DIN EN 15784:2022-02 (E)

Animal feeding stuffs: Methods of sampling and analysis - Detection and enumeration of Bacillus spp. used as feed additive

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Principle 5

5 Diluent and culture medium 6
5.1 Diluent 6
5.2 Culture medium tryptone soy agar (TSA) 6

6 Apparatus 7

7 Sampling 8

8 Preparation of test sample 8

9 Procedure 8
9.1 Preparation of poured agar plates for spread plate method 8
9.2 Preparation of the initial suspension and decimal dilutions 9
9.3 Inoculation and incubation of plates 10
9.4 Enumeration of colonies 10
9.5 Confirmation 11

10 Expression of results 11

11 Precision 12
11.1 General 12
11.2 Interlaboratory studies 12
11.3 Repeatability 12
11.4 Reproducibility 12

12 Test report 12

Annex A (informative) Notes on the procedure 13

Annex B (informative) Results of the interlaboratory studies 14

B.1 General 14
B.2 Data obtained from VDLUFA collaborative studies 14

Bibliography 16