

# DIN EN 17194:2020-02 (E)

## Animal feeding stuffs: Methods of sampling and analysis - Determination of Deoxynivalenol, Aflatoxin B1, Fumonisin B1 & B2, T-2 & HT-2 toxins, Zearalenone and Ochratoxin A in feed materials and compound feed by LC-M S/MS

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
1	Scope .....	4
2	Normative references .....	4
3	Terms and definitions .....	4
4	Principle .....	4
5	Reagents .....	5
6	Apparatus .....	7
7	Procedure .....	8
7.1	Sample preparation .....	8
7.2	Extraction .....	9
7.3	Test solution .....	9
7.4	Spiking procedure .....	10
8	Measurements .....	10
8.1	General .....	10
8.2	LC conditions .....	10
8.3	MS conditions .....	10
8.4	Batch composition .....	11
8.5	Peak identification .....	11
8.6	Determination of mycotoxins in calibration and test solutions .....	11
8.7	Calibration .....	11
9	Determination of mass fraction .....	12
10	Precision .....	13
10.1	Interlaboratory study .....	13
10.2	Repeatability .....	13
10.3	Reproducibility .....	14
11	Test report .....	14
Annex A (informative) Precision data .....		15
Annex B (informative) Examples .....		25
Annex C (informative) Example chromatograms .....		30
Bibliography .....		32