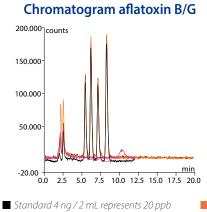
Pollutants in Cannabis Sample preparation à la LCTech

LCTech helps analytical laboratories expand their testing capabilities for cannabis and cannabis-containing products for mycotoxins and pesticides with exceptional clean-up columns that can be easily automated:

Mycotoxin - Analysis

Immunoaffinity columns such as the Afla-OtaCLEAN columns for both regulated mycotoxins at once

- Afla-OtaCLEAN for simultaneous clean-up for aflatoxins B/G and ochratoxins
- Save time & money
- Best results in international round robin tests
- Miniaturized variant available
- Recovery rates show exceptional results for the toxins



Hemp blind with Afla- OtaCLEAN

Chromatogram ochratoxin A

- 45.0]mV 30.0-20.0 10.0 -5.0 0.0 1.3 2.5 3.8 5.0 6.3 7.5 8.8 10.0
- Hemp 20 ppb with Afla- OtaCLEAN Hemp 20 ppb with AflaCLEAN Select

CrossTOX[®] columns - 17 mycotoxins in one go for LC-MS/MS-based analysis

- Reduced background noise during analysis
- Very good peak identification of Aflatoxins and others
- A higher sensitivity is achievable due to minimised matrix effects after concentration
- Significant reduction of LC-MS/MS down-times
- No internal standard necessary for the majority of toxins



OtaCLEAN SMART

LCTech



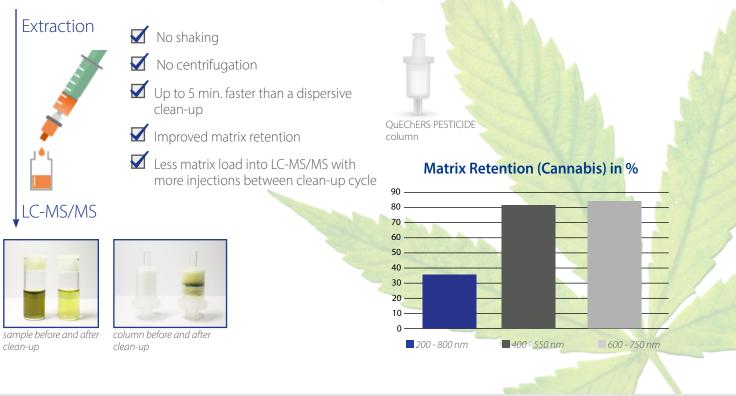
Afla- OtaCLEAN

AflaCLEAN SMART column



Pesticide - Analysis

Non-dispersive QuEChERS application for pesticide analysis in cannabis



Automate your cannabis clean-up with the **FREESTYLE robotic system**

Highest Sensitivity Through Automation

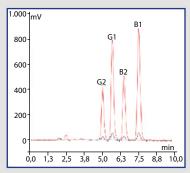
Full automation using the SMART columns in the FREESTYLE ThermELUTE[™] enables not only a higher sample throughput but also the highest analytical sensitivity, since the eluate is quantitatively transferred into the HPLC system.



Increase your sample throughput

Achieve reliable, reproducible results

Increase your analytical sensitivity by a factor of 14





Chromatogram: Sensitivity gain by a factor of 14 on a 3 mL column Manual Clean-up Automated with FREESTYLE ThemELUTE"

Contact us for your individual offer



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