CONTAMINANTS & RESIDUES

Foods can contain contaminants and other adulterating substances at levels that could impact their overall safety and quality. Substances like pesticides can be inadvertently present in foods such as meat, dairy, fish, fruit and vegetables. Chemically related contaminants are found throughout the environment and can also accumulate in the food chain. In some cases, contaminants can be intentionally added for fraudulent purposes. Resulting health concerns related to the use of these contaminants have prompted regulatory bodies to establish safe levels for countries across the globe.

HOW CAN BUREAU VERITAS HELP YOU?

Bureau Veritas can help ensure product safety and quality, offering analytical testing capabilities that cover a wide spectrum of contaminants. As a global leader, we operate ISO 17025 accredited laboratories that are equipped with highly sensitive equipment (LC-MS/MS, GC-MS/MS, HPLC, HRMS). Our labs provide very accurate results at very low detection limits that are aligned with regulatory requirements. Our technical expertise and instrumentation can:

- Help ensure that regulatory requirements are met for over 600 different pesticides in feed and food products.
- Detect a wide array of dioxins, furans and dioxin-like PCB (polychlorinated biphenyl) congeners at very low levels.
- Analyze a wide array of food products for over 20 different metals to help ensure the beneficial ones are present at expected levels while the harmful ones are not present.
- Analyze for the presence of 100+ veterinary drugs such as beta-agonists (ractopamine), steroids, non-steroidal anti-inflammatory drugs (NSAIDs), hormones and antibiotics such as tetracylines, penicillins and fluoroquinolones.
- Quantify the total presence of mycotoxins or provide a breakdown of the various types of each toxin.
- Detect gamma and alpha radiation through spectrophotometry and measure Ur-238, Th-232, Ce-134, Ce-137 and Iodine as well as many other trace elements through Neutron Activation.
- Ensure your product or ingredient is GMO-free by using qualitative and quantitative PCR screens.

ABOUT US

Bureau Veritas is a North American provider of analytical services and solutions to the environmental, energy, food, DNA and industrial hygiene industries with an extensive laboratory network in Canada. Our work supports critical decisions that improve performance, reduce risk or help customers meet safety, quality and regulatory objectives. Founded in 1828, Bureau Veritas is the global leader in testing, inspection and certification services with 78,000 employees in 1,500 locations worldwide.