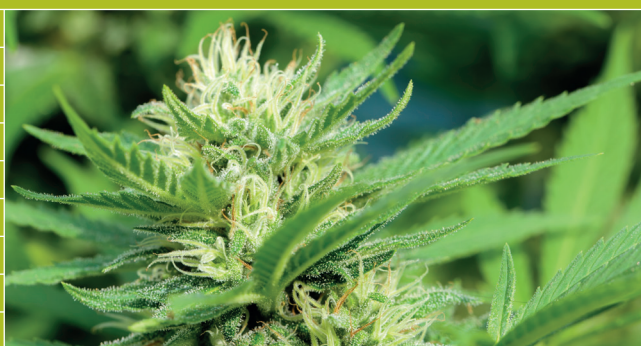


## Reliable Quality Control for Mycotoxins and THC

The **aokin poetri platform** is a professional and fully automatic analytical instrument for rapid and quantitative determination of mycotoxins, THC or CBD in plant, food or liquid samples.

Designed for rapid point of testing, on-site or in areas ranging from incoming goods control to routine laboratory analysis.

- HPLC quality
- Ideal for on-site commercial use
- Quantitative 3 minute assay
- Simplified sample preparation



**Mycotoxins (Aflatoxin, Vomitoxin, Ochratoxin), THC and CBD**

## Automatic Analysis of Mycotoxins, THC and CBD

The German company **aokin**, comprised of a world-class group of American and German researchers in Berlin, has developed a rapid, point-of-entry testing platform that can be used to accurately analyze a sample and report the concentration of THC, CBD or mycotoxins within just a few minutes.

This award winning and patented technology technology has already been recognized by the German authorities as a major breakthrough in food testing and clinical diagnostics.

Easy-to-use, the **aokin poetri system** does not require a dedicated laboratory and may be performed by almost anyone. Tests can be performed quickly, are fully validated and, where appropriate, can be accredited as approved methods by relevant authorities.

"poetry  
is just the  
evidence  
of life"  
Leonard  
Cohen



## Simple Sample Preparation and Operation

*poetri* offers HPLC sensitivity and accuracy with the speed of a lateral flow test and the cost of an ELISA system.

It is no longer necessary to send samples to an external testing laboratory and then wait days or weeks for a result. Nor will you have to invest in an expensive laboratory, high-maintenance equipment and highly trained personnel to obtain results critical to the safety of your operation.

The **aokin poetri platform** combines a small footprint with a high level of technical sophistication in an easy to use and robust format. The platform is complete and fully self-contained and includes sample preparation and real time testing. A validated Sample Analysis Report is generated for each test.

### **aokin mycontrol kits**

Complete sample preparation, purification and testing kits for rapid and highly accurate measurements of mycotoxins, THC and CBD.

### **aokin mycontrol DON**

for detection of Deoxynivalenol (Vomitoxin)

### **aokin mycontrol AFLA**

for detection of Aflatoxin

### **aokin mycontrol OTA**

for detection of Ochratoxin

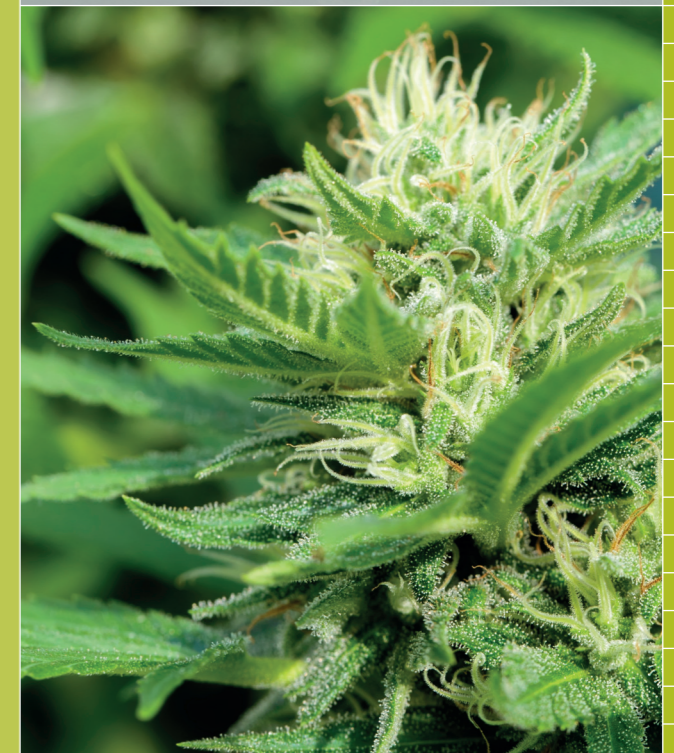
### **aokin mycontrol THC**

for detection of Tetrahydrocannabinol

### **aokin mycontrol CBD**

for detection of Cannabidiol

*poetri* is covered by US patents 7993855, 81224359 and 8173379.



**aokin Fluorescence Polarometer**

Fluorescence Polarimeter with monochromatic excitation and detection, thermostated cuvette and magnetic stirrer, suitable for use with various fluorescent tracers.

Autosampler for automatic handling of calibrations or 10 samples at a time.

Excitation at  $450 \pm 2$  nm, detection at  $> 500$  nm (factory setting for fluorescein label)

**Technical data:**

Teflon tubing, stainless steel tip micro-pump with optimal accuracy  
Volume precision of 2 % at 20  $\mu$ l  
Voltage: 100-240 V,

**Dimensions:**

Width 400 mm x Height 480 mm x Depth 414 mm

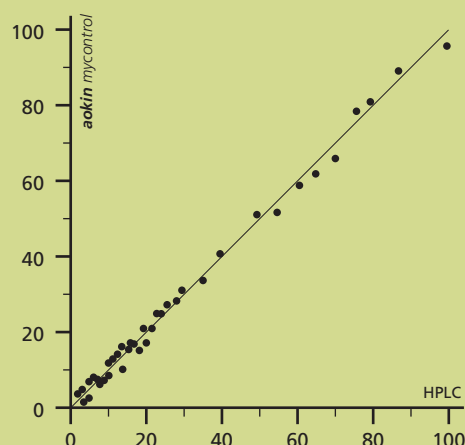


**Validation with HPLC:**

Characteristics of **aokin mycontrol**

Variance: 4-8 %

Correlation coefficient: (r) 0,990 - 0,996



Zearalenone concentration in wheat (in ppb) – comparison of the **aokin** method and HPLC

**aokin AG** · Robert-Rössle-Str. 10 · 13125 Berlin · Germany

Tel. +49 30 94 89 21 60 · Fax +49 30 94 89 21 61 · [info@aokin.com](mailto:info@aokin.com)