

Testing for 2008 harvest show mycotoxins “worst since records began”



Mycotoxin reference materials from LGC Standards support accurate identification and measurement.

Preliminary results from this season's Home Grown Cereal Authority (HGCA) funded survey indicate that levels of the fusarium grain mycotoxins; deoxynivalenol (DON) and zearalenone, were particularly high as a result of wet weather during the wheat crop flowering period in some regions and the wet harvest.



Mycotoxins are one of the most serious of naturally occurring toxins, which can contaminate the food supply for both animals and humans.

When decisions are being made about the safety of thousands of tonnes of grain, it is crucial that the test data is reliable. Grain traders and end users testing grain for mycotoxin contamination rely on mycotoxin standards to ensure the accuracy of their results. LGC Standards has a range of reference materials to support accurate identification and measurement of a wide range of mycotoxins including deoxynivalenol and zearalenone.

Please see overleaf for a list of relevant products.

B-MYC0320-C	Deoxynivalenol	5 mg
B-MYC0325-C	Deoxynivalenol	10 mg
B-MYC0920	Deoxynivalenol - BSA conjugate (Coupling ratio: 50:1)	2 mg
B-MYC0330-1.2	Deoxynivalenol (13C15, 98%) 25 µg/mL in Acetonitrile	1.2 mL
B-MYC0320-1	Deoxynivalenol (DON) 100 µg/mL in acetonitrile	1 mL
B-MYC0320-5	Deoxynivalenol (DON) 100 µg/mL in acetonitrile	5 mL
B-MYC0335-1	Deoxynivalenol-3-glucoside 50 µg/mL in acetonitrile	1 mL
B-MYC0580-1	Zearalanone 10 µg/mL in acetonitrile	1 mL
B-MYC0580-5	Zearalanone 10 µg/mL in acetonitrile	5 mL
B-MYC0605-C	Zearalenone	10 mg
B-MYC0600-C	Zearalenone	5 mg
B-MYC0950	Zearalenone - BSA conjugate (Coupling ratio: 50:1)	2 mg
B-MYC0610-1.2	Zearalenone (U-13C18) 25 µg/mL in acetonitrile	1.2 mL
B-MYC0600-5	Zearalenone 100 µg/mL in acetonitrile	5 mL
B-MYC0600-1	Zearalenone 100 µg/mL in acetonitrile	1 mL
B-MYC0360-C	15-Acetyl-deoxynivalenol	5 mg
B-MYC0365-C	15-Acetyl-deoxynivalenol	10 mg
B-MYC0360-C-10	15-Acetyl-deoxynivalenol	10 mg
B-MYC0360-5	15-Acetyl-deoxynivalenol (15-AcDON) 100 µg/mL in acetonitrile	5 mL
B-MYC0360-1	15-Acetyl-deoxynivalenol (15-AcDON) 100 µg/mL in acetonitrile	1 mL
B-MYC0340-C	3-Acetyl-deoxynivalenol	5 mg
B-MYC0345-C	3-Acetyl-deoxynivalenol	10 mg
B-MYC0340-C-10	3-Acetyl-deoxynivalenol	10 mg
B-MYC0340-5	3-Acetyl-deoxynivalenol (3-AcDON) 100 µg/mL in acetonitrile	5 mL
B-MYC0340-1	3-Acetyl-deoxynivalenol (3-AcDON) 100 µg/mL in acetonitrile	1 mL
B-MYC0350-1.2	3-Acetyl-deoxynivalenol (U-13C17) 25 µg/mL in acetonitrile	1.2 mL
B-MYC0380-1	Deepoxy-deoxynivalenol 50 µg/mL in acetonitrile	1 mL
B-MYC0380-5	Deepoxy-deoxynivalenol 50 µg/mL in acetonitrile	5 mL

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