



**INSURING THE
SAFETY OF
OUR FOOD**

FOOD SAFETY BULLETIN

Pesticides Analysis in Food Products

There are more than 1000 pesticides used around the world to ensure food is not damaged or destroyed by pests. Each pesticide has different properties and toxicological effects. None of the pesticides currently authorized for use on food in international trade are genotoxic (damaging to DNA, which can cause mutations or cancer). Adverse effects from these pesticides occur only above a certain safe level of exposure. When people come into contact with large quantities of pesticide, the result may be acute poisoning or long-term health effects that may include cancer and adverse effects on reproduction.

ADPEN Laboratories uses various multiresidue methods of analysis for pesticides depending on the needs and requirements, limit of quantitation of 0.01 ppm are achievable with these methods:

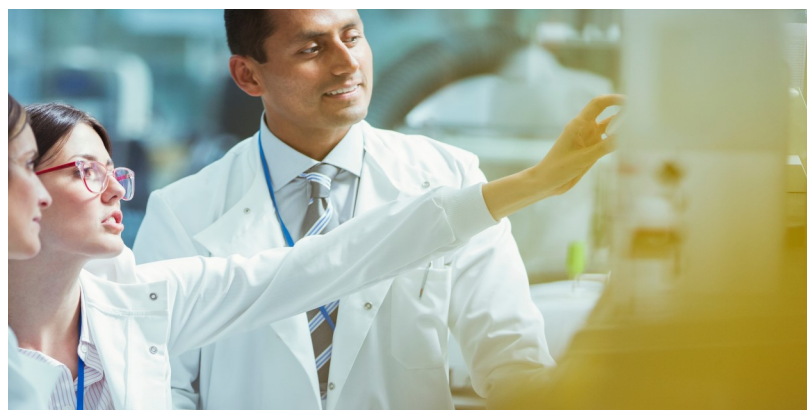
- QuEChERS EN 156622008,
- AOAC Official Method 2007.01,
- Acid Herbicides Using Modified QuEChERS,
- USP <561>
- and methods of analyses for specific compounds are also available.

Value Proposition

ADPEN is a leading provider of analytical testing services, offering solutions to facilitate global food trade and improve the safety of the supply chain.

ADPEN will provide analytical testing services to:

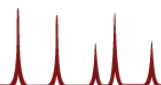
- ◇ Help our clients mitigate risks and make business operations more sustainable.
- ◇ Verify food and beverage products are in full compliance with current industry regulations.
- ◇ Ensure the highest level of quality and safety you demand in the agricultural supply chain.



Contact us to request more analysis information:

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ADPEN
LABORATORIES INC.



QUALITY AND EXCELLENCE