



真菌毒素和生物毒素检测

真菌毒素是真菌产生的有毒次级代谢物。目前已知的真菌毒素有上百种。生物毒素或天然植物毒素则是植物为了避免被食草动物食用所产生的次级代谢物。真菌毒素和生物毒素即使在低浓度的情况下也可以对人类和动物产生急性或慢性的毒性作用。

我们的服务

通过多种特异性和选择性的提取与净化方法（如免疫亲和色谱），以及选择性测量与检测技术（LC-MS/MS、HPLC-FLD），我们可以准确定量痕量级别的黄曲霉毒素。此外，检测过程中部分半自动化技术的应用可为您的原材料提供更为快速的评估。

欧陆的检测项目涵盖广泛的确认和筛选方法，可应用于所有普通食品与饲料基质，包括但不限于：

常见真菌毒素	其他真菌毒素	生物毒素
黄曲霉毒素B1、B2、G1、G2	链格孢霉毒素	罂粟碱（吗啡）
赭曲霉毒素A（OTA）	白僵菌素	苣荬烷生物碱
脱氧雪腐镰刀菌烯醇（DON）	恩镰孢菌素A、A1、B、B1	吡咯里西啶生物碱
玉米烯酮	3-乙酰脱氧雪腐镰刀菌烯醇和15-乙酰脱氧雪腐镰刀菌烯醇	其他
伏马菌素B1、B2、B3	瓜萎镰菌醇	
T-2/HT-2毒素	柄曲菌素	
橘霉素	串珠镰刀菌素	
棒曲霉素	镰刀菌烯酮-X	
麦角生物碱	蛇形菌素	
	其他	

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。



MYCOTOXIN AND BIOTOXIN TESTING

Mycotoxins are toxic secondary metabolites produced by fungi. Several hundred substances are known. Biotoxins or natural plant toxins are secondary metabolic products, formed by plants to protect against herbivores. Both mycotoxins and biotoxins can show acute or chronic toxic effects towards humans and animals even in low concentrations.

Our Services

By a variety of specific and selective extraction and clean-up methods (e.g. immuno-affinity chromatography) as well as selective measurement and detection techniques (LC-MS/MS, HPLC-FLD), the reliable determination of aflatoxins at low concentrations (traces) is guaranteed. The partial automation of these techniques results in turn-around times, which allow a quick assessment of raw materials.

Our testing portfolio covers a large range of confirmatory and screening methods for all common food and feed matrices, includes but not only:

Regulated mycotoxins	Further mycotoxins	Biotoxins
Aflatoxin B1, B2, G1, G2, M1	Alternaria toxins	Opium alkaloids (Morphin)
Ochratoxin A (OTA)	Beauvericin	Tropane alkaloids
Deoxynivalenol (DON)	Enniatins A, A1, B, B1	Pyrrolizidine alkaloids
Zearalenone	3- and 15-Acetyldeoxynivalenol	Others
Fumonisin B1, B2, B3	Nivalenol	
T-2 / HT-2 toxin	Sterigmatocystin	
Citrinin	Moniliformin	
Patulin	Fusarenone X	
Ergot alkaloids	Diacetoxyscirpenol	
	Others	

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