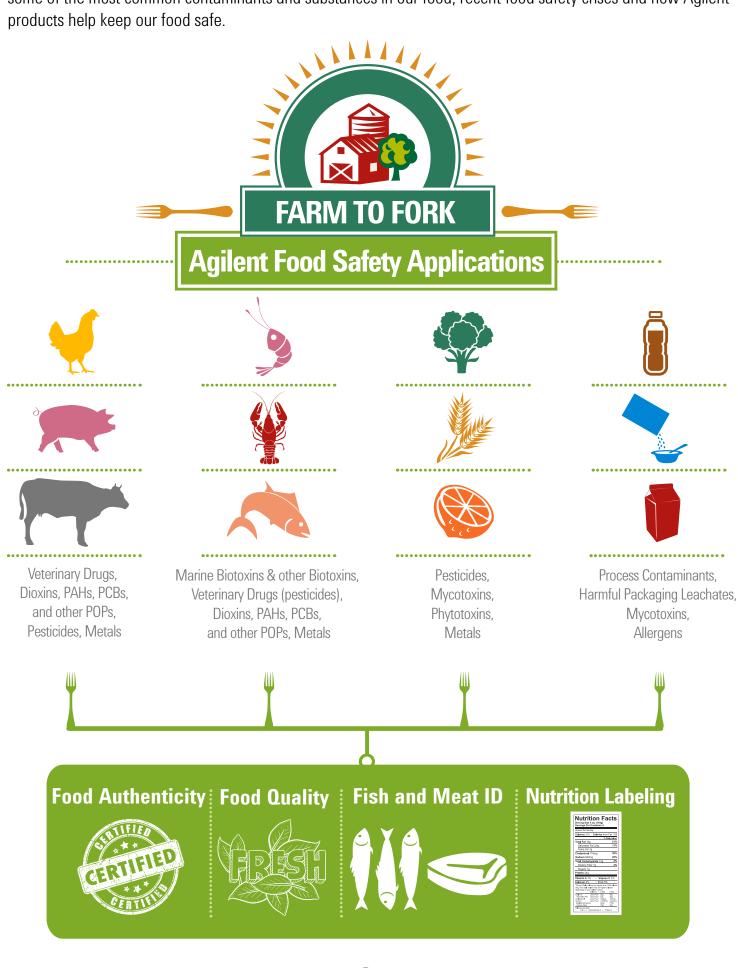


KEEPING OUR FOOD SAFE

Few things impact life as much as the quality and safety of the food supply. The World Health Organization estimates that millions of people fall ill every year and many die as a result of eating unsafe food. Globalization of food production and trade makes it more likely that we will experience international incidents involving contaminated food.

Agilent Technologies is at the forefront of the fight to keep the world's food supply safe. Below, we explore some of the most common contaminants and substances in our food, recent food safety crises and how Agilent









Gas chromatography (GC) and GC/Mass Spectrometry (GC/MS)



LC/MS

and LC/Mass Spectrometry (LC/MS)



ICP-MS AND ICP-OES

Inductively-coupled Plasma-Mass Spectrometry and Optical Emission Spectroscopy are used to

MOLECULAR SPECTROSCOPY

Molecular spectroscopy to authenticate ingredients specification guidelines







