



Product: DOnEX; 3 mL widebore

According to the matrix please select the appropriate method.

Standard Extraction Procedure

This procedure is recommended, if no interferences from matrix compounds are expected, as this might be the case for most cereals.

10 g of a thoroughly homogenized sample is extracted with 50 mL of the extraction solution (acetonitrile/water, 84/16, v/v) in a blender jar at high speed, e.g. with an Ultraturrax. For using a magnetic stirrer a 30 min extraction was used with excellent recoveries.

Pass the extract through a plaited filter.

20 mL of the filtered extract is applied on the clean-up column by a maximum flow rate of 10 mL/min. Attention: High flow rates provoke back pressure.

The flow-through must be kept for further analysis as it contains the toxin.

The sample flow through the column could be achieved by light overpressure or using a vacuum manifold.

The sample reservoir is washed with 10 mL acetonitrile/water (84/16, v/v) and the washing solution is applied on the column the flow-through is pooled with the first sample and mixed homogeneously.

$\frac{1}{4}$ th of this sample (e.g. 7.5 mL of 30 mL (representing 1 g matrix equivalents)) is evaporated to dryness and dissolved in an appropriate amount of the HPLC solvent.

Dilute the final sample to your requirements and measure directly by HPLC.

If you have any questions, please contact: mycotoxins@LCTech.de



The company LCTech GmbH is certified according to ISO 9001:2015

