

# Supplementary Materials: Natural Occurrence of *Alternaria* Toxins in the 2015 Wheat from Anhui Province, China

Wenjing Xu, Xiaomin Han, Fengqin Li and Lishi Zhang

**Table S1.** The parameters associated with the calibration curve and method sensitivity for the detection of the four *Alternaria* toxins.

Mycotoxin <sup>a</sup>	Regressive Equation	Correlation Coefficient	LOD <sup>b</sup> (µg/kg)	LOQ <sup>c</sup> (µg/kg)
TeA	$Y = 1952.99 X + 3227.47$	0.9999	0.6	1.9
TEN	$Y = 2598.29 X + 51,067.2$	0.9972	0.1	0.4
AOH	$Y = 1859.83 X + 4585.01$	0.9999	1.3	4.2
AME	$Y = 11388.87 X + 138,459$	0.9953	0.04	0.1

<sup>a</sup> TeA = tenuazonic acid, TEN = tentoxin, AOH = alternariol, AME = alternariol methyl ether; <sup>b</sup> LOD = limit of detection; <sup>c</sup> LOQ = limit of quantification.

**Table S2.** The MRM parameters of MS/MS conditions.

Mycotoxin	Parent Ion	Daughter Ion	Dwell Time (ms)	DP <sup>a</sup> (v)	CE <sup>b</sup> (v)	CXP <sup>c</sup> (v)	EP <sup>d</sup> (v)
TeA	196.0	138.8	50	-87	-26	-10	-10
	196.0	111.8	50	-83	-32	-11	-10
TEN	413.2	140.9	50	-106	-26	-10	-10
	413.2	271.0	50	-106	-22	-11	-10
AOH	256.9	212.9	50	-114	-30	-7	-10
	256.9	214.9	50	-114	-34	-8	-10
AME	270.9	255.8	50	-106	-40	-10	-10
	270.9	227.8	50	-106	-38	-8	-10

<sup>a</sup> DP = declustering potential; <sup>b</sup> CE = collision energy; <sup>c</sup> CXP = collision cell exit potential; <sup>d</sup> EP = entrance potential.