R-BIOPHARM
RHÔNE LTD

11⁺Myco MS-PREP®

Leading the way in multi-toxin analysis

PERFORMANCE TESTED AOAC RESEARCH INSTITUTE LICENSE NUMBER 112401

Validated method: AOAC-RI 112401 certified method

Improve productivity: Can be automated to increase throughput whilst maintaining quality

Robust, reliable product: Consistently high level performance analysts can trust

More information:

https://r-b.io/11myco

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Leading the way in multi-toxin analysis

Frequently in mycotoxin analysis there is a need to analyse for combinations of mycotoxins as dictated by regulatory limits. R-Biopharm have a range of multi-toxin immunoaffinity columns to detect a variety of mycotoxins with excellent accuracy and precision.

Although multi-toxin analysis is often conducted by direct injection prior to LC-MS/MS, background co-extractives often occur, requiring the use of time consuming matrix-matched standards to correct for ionisation effects. These interferences can also adversely impact on identification which can lead to variation or uncertainty of results.

Immunoaffinity columns use antibodies to specifically detect mycotoxins providing clean extracts and removing the requirement for matrix-matched standards as all interfering components are removed during washing. Ultimately analysis is faster and more cost effective with quantitative, accurate result being achieved first time round giving added confidence in results.

The 11⁺Myco MS-PREP® immunoaffinity columns have been validated and certified to AOAC-RI 112401 for the analysis of cereals, cereal products, spices, baby food and animal feed. These commodities can be difficult to analyse due to the complexity of the matrix or in the case of baby food due to the low limits of detection required. The columns therefore allow analysts to overcome these issues improving chromatography and sensitivity whilst complying with regulations.

Other multi-mycotoxin columns are available and these can be connected in tandem if required to achieve specific combinations to suit your needs.

AOAC PT method approval

11⁺Myco MS-PREP® uses a single multi-mycotoxin extraction method for multi-mycotoxin analysis of cereals, baby food, spices, and animal feed by LC-MS/MS which is validated under the AOAC Performance Tested Methods program (PTM). This AOAC certification is a recognised standard that verifies products through comprehensive laboratory testing. This is a major milestone and strengthens our commitment to delivering reliable, validated solutions for multi-mycotoxin testing.

Art No.	Product	Format	Suitable for use with HPLC	Suitable for use with LC-MS/MS	Cross reacts with modified mycotoxins
P128 / P128B	11⁺Myco MS-PREP® AOAC-RI 112401	3 ml		✓	✓
P89 / P89B	AFLAOCHRA PREP®	1 ml	✓	✓	✓
P115 / P115B	AOF MS-PREP®	3 ml		✓	✓
P112 / P112B	AO ZON PREP®	3 ml	✓	✓	✓
P73 / P73B	DZT MS-PREP®	1 ml		✓	✓