

# DIN EN 16936:2017-08 (E)

Animal feed duff stuffs - Methods of sampling and analysis - Screening on the antibiotics tylosin, virginiamycin, spiramycin, bacitracin-zinc and avoparcin at sub-additive levels in compound feed by a microbiological plate test

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
1	Scope .....	4
2	Normative references .....	4
3	Principle .....	4
4	Reagents and materials .....	4
5	Apparatus .....	8
6	Sample preparation .....	8
6.1	Preparation of the test plates .....	8
6.2	Sample extraction .....	9
7	Measurements .....	9
7.1	Procedure .....	9
7.2	Interpretation .....	9
7.3	Identification .....	9
8	Determination of concentrations .....	10
9	Precision .....	10
9.1	Interlaboratory study .....	10
10	Test report .....	11
Annex A (informative) Preparation of bacterial suspensions .....		12
A.1	General .....	12
A.2	Storage .....	12
Annex B (informative) Procedure for the additional identification of interfering antibiotics .....		13
B.1	General .....	13
B.2	Tetracyclines .....	13
B.3	Quinolones/colistin .....	13
B.4	Aminoglycosides .....	13
B.5	Avilamycin .....	14
B.6	Macrolides / $\beta$ -lactams .....	14
B.7	Mixture of antibiotics .....	14
Bibliography .....		16