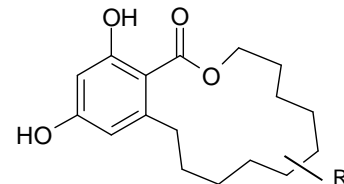


製造 : POLLYINTELL社 輸入 : プラクティカル(株) <http://www.practical.jp>

AFFINIMIP®SPE Zeranol Residues are selective solid phase extraction cartridges for Zeranol and its residues from complex matrices such as urine or meat.

Zeranol (or α -Zearalanol) is a potent nonsteroidal growth promoter used extensively in the United States and Canada to promote rapid growth rates in animals. Nevertheless, its use is banned in several countries (e.g. European directive 96/22/EC and in China).

Compounds extracted by these cartridges are Zeranol, Zearalenone, β -Zearalanol, α and β -Zearalanol, Zearalanone and more broadly, Resorcylic acid lactones.



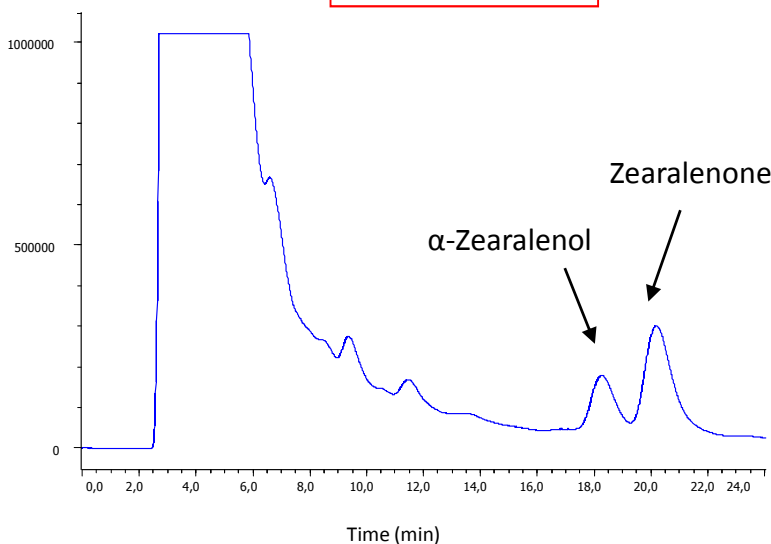
General structure of Resorcylic acid Lactones

The analysis of these compounds in urine or meat requires a long and fastidious pre-treatment sample (several Liquid-Liquid Extraction and multi SPE steps).

AFFINIMIP®SPE Zeranol Residues are selective solid phase extraction cartridges that provide similar results by a simpler purification. These analyses are sensitive, rapid and reproducible.

URINE

Recoveries > 75%



Chromatograms obtained after purification with AFFINIMIP®SPE Zeranol Residues of urine sample spiked at 140ng/mL α -Zearalanol and 280ng/mL Zearalenone



Protocol Media

Loading solution: urine

Washing: Acetonitrile - Water – Acetic acid

Elution: Methanol – Acetic acid

Ordering information:

Catalog number: FS105-02 for 25 columns 3mL
FS105-03 for 50 columns 3mL

For more technical details : please visit www.polyintell.com or contact us at contact@polyintell.com