare Agents

The military has relied on our technology for the past fifteen years to maintain and monitor their Chemical Warfare Program. The complete line of Agilent instruments are used to sample air, liquid, solid and soil for chemical warfare agents. The instruments screen, detect, identify, quantify and confirm agents employed in weapons defense, monitoring and demilitarization. The systems are available as laboratory or transportable mobile units. Agilent Technologies and its Premier Channel Partners can provide commercial off-the-shelf or custom solutions to solve complex analytical problems.

Biological Warfare Agents

As an Agilent Technologies Premier Channel Partner, MIDI, Inc. develops, manufactures and sells the Sherlock® Microbial Identification System (MIS) worldwide. The system operates exclusively on Agilent Technologies 6890 and 6850 Gas Chromatography systems as a confirmation tool to identify biological warfare agents, such as Anthrax and other aerobic or anaerobic bacteria. This identification is based on a gas chromatographic analysis of the unique fatty acid methyl ester (FAME) signature of each microbial strain which is compared with the Sherlock® reference library for identification of the bacteria and its strains. The Bioterrorism Library identifies Anthrax and was developed in collaboration with the US Army Medical Research Institute for Infectious Diseases (USAMRIID).

