DIN EN 16936:2017-08 (E)

Animal fee ding 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

Contents

Page

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 / ß-lactams 14
B.7 Mixture of antibiotics 14

Bibliography 16