

Analysis of Fusarium Mycotoxines

Method
HPLCVFD0049J
RP Mode**Column:** Eurospher 100-5 C18, 250 x 4.0 mm ID**Order No.** 25DE181ESJ**Phase:** Eurospher 100-5 C18**Conditions:**
Eluent: A: Acetonitrile
B: Water / Acetonitrile (90:10)
Gradient: 0 – 28 min 8% A
28 – 32 min 8% - 20% A
32 – 36 min 20% - 100% A
36 – 40 min 100% A
40 – 45 min 100% - 8% A
Flow rate: 0 – 7 min 0.65 ml/min
7 – 40 min 0.75 ml/min
40 – 45 min 0.65 ml/min
Temperature: 25 °C
Volume: 10 µl**Detection:** DAD at 220 and 230 nm**Substances:** Nivalenol, Deoxynivalenol (DON), 15-o-Acetyl-4-deoxynivalenol, 3-Acetyldeoxynivalenol**Keywords:** Fusarium Mycotoxines**Chromatogram:**

1. Nivalenol (2.8 ppm)
2. Deoxynivalenol (2.9 ppm)
3. 15-o-Acetyl-4-deoxynivalenol (3.0 ppm)
4. 3-Acetyldeoxynivalenol (2.9 ppm)

