

# DIN EN 15787:2022-02 (E)

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

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Introduction .....		5
1	Scope .....	6
2	Normative references .....	6
3	Terms and definitions .....	6
4	Principle .....	6
5	Diluents and culture media .....	7
5.1	Diluents .....	7
5.2	Culture media .....	8
6	Apparatus .....	10
7	Sampling .....	11
8	Preparation of test sample .....	11
9	Procedure .....	11
9.1	Samples with a single or multi-component added microflora .....	11
9.2	Preparation of poured agar plates for spread plate method .....	11
9.3	Preparation of MRS agar for pour plate method .....	12
9.4	Preparation of the initial suspension and decimal dilutions .....	12
9.5	Inoculation and incubation of plates .....	13
9.6	Enumeration of colonies .....	14
9.7	Confirmation .....	14
10	Expression of results .....	15
11	Precision .....	15
11.1	General .....	15
11.2	Interlaboratory study .....	15
11.3	Repeatability .....	15
11.4	Reproducibility .....	16
12	Test report .....	16
Annex A (informative) Notes on the procedure .....		17
A.1	General .....	17
A.2	Critical copper concentration .....	17
Annex B (informative) Results of the interlaboratory study .....		19
B.1	General .....	19
B.2	Results of the interlaboratory study .....	19
Bibliography .....		20