

# DIN ISO 16649-1:2009-12 (E)

**Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of  $\beta$ -glucuronidase-positive Escherichia coli - Part 1: Colony-count technique at 44 °C using membranes and 5-bromo-4-chloro-3-indolyl  $\beta$ -D-glucuronide (ISO 16649-1:2001)**

---

<b>Contents</b>		<b>Page</b>
Introduction .....		
National foreword .....		3
.....		5
1	Scope .....	6
2	Normative references .....	6
3	Terms and definitions .....	6
4	Principle .....	7
5	Diluent and culture media .....	7
5.1	Diluent .....	7
5.2	Culture media .....	7
6	Apparatus and glassware .....	9
7	Sampling .....	9
8	Preparation of test sample .....	9
9	Procedure .....	10
9.1	Test portion, initial suspension and dilutions .....	10
9.2	Resuscitation .....	10
9.3	Transfer to selective medium and incubation .....	10
9.4	Counting the colony-forming units (CFU) .....	10
10	Expression of results .....	10
10.1	General .....	10
10.2	Calculation .....	10
10.3	Estimation of low numbers .....	11
10.4	Method of calculation: Special cases .....	12
10.5	Confidence limits .....	13
11	Test report .....	13
Bibliography .....		14
National Annex NA (informative) Bibliography .....		4