

农药残留测试服务



农药残留，是指施用农药以后，一部分农药直接或间接残存于谷物、蔬菜、果品、畜产品、水产品中以及土壤和水体中的现象。由于农药残留对人类和生物危害很大，各国对农药的施用都进行严格的管理，并对食品中农药残留容许量作了规定。

2006年5月29日，日本实施的“肯定列表制度”规定了15种禁止使用的农业化学品；对799种农药、兽药及饲料添加剂设定了总计54782个残留限量标准。对没有设定限量标准的，将执行“一律标准”，即：含量不得超过0.01ppm。

2008年9月1日，经修订和简化的欧盟农残新规（EC396/2005）正式生效，涉及1100种杀虫剂在315种农产品中的最高残留限量，并对现有标准不能覆盖的农药在食品中的残留采用0.01ppm的“一律标准”，其严格程度堪比日本“肯定列表制度”。而在EC396/2005法规尚未正式生效的2008年1月29日，作为EC396/2005法规的补充法规EC 149-2008又正式发布。

我国现行有效的农残标准中，GB 2763-2005《食品中农药最大残留限量》标准，规定了477个残留限量；农业行标140项，规定了162个残留限量。总计172种农药。

面对如此严格的农残要求，STR 配备了顶级的Waters UPLC-MS/MS 以及Agilent 的GC-MS，可以实现400余种农药残留扫描及定量分析，包括有机磷类，有机氯类，菊酯类及其它类别的农残分析，帮助您的产品顺利通关！

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Pesticide Residue Testing Services



Pesticide residues means that the phenomena of some remains left after the application of pesticides, either directly or indirectly, in the grains, vegetables, fruits, animal products and aquatic products as well as soil and water. By the reason of these pesticide residues is hazardous to human and biological environment, some countries have carried out the strict application of pesticide and limited the amount of pesticide residues in food.

In May 29, 2006, the Japanese government has an implementation of the "Positive List System" for the prohibition of the use of 15 kinds of agricultural chemicals; of 799 kinds of pesticides, veterinary drugs and feed additives to set a total of 54782 MRL standards. There is not set limit to this standard, but will perform "General Standard", namely: content of not more than 0.01ppm.

In September 1, 2008, the EU has revised and simplified the new rules of the pesticide residues (EC396/2005) come into force, involving 1100 kinds of pesticides in the 315 kinds of agricultural products in the maximum residue limits, which the standard is over current regulation not covered the pesticide residues limit 0.01 ppm in foods and is comparable to the Japan's "Positive List System". Thus, this revised version, EC 149-2008 launched in Jan 29, 2008, is like a supplementary rules and regulation before EC396/2005 in effect on September 1, 2008

China's current and effective pesticide standards, GB 2763-2005 "Maximum Residue Limits of Pesticides in Food" provides 477 MRL and Agriculture Industry Standard 140 provides 162 MRL. A total of 172 kinds of pesticides

Faced with such a strict pesticide requirements, STR Shanghai equipped with a top of the Waters UPLC-MS/MS, as well as Agilent's GC-MS, can achieve more than 400 kinds of pesticide residues in screening and quantitative analysis, including organic phosphorus, organic chlorine, allethrin classes and other types of pesticide residues analysis of the products to help you smooth Customs clearance.

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