



农药残留分析

农药通常用于清除对农作物生长有害的昆虫、蜘蛛和微生物。但许多农药都具有致癌性，对消费者造成伤害。农药最大残留限量 (maximum residues limits, MRLs) 定义为，在生产或保护商品过程中，按照良好的农业生产 (GAP) 规范，直接或间接使用农药后，允许农药在各种食品和动物饲料中或其表面残留的最大浓度。为了保障消费者的健康，许多国家都规定了农作物的农药最大残留限量。

我们的服务

欧陆根据行业和政府标准提供各种农药检测服务，也为客户提供定制化服务。

- 茶叶、水果、谷物和蔬菜，及其加工产品或脱水产品的专用方法，包括QuEChERS方法、DGF S-19，以及针对多残留物扫描列表以外的特定目标化合物分析方法。
- 使用高精度专用仪器进行农药分析。主要为先进的气质联用 (GC-MS) 和液相-二级质谱联用 (LC-MS/MS) 检测手段。
- 可以检测分析逾500种农药。
- 针对中国、欧盟、日本和美国性价比更高的进口扣留解决方案。
- 检测实验室遍布中国、欧洲和北美。

产品	适用基质	检测仪器
生鲜类	新鲜水果和蔬菜	GC-MS, LC-MS/MS
茶叶	干/鲜茶	GC-MS, LC-MS/MS
复杂基质	中草药、调味料、干制品	GC-MS, LC-MS/MS
高脂肪含量	高脂肪含量产品	GC-MS, LC-MS/MS
纯油脂	食用油脂	GC-MS, LC-MS/MS

没有找到您需要的检测项目？立即联系我们，了解更多服务信息。

为什么选择我们？

- 拥有先进的GC-MS和LC-MS/MS仪器
- 检测分析能力覆盖超500种农药残留
- 根据客户不同检测需求提供个性化服务
- 实验室的全球覆盖网络帮助您无缝应对
- 根据您的食品安全需要提供全方位服务





PESTICIDE RESIDUE ANALYSIS

Pesticides are commonly used to remove insects, spiders and microbes that can be detrimental to crop growth. Unfortunately, many pesticides are carcinogenic and can cause harm to consumers.

“MRL” refers to the pesticide residue level in the food products which is determined by considering the daily intake of foods and which cannot be avoided by using good pesticide management. In order to protect the health of consumers, many countries have established the maximum allowable amount of pesticides for numerous crops.

Our Services

Eurofins offers a variety of pesticide screening services that are based on industry and government accepted screens and also tailored to individual customers.

- Methods developed specifically for tea, fruits, grains and vegetables and their processed or dehydrated products, including the QuEChERS method, DGF S-19, and class specific methods for target compounds not part of multi-residue screens.
- Highly specific and accurate instrumentation is used for pesticides analysis. State of the art Gas Chromatography-Mass Spectrometer (GC-MS) and LC triple quad mass spectrometry (LC-MS/MS) are the primary instruments used for pesticides testing.
- Inventory of more than 500 pesticide standards
- Cost effective solutions for GB, EU, Japan and FDA Import Detentions
- Testing capability worldwide at locations in China, Europe, North America

Product	Apply On	Method
Fresh products	Fresh fruits and vegetables	GC-MS, LC-MS/MS
Tea leaves	Tea and tea leaves	GC-MS, LC-MS/MS
Complex matrices	Herbs, spices, dried products	GC-MS, LC-MS/MS
High fat	High fat products	GC-MS, LC-MS/MS
Pure fat & oil	Edible fats & oils	GC-MS, LC-MS/MS

Don't see what you are looking for? Contact us now and learn more about our services.



WHY CHOOSE US?

- State to the art LC-MS/MS and GC/MS instrumentation
- Capabilities of screen for 500+ pesticides compounds
- Personalized customer service for client specific testing needs
- Global network of laboratories help you navigate seamlessly
- Full service provider for all your food safety needs